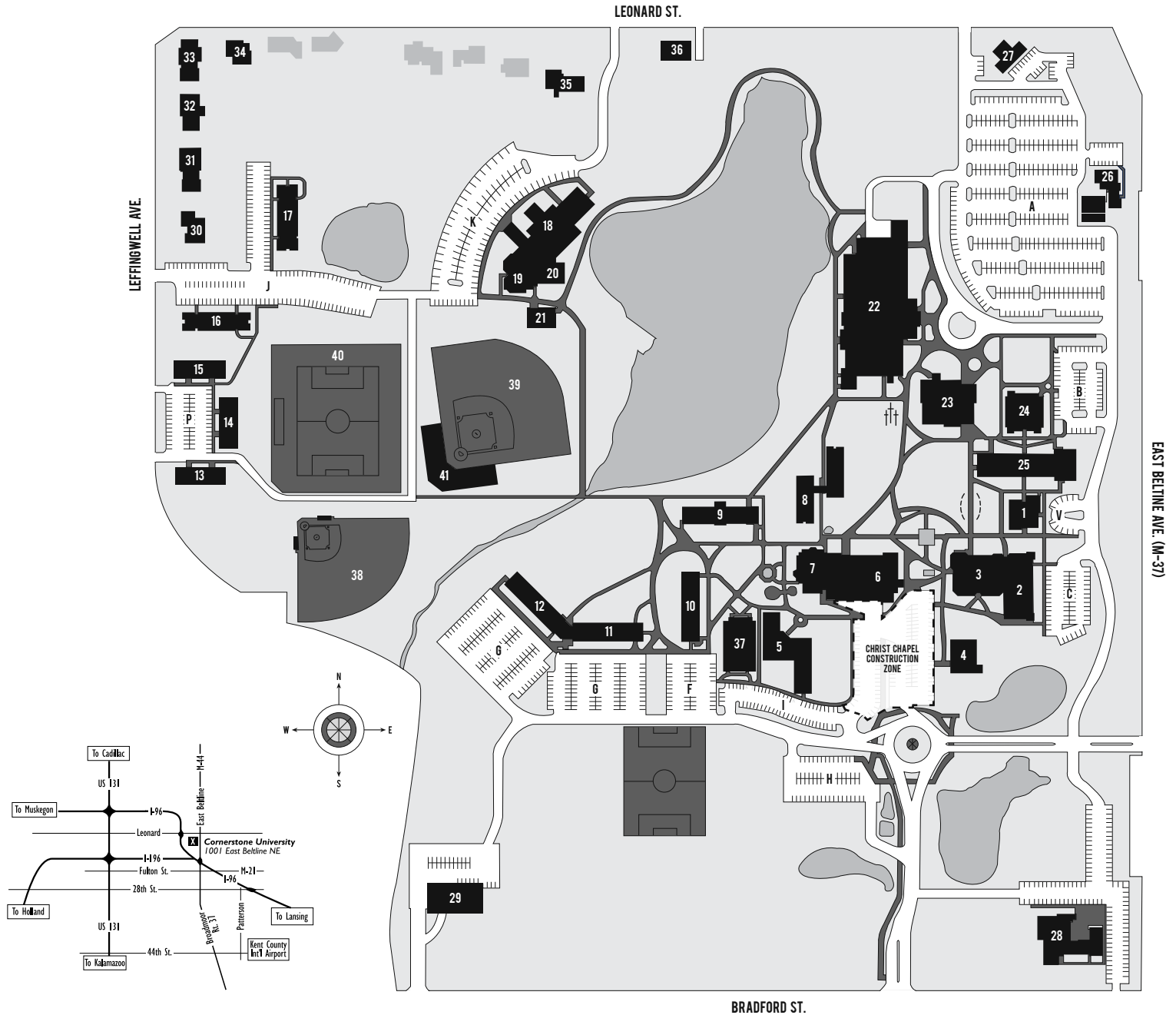




Cornerstone
UNIVERSITY®
BUILD A LIFE THAT MATTERS

Grand Rapids, Michigan

CAMPUS MAP



MAP KEY

- | | | |
|---|-------------------------------------|---|
| 1. Ketcham Bldg. (Admissions/Financial Aid Welcome Center) (KETC) | 14. Knol Hall (KNRH) | 28. Theatre Costume Storage & Rentals |
| 2. Warren Faber Hall - Bookstore (FABR) | 15. Morris Hall (MORH) | 29. Campus Services - 2901 Bradford St. |
| 3. Bolthouse Hall (BOLT) | 16. Babcock Hall (BKRH) | 30. Herald Office - 1128 Leffingwell |
| 4. Gordon Hall (GORD) | 17. Crawford Hall (CDRH) | 31. 1142 Leffingwell |
| 5. Miller Hall (MLHL) | 18. Wood Seminary Bldg. (WOOD) | 32. 1158 Leffingwell |
| 6. Gainey Conference Center (GAIN) | 19. Matthews Performing Arts Center | 33. 1180 Leffingwell |
| 7. Corum Student Union (CORM) | 20. Pirsig/DeBruyn Chapel (PDCH) | 34. 2830 Leonard |
| 8. Quincer Hall (QRH) | 21. Workshop | 35. Shabach House - 2968 Leonard |
| 9. Pickitt Hall (PIRH) | 22. Hansen Athletic Center (BHAC) | 36. I.S. House - 3014 Leonard |
| 10. Keithley Hall (KERH) | 23. Miller Library (MLLB) | 37. Faculty Office Building (FOB) |
| 11. VanOsdel Hall (VORH) | 24. Administration Building (ADMN) | 38. Softball Field |
| 12. Cook Hall (CKRH) | 25. Daverman Hall (DAVR) | 39. DeWitt Baseball Field |
| 13. Fuller Hall (FURH) | 26. Cornerstone University Radio | 40. Soccer Field |
| | 27. Music North | 41. Central Hall |

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2014-2015 ACADEMIC CALENDAR



FALL 2014

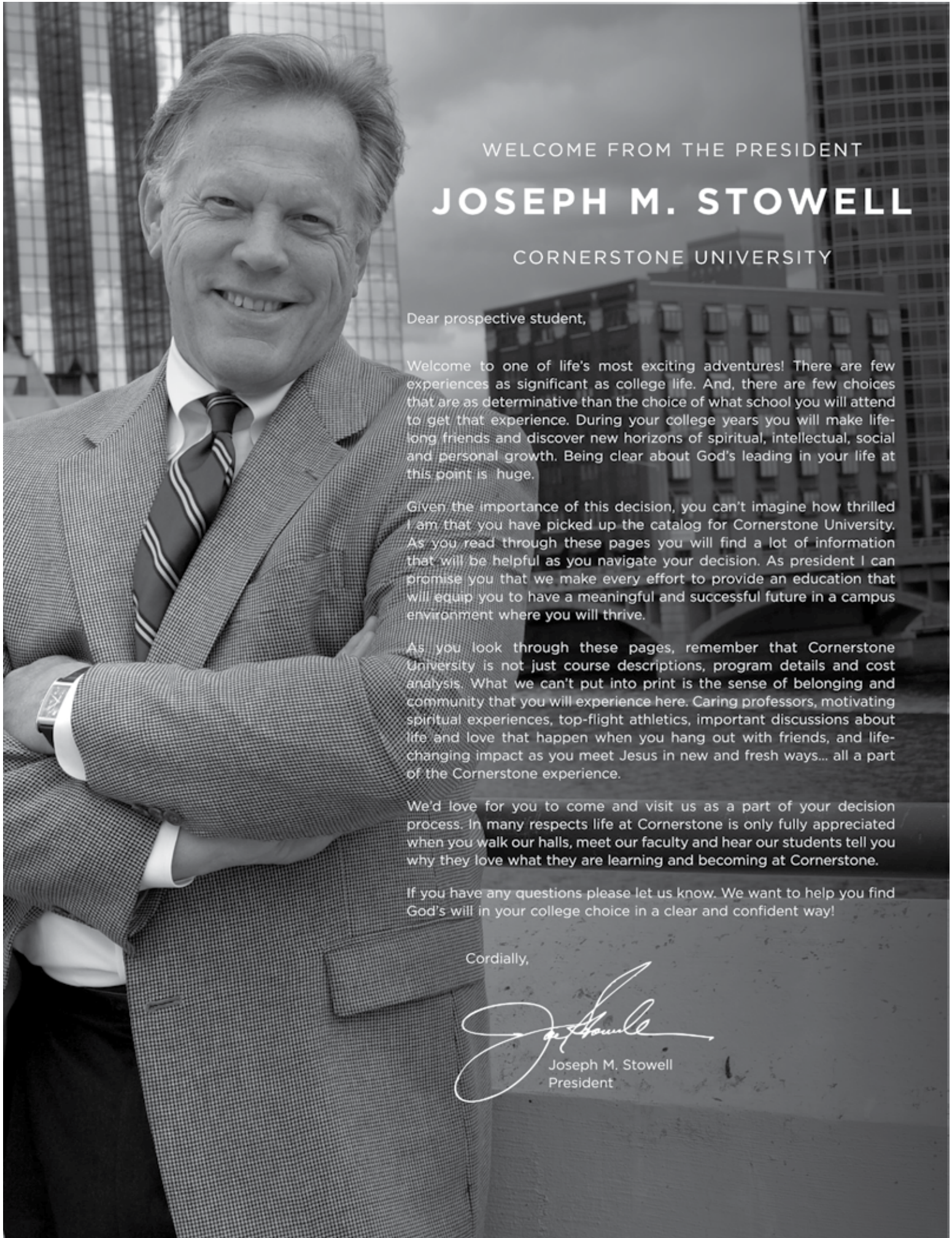
Faculty work day	Aug. 27
Terra Firma arrival (Undergraduate)	Aug. 28
Labor Day (No Classes)	Sept. 1
Classes begin	Sept. 3
Fall break	Oct. 13-14
Mid-term	Oct. 15-17
Registration begins	Oct. 20
Last day for withdrawal without W/P or W/E	Nov. 10
Thanksgiving break	Nov. 26-30
Class resume	Dec. 1
Last day for withdrawal without W/E	Dec. 1
Final day of classes	Dec. 5
Final exams	Dec. 8-11
Final grades due	Dec. 16

SPRING 2015

J-Term (Undergraduate)	Jan. 5-16
Classes Begin	Jan. 19
Spring Break	March 2-6
Classes Resume	March 9
Mid-Term	March 16-20
Registration Begins	March 16
Last Day for withdrawal without W/P or W/E	March 30
Easter Break (Fri. – Mon.)	April 3-6
Classes Resume (Tues.)	April 7
Last day for withdrawal without W/E	April 20
Final day of classes	April 24
Final exams	April 27-30
Commencement	May 2
Spring grades due	May 6

SUMMER 2015

Two week courses	May 4 – Aug. 30
	May 4-15



WELCOME FROM THE PRESIDENT

JOSEPH M. STOWELL

CORNERSTONE UNIVERSITY

Dear prospective student,

Welcome to one of life's most exciting adventures! There are few experiences as significant as college life. And, there are few choices that are as determinative than the choice of what school you will attend to get that experience. During your college years you will make life-long friends and discover new horizons of spiritual, intellectual, social and personal growth. Being clear about God's leading in your life at this point is huge.

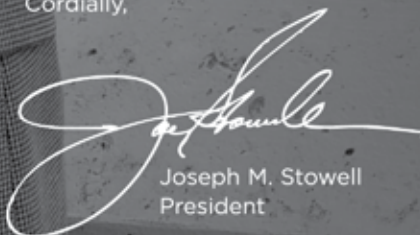
Given the importance of this decision, you can't imagine how thrilled I am that you have picked up the catalog for Cornerstone University. As you read through these pages you will find a lot of information that will be helpful as you navigate your decision. As president I can promise you that we make every effort to provide an education that will equip you to have a meaningful and successful future in a campus environment where you will thrive.

As you look through these pages, remember that Cornerstone University is not just course descriptions, program details and cost analysis. What we can't put into print is the sense of belonging and community that you will experience here. Caring professors, motivating spiritual experiences, top-flight athletics, important discussions about life and love that happen when you hang out with friends, and life-changing impact as you meet Jesus in new and fresh ways... all a part of the Cornerstone experience.

We'd love for you to come and visit us as a part of your decision process. In many respects life at Cornerstone is only fully appreciated when you walk our halls, meet our faculty and hear our students tell you why they love what they are learning and becoming at Cornerstone.

If you have any questions please let us know. We want to help you find God's will in your college choice in a clear and confident way!

Cordially,



Joseph M. Stowell
President

ABOUT CORNERSTONE



OUR IDENTITY: WHO WE ARE: Cornerstone is a Christ-centered university with a passion for global influence through the transforming power of the gospel.

OUR MISSION: WHY WE EXIST: We exist to empower men and women to excel as influencers in our world for Christ by offering a student-focused learning community where Jesus Christ is central.

OUR VISION: WHAT WE ASPIRE TO: We aspire to create a thriving community of fully devoted followers of Jesus in a spiritually contagious, academically excellent, richly resourced and culturally diverse learning environment that attracts outstanding students, faculty and staff who influence our world for Christ, his church and his kingdom.

HISTORY

Cornerstone University is an independent, evangelical Christian institution. The university (formerly Grand Rapids Baptist College and Seminary) began as an evening Bible institute in the educational wing of the Wealthy Street Baptist Church on Jan. 7, 1941. Two hundred and eleven students enrolled in Bible courses designed to make them more effective lay workers in local churches. The response to the program and the expressed desire of many students to enter into ministry led to the inauguration of a day school in 1944, which offered two- and three-year programs of study.

In 1945, the hiring of seminary-educated professors raised the level of education for ministry. As a prerequisite to entrance into the pastoral ministries program, a minimum of two years of general education, including Greek and philosophy, was required. In 1955, the seminary moved to admit only students with baccalaureate degrees. Steps were also taken to change both the level and the function of the Bible Institute to a degree-granting, undergraduate institution. One of the options considered was to become a liberal arts college. Finances and faculty did not adequately support that move, and in 1963 the Bible Institute became a state-approved Bible College, chartered to offer the Bachelor of Religious Education and Bachelor of Music degrees. The Bible College incorporated the general education of the pre-seminary course, added six 15-20 hour concentrations in the liberal arts to its curriculum, and became a four-year college with a two-year general education base and a major in Bible. In 1964, the college and seminary moved to a new 64-acre campus, and the same year the college was received as a member of the American Association of Bible Colleges. The campus is now 119 acres.

In 1972, with the development of facilities, faculty and finances, the institution was approved by the State of Michigan as a degree-granting college of arts and sciences. In 1977, the institution was accredited by what is now The Higher Learning Commission of the North Central Association of Colleges and Schools (230 N. LaSalle St., Suite 7-500, Chicago, IL 60604-1411, 312.263.0456). Information and documents relative to accreditation are available for public inspection through the Office of the Executive Vice President. In 2001, the institution was accredited by the National Association of Schools of Music.

In 1993, Grand Rapids School of Bible and Music was joined to the institution for the preservation of its rich heritage and academic records. The following year (June 1994), the name of the institution was changed from Grand Rapids Baptist College and Seminary to Cornerstone College and Grand Rapids Baptist Seminary. In 1993, the college also instituted the Adult and Continuing Education program (currently called the Professional & Graduate Studies program). On July 1, 1999, following approval by the State of Michigan, Cornerstone College and Grand Rapids Baptist Seminary became Cornerstone University. In June 2003, the graduate theological school became Grand Rapids Theological Seminary.

Cornerstone University holds memberships in the Council of Independent Colleges, the National Association of Independent Colleges and Universities, the Association of Independent Colleges and Universities of Michigan, the Council for Christian Colleges and Universities, the National Association of Schools of Music (NASM, since 2001) and the North Central Association of Colleges and Schools (NCA, since 1977).

BUILD A LIFE THAT MATTERS

At Cornerstone University we believe that you are a life that matters. Our goal is to help you build on the foundation you have in Christ so that you can reach your highest potential. The following values are embedded throughout our policies, programs and community:

1. **Jesus Matters** – *Cornerstone University values a spiritually contagious environment.* As followers of Jesus, our staff, faculty and students are committed to creating an environment where students can thrive in their personal relationship with God. This is the foundation we believe matters most.
2. **Academics Matter** – *Cornerstone University values academic excellence in its programs and activities.* We offer a student-focused learning community that values excellence in education. Our outstanding students, faculty and staff are equipped to excel in their fields of study and be influencers for Christ in a variety of vocations.
3. **Resources Matter** – *Cornerstone University values an environment that is richly resourced.* We are committed to providing an education and campus rich in resources both for our students, staff and faculty and for the West Michigan and global communities we influence.
4. **Community Matters** – *Cornerstone University values cultural diversity in our environment, activities and programs.* We seek to provide cultural opportunities, a diverse community and cultural awareness in all of our programs to instill in our students a passion for global influence and cultural engagement.

THE CORNERSTONE CONFESSION

The Cornerstone Confession is the foundational doctrinal statement of Cornerstone University, reaffirmed annually by Cornerstone trustees, faculty, and staff. The Confession expresses our commitment to the key teachings of Scriptures as interpreted through the ecumenical creeds of the early church, the chief insights of the Reformation, and evangelical Christianity.

We believe in one sovereign, omnipotent, and fully omniscient God who eternally exists in three persons—Father, Son, and Holy Spirit—who in love and for his glory created all things out of nothing and pronounced them good.

We believe that God has revealed himself in the sixty-six canonical books of Scripture, which are verbally inspired, truth without error, and serve as our final authority in faith and life. They lead us to Jesus Christ, who shows us the Father, and rightly interpreted, they enable us to understand God's revelation in humanity, nature, and history.

We believe that God directly created Adam and Eve, the historical parents of the human race, distinct from the rest of creation in their bearing of God's image and their stewardship over creation. Their union as man and woman models God's design for marriage and perpetually stands as God's loving and righteous will for all sexual intimacy.

We believe that our first parents forfeited their original righteousness when they succumbed to Satan's temptation and rebelled against God's revealed will. As a result, every human is born in sin, leaving us totally depraved, alienated from God, and destined to spiritual and physical death. As such, our sinful ways have corrupted God's creation, resulting in discord to society and nature.

We believe that God's plan to redeem fallen humanity and renew creation flows through his promises to the Jewish people. God's promises to Abraham and David are fulfilled in Jesus, the mediator of the New Covenant.

We believe that the Son of God, while fully divine, became fully human through the virgin birth to save the world from sin. Living a sinless life in perfect obedience to His Father, Jesus proclaimed God's reign in word and deed. In his mercy he atoned for our sins by dying in our place. Having satisfied the just wrath of God on our behalf, he rose bodily and triumphantly over sin, death, and Satan. He then ascended to heaven, sent his Spirit to lead and empower his church, and is seated at the Father's right hand where he reigns and intercedes for His people.

We believe that the Holy Spirit descended at Pentecost to establish the church; that he uses the Word of God to give new life to those who repent of their sin and believe in Christ; and that all who by faith alone receive Christ's finished work are by God's grace united with Christ, justified by his shed blood, adopted into the family of God, forgiven of all their sin, indwelt and gifted by the Spirit, and added to the church.

We believe that the one, holy, and universal church is the body and bride of Christ. The church gathers in local assemblies to worship God and celebrate the gospel through the preaching of the Word, baptism, the Lord's Supper, prayer, and fellowship. It disperses to proclaim the gospel to a sinful world which must hear the good news of Jesus Christ in order to be saved. The church makes disciples of Jesus who, through persevering faith, embody the kingdom values of righteousness, peace, and joy. By loving God, serving others, and caring for creation, they anticipate the redemption of all things at Christ's return.

We believe that our Lord Jesus Christ will personally and gloriously return to deliver this world from Satan's rule and bring his reign to its ultimate fruition. Jesus will raise the dead to stand with the living before his judgment throne where he will determine the final state of humanity. The lost will experience everlasting conscious separation from God as the just punishment for their sin, and the redeemed will be welcomed into the unhindered joy of everlasting fellowship with him.

PRESIDENT'S CABINET

Joseph Stowell, *President*

Marc Fowler, *Executive Vice President & Chief Operations Officer*

Bill Knott, *Senior Vice President for University Advancement*

Chris Lemke, *Executive Director of Cornerstone University Broadcasting*

Rick Ostrander, *Provost*

Bob Sack, *Executive Director of Marketing & Communications*

Dee Mooney, *Senior Vice President & Chief Financial Officer*

Gerald Longjohn, *Vice President for Student Development*

John VerBerkmoes, *Academic Dean, Grand Rapids Theological Seminary*

BOARD OF TRUSTEES

The Board of Trustees is composed of members who set broad policies that govern the institution.

EXECUTIVE COMMITTEE

Steven Hawks (CU '81), Chairman
*Senior Vice President, Fifth Third Bank
Grand Rapids, Mich.*

Carole Bos, Vice Chairman
*President, Bos & Glazier, P.L.C.
Grand Rapids, Mich.*

Dr. Don Denyes, Secretary
*Senior Pastor, South Church
Lansing, Mich.*

Joe Slaughter (CU '69), Treasurer
*President & CEO, Herff Jones, Inc.
Indianapolis, Ind.*

BOARD OF TRUSTEES

Dr. Mark Campbell
*President, Cancer & Hermatology Centers
of West Michigan
Grand Rapids, Mich.*

Steve Cochlan
*President and CEO
The Cochlan Group, Inc./Bank Consulting Group, Inc.
Chicago, Ill.*

Lori Cook
*"Maranda", Wood TV
Grand Rapids, Mich.*

Jennie Afman Dimkoff
*President, Storyline Ministries, Inc.
Fremont, Mich.*

Harvey Gainey
*President, Gainey Realty & Investment Corp.
Grand Rapids, Mich.*

Dr. Rick Koole (CU '70)
*Senior Pastor, Chapel Pointe
Hudsonville, Mich.*

Dr. Al Meredith (CU '68)
*Senior Pastor, Wedgwood Baptist Church
Fort Worth, Texas*

David Pray (CU '08)
*President/CEO Decker Construction Inc.
Grand Rapids, Mich.*

Amy Shane
Littleton, Co.

Brian Sikma
*President, Highpoint Real Estate
Grand Rapids, Mich.*

Dr. Larry Thompson
*Senior Pastor, First Baptist Church
Ft. Lauderdale, Fla.*

Skot Welch
*Founder/Principal, Global Bridgebuilders
Grand Rapids, Mich.*

Daniel R. Wielhouwer (CU '68)
*President/CEO, Club & Community Corporation
Boca Raton, Fla.*

Dr. Lee Zuidema
*Kentwood Family Dentistry
Kentwood, Mich.*

HONORARY TRUSTEES

Rev. Charles Alber (CU '62), Ames, Iowa
Rev. Roy J. Clark, Grand Rapids, Mich.
Lewis Roberts, Kalamazoo, Mich.

CORNERSTONE UNIVERSITY EMERITI FACULTY

Retired faculty members who have given particularly meritorious service to Cornerstone University are recognized by the “emeritus” designation. This status is neither automatic nor institutionally obligatory and as such is one of the university’s highest academic honors, granted only by the university’s Board of Trustees.

- Emeritus status is based on consideration of the following factors:
- Recognition for meritorious teaching excellence and exemplary integration of a Christian worldview with one’s discipline and development of students’ leadership skills.
- Christian impact and reputation.
- Contribution to the development of students.
- Contribution to the discipline and profession, particularly scholarship.
- Rank of professor or associate professor.
- A minimum of 10 years of service at the institution.

EMERITUS PROFESSORS

Abuhl, Ralph (1963 to 1996), Emeritus Professor of Psychology and Social Work; B.A. (1960), Grace College; M.A. (1962), Wheaton College; M.A. (1967), Ph.D. (1978), Michigan State University; M.S.W. (1990), Grand Valley State University

Baker, Gloria (1973 to 2004), Emeritus Associate Professor of Kinesiology; B.S. (1960), Wheaton College; B.R.E. (1976), Grand Rapids Baptist College; M.A. (1965), Michigan State University; Ed.S. (1985), Central Michigan University

Brew, William (1973 to 2006), Emeritus Associate Professor of Bible; B.A. (1959), Bryan College; M.A. (1963), Dallas Theological Seminary

Cole, Dwayne (1978 to 2005), Emeritus Professor of History; B.A. (1961), Northwestern College; M.A. (1964), University of Minnesota; Ph.D. (1973), St. Louis University

Fabisch, Judith (1983-2010), Emeritus Professor of English ; B.A. (1977), Cornerstone University; M.A. (1984) Western Michigan University; Ph.D. (1991) Michigan State University.

Galloway, Orpha (1977 to 2001), Emeritus Professor of Music; B.F.A. (1954); M.M. (1954), University of South Dakota; D.M.A. (1986), Michigan State University

Good, Gregory (1975 to 2006), Emeritus Associate Professor of Music; B.Mus. (1970), Eastman School of Music; M.M. (1972), Eastman School of Music

Horn, Joyce (1962 to 2007), Emeritus Associate Professor of Music; B.Mus. (1969), Grand Rapids Baptist College; M.M. (1972), Western Michigan University (deceased)

Mayers, Ronald (1969 to 2007), Emeritus Professor of Religion; Th.B. (1964), Baptist Bible Seminary; B.A. (1965), State University of New York; M.A. (1967), Syracuse University; Ph.D. (1972), Syracuse University; Th.M. (1973), Western Theological Seminary

Stewart, Richard (1969 to 2007), Emeritus Professor of Music; B.Mus. (1965), Baldwin Wallace Conservatory of Music; M.M. (1967), Union Theological Seminary; Ph.D. (1985), Michigan State University Educational Goals

EDUCATIONAL GOALS

Cornerstone University's mission is to educate graduates who have the passion and ability to effectively engage the cultures of our world for Christ and His Kingdom. Our graduates are not "culture warriors" who seek to dominate culture; nor do they isolate themselves from it. Rather, Cornerstone students are educated to practice, in sociologist James Hunter's words, "faithful presence" in the cultural settings in which God places them. They seek to be a blessing to both believers and unbelievers, to promote human flourishing in the communities to which they are called, and to communicate the gospel to a fallen world with winsomeness and intelligence. Specifically, we align all of our curricular and co-curricular programs to produce graduates who exhibit the following qualities:

1. WISE AND SPIRITUALLY MATURE FOLLOWERS OF CHRIST

Such students will be equipped to:

- Demonstrate the biblical narrative and interpret scripture responsibly.
- Understand Christian beliefs and expressions of historical orthodoxy.
- Cultivate spiritual growth through the practice of spiritual disciplines and corporate worship.
- Integrate a biblical worldview into daily life.
- Contribute to the advancement of justice, the proclamation of the gospel, and the renewal of creation.
- Participate in the local church as God's agency of blessing and redemption in the world.

2. CRITICAL AND INNOVATIVE THINKERS

Such students will be equipped to:

- Demonstrate intellectual curiosity and humility through careful observation.
- Use the creative process to identify and solve problems.
- Efficiently access and judiciously handle data from multiple sources.
- Analyze and critically evaluate arguments and ideas.
- Synthesize learning from different disciplines.
- Communicate charitable and well-reasoned arguments.

3. CREATIVE BEINGS WHO EXPRESS BEAUTY AND DEVELOP CULTURE

Such students will be equipped to:

- Understand the significance of the imago dei and its relation to cultural calling.
- Understand artistic genres in their historical and cultural context.
- Critically and charitably appraise individual and communal expressions of beauty.
- Discern and value aesthetic aspects of various disciplines.
- Cultivate original and useful work in one's area of giftedness.

4. SKILLED PROFESSIONALS WHO ENGAGE CULTURE IN THEIR VOCATION.

Such students will be equipped to:

- Demonstrate the essential skills for one's profession or discipline.
- Communicate effectively in one's profession or discipline.
- Connect one's strengths to one's vocation.
- Engage one's professional culture responsibly and ethically.
- Contribute to God's redemptive purposes in the world through one's profession.

5. CROSS-CULTURAL COMMUNICATORS AND COLLABORATORS

Such students will be equipped to:

- Articulate a biblical foundation of global engagement rooted in an ethic of Christian hospitality.
- Understand one's own culture in relation to other cultures.
- Value cultural differences within a Christian framework.
- Interact hospitably with people from diverse cultural backgrounds.
- Think and act as a responsible member of the global community.

6. FAITHFUL STEWARDS OF PHYSICAL, EMOTIONAL AND RELATIONAL HEALTH

Such students will be equipped to:

- Steward one's physical health.
- Demonstrate emotional intelligence.
- Demonstrate a healthy sense of biblical sexuality.
- Engage in healthy relationships.
- Contribute positively to a loving and healthy community.

STUDENT DEVELOPMENT



The Department of Student Development exists to challenge students to become more holistically and fully devoted followers of Jesus.

ABOUT THE DEPARTMENT OF STUDENT DEVELOPMENT

The Department of Student Development oversees many of the co-curricular aspects of Cornerstone University.

Cornerstone University's mission states that "We exist to equip men and women to excel as influencers in our world for Christ by offering a student-focused learning community where Jesus Christ is central." Our unique contribution to that mission includes:

"...equip men and women to excel as influencers in our world for Christ"

- The Terra Firma program, building a solid biblical and relational foundation for students during their first year on campus,
- Our Global Opportunities program – providing students with cross-cultural learning and service opportunities in Grand Rapids and across the world,
- Discipleship Opportunities – connecting students to discipleship opportunities through relational ministry
- Campus engagement through student activities, student government, intramural sports and student organizations
- Career counseling and internships that emphasize calling and vocation.

"...by offering a student-focused learning community"

- Community Life - Residence halls and a commuter life program
- A Health Services department that provides resources for holistic growth and health, and
- The Well – a Christ-centered, biblically-based counseling center.
- Multicultural organization - engages cultural awareness through seminars, student activities and mentoring opportunities

"...where Jesus Christ is central."

- A chapel program that invites students, staff, and faculty to worship and grow in our faith together,
- Evensong- a student-led weekly service that draws college students from the Grand Rapids community, and
- Thrive – a student group encouraging the priority of prayer on CU's campus.

We recognize that the process of student development and spiritual formation in students' lives takes place in numerous contexts across Cornerstone's campus – in the classroom, in mentoring relationships with faculty members, in the tensions of a challenging internship, in the midst of competition on athletic courts and fields, and in the relationships forged through on-campus employment. Students' spiritual growth begins long before and continues long after their time at Cornerstone. However, the transition years between late adolescence and early adulthood offer a unique season of spiritual development during the college years. Our passion is to live out the truth of Paul's words to the Thessalonians during that season:

We loved you so much that we were delighted to share with you not only the gospel of God but our lives as well, because you had become so dear to us. (1 Thessalonians 2:8)

NOTICE OF NONDISCRIMINATORY POLICY TOWARD STUDENTS

Cornerstone University does not discriminate on the basis of race, national origin, sex, age or disability in its policies and programs.

The provisions of this catalog are not to be regarded as an irrevocable contract between the student and Cornerstone University. Changes and modification in educational policy are implemented when deemed appropriate and not necessarily with the issuance of a new catalog. This catalog has attempted to present information in as accurate and up-to-date a fashion as possible. Changes will be publicized through normal channels and will be included in the following catalog.

All material in this catalog applies to the 2014-2015 academic year and reflects information available on the publication date. Cornerstone University reserves the right to revise all announcements contained in this publication and, at its discretion, to make reasonable changes in requirements to improve or update academic and non-academic programs.

CAMPUS PHOTOGRAPHY

All enrolled students at Cornerstone University give Cornerstone permission to use student images and/or photographs on its Website and in other university-related electronic and printed materials and advertisements. If for any reason a student does not wish to grant this permission, he/she must sign a form in the university's Marketing & Communications Office.

DRUG AND ALCOHOL ABUSE PREVENTION INFORMATION

Available in the student handbook.

CAMPUS LIFE



University life is more than just classrooms and books. The university emphasizes education of the whole person and provides opportunity for the development of the intellectual, spiritual and social areas of the student's life. Some of the activities designed for a well-balanced Christian life are residence hall activities, films, musical performances, seminars, prayer groups, mission trips, discussion groups and athletic events. The Department of Student Development directs events pertaining to student life. A listing of student activities can be found in the Student Handbook, and opportunities for leadership can be found by contacting the Department of Student Development.

CAMPUS HOUSING

Campus housing at Cornerstone provides a variety of options in several residence halls. Each of the campus residence halls has its own unique personality and style. The following information will give you an inside look at each of the halls and how they community life atmosphere at Cornerstone.

NEWEST RESIDENCE HALL ON CAMPUS!

Cornerstone is excited to utilize a brand new residence hall, built in 2013 through gracious donations for the baseball field and residence hall project. Central Hall is situated on the second and third levels above the baseball stadium and houses approximately 92 students. The structure of the hall follows a suite format where two rooms, each housing two residents, are joined by a bathroom. Laundry facilities and WIFI are available throughout the residence hall. There are two single-occupancy, barrier-free rooms, and an elevator to assist physically challenged students. The third floor houses a hospitality suite overlooking the new artificial turf baseball stadium. The community lounges on second and third floors provide space for students to interact, watch television or study.

Babcock Hall, built in 1979, is named after Dr. Wendell K. Babcock for his many years of exemplary academic service to Grand Rapids School of Bible and Music (GRSBM) and for his years of volunteer service to Cornerstone University in the Alumni Office. Babcock Hall houses approximately 110 students. Each living unit is comprised of a kitchen with a stove and refrigerator, bathroom, living area and two bedrooms. Wireless routers allow students to access their e-mail and the Internet, and every floor has laundry facilities. There is a community lounge. Residents are encouraged to use these lounges to interact, watch television or study.

Cook Hall, built in 2000, is named after Emajeon "Pat" Cook, devoted and loving wife of Peter Cook, a successful businessman whose philanthropic endeavors have included a gift in support of this residence hall. Cook Hall houses 142 students in suite-style rooms, consisting of two bedrooms with a bathroom in between. Wireless routers allow students to access their e-mail and the Internet, and every floor has laundry facilities. There are two single-occupancy, barrier-free rooms and an elevator to assist physically challenged students. Cook Hall is connected to Van Osdel Hall by a three-story glass atrium. The common areas include shared lounges, kitchenette, study lounge and game area for the 256 residents in the two halls. It is an appealing place for people to come together for social interaction and relaxation.

Crawford Hall, built in 1980, is named after Dr. Joe Crawford who was associated with Grand Rapids Theological Seminary for 52 years. Dr. Crawford began as a student at Cornerstone in 1948 and continued to teach until his homegoing on November 3, 2000. Almost identical to Babcock Hall, Crawford houses approximately 110 students. Each living unit is comprised of a kitchen with a stove and refrigerator, bathroom, living area and two bedrooms. Wireless routers allow students to access their e-mail and the Internet, and every floor has laundry facilities. There is a community lounge, as well, and residents are encouraged to use these lounges to interact, study or watch television.

Fuller, Knol, and Morris Halls, Fuller, Knol and Morris Apartments, built in 1965, 1965 and 1970, are named for David O. Fuller, first president of Cornerstone University; Gerard Knol, third president of Cornerstone; and Lloyd Morris, former board member and pastor. The three apartment-style buildings contain a total of 48 one-and-two-bedroom units, including two guest apartments, and every floor has laundry facilities. The apartments are leased on a year-to-year basis. Priority for leasing each year is determined by overall housing needs of the university. Available apartments are generally reserved first for married students and students with children. Remaining vacancies are used as necessary for seminary students then single

undergraduate students. These leased apartments are managed by the campus services office. Call 616.222.1420 for more information.

Keithley Hall, built in 1975, is named after Howard Keithley who faithfully served on the board of trustees of Cornerstone University for 32 years and as interim president (1958-59). The structure of the hall follows a suite format where two rooms, each housing two students, are joined by a bathroom, which provides a convenient living arrangement, and every floor has laundry facilities. Wireless routers allow students to access their e-mail, the Internet and Cornerstone's server. Keithley has a payer room and a nicely furnished lounge on the first floor. Keithley houses 80 students.

Pickitt Hall, built in 1970, is named after Ann Pickitt, wife of Allegan businessman Harry Pickitt, who supported the building of this hall. Pickitt can house 165 students. Pickitt offers communal bathrooms, which promote a sense of community among its residents, and every floor has laundry facilities. Wireless routers allow students to access their e-mail, the Internet and Cornerstone's server. The students in Pickitt have access to a large, fully furnished lounge with a ping-pong table, games and television. The north side of Pickitt has the advantage of a beautiful view of the pond.

Quincer Hall, built in 1964, is named after Sheldon B. Quincer who was one of the 10 original part-time instructors at Cornerstone in 1941 and faithfully served as an instructor for the institution for 27 years. At full capacity, Quincer houses 78 students in two wings, with communal bathrooms, and every floor has laundry facilities. Wireless routers allow students to access their e-mail, the Internet and Cornerstone's server. Quincer has a lounge for community building with furniture and a TV. Quincer is an energetic community where the residents are challenged to be men of God who sharpen one another through accountability and truth.

Van Osdel Hall, built in 1977, is named in honor of Oliver W. Van Osdel. Van Osdel is a three-story residence hall that can accommodate a maximum of 114 residents. The rooms are arranged in a suite-style where two rooms, each housing two students, are connected by a shared bathroom, and every floor has laundry facilities. Wireless routers allow students to access their e-mail, the Internet and Cornerstone's server. Van Osdel, also known as "VO," has a spacious lounge in the basement, with a pool table, foosball table, large television and study lounge. It shares with Cook Hall a three-story atrium with lounges on the second and third floors. VO seeks to provide an environment where students are challenged spiritually, socially and physically, in hopes to encourage them to deepen their relationships with God and other fellow believers.

CAMPUS SAFETY

The primary mission of the Campus Safety Department is to promote and provide safety, security and service to our students, faculty, staff and guests through information, education, public and personal relations and enforcement. Our secondary efforts involve service to and protection of our general campus community and all properties and assets therein. Campus Safety personnel provide 24/7/365 campus safety and security patrols, as well as 24/7/365 switchboard and dispatch services. Campus Safety, including switchboard, is located at the east entrance of Faber Hall next to the bookstore. Photo ID cards are issued at this location for all students and employees as well. Safety officers patrol the campus proactively, enforce parking and traffic regulations as well as behavioral and conduct standards, and respond to emergencies and investigate incidents. The Department of Campus Safety also provides an array of other convenience services including special needs transportation, assistance with vehicle lockouts and battery boosts. For emergencies or general service requests, including general information inquiries, contact the Campus Safety Department by dialing '0' (Zero) from campus phones or 616.949.5300 from all other phones.

CAREER SERVICES

Our mission is to provide individuals with the tools to acquire meaningful life work using their God-given gifts and abilities. Career Services functions as a bridge between the classroom and work. We offer career advising and assessment for undergraduate students, adult students and alumni. Our services include the coordination of teacher credential files and assistance with resumés, cover letters, job search strategies, interviewing skills, work etiquette and job offers. Job opportunities are available through our Website and in the Career Services Office. The job listing includes full-time, part-time, ministry, internships and seasonal opportunities. Career Services actively participates in several career/job fairs each year that students are encouraged to attend.

CHAPEL

Chapel exists as a 'spiritual oasis' in the midst of the busy seasons of college life. Cornerstone teaches its students to be thoughtful and intentional about their Christian growth, and chapel provides an opportunity to address the spiritual dimension of personal lives or the corporate life of our community in an unusually direct manner. All full-time undergraduate students are required to attend 25 chapels each semester. Our community gathers together to hear from God's Word and sing His praise. Occasionally, students attend smaller gatherings led by academic departments. Our chapels are led by student-led worship teams. Please see the current student handbook for a full description of the chapel attendance requirement.

COMMUNITY LIFE

Community Life is an important part of the Cornerstone experience. Whether students live in residence halls or commute from home, we have programming to encourage growth through our unique community.

Residence Life

Late night talks in the lounge, residence hall traditions, Bible studies, hall events, and more are a part of residence life. Each residence hall has a Residence Director (R.D.) that heads up a team of student leader Resident Assistants (R.A.) to help students get acquainted with one another and their new surroundings.

Commuter Life

Eating lunch, hanging out in the Commuter Corner, and connecting with other students is made easier for non-residential students through our Commuter Life program. The Assistant Director of Community Life heads up a team of student leader Commuter Assistants (C.A.) who are there to help non-residential students navigate campus life. From commuter lunches to breakfast gatherings, sports events, fun activities, or providing information and direction, the dedicated commuter team is there to serve students. The Corum Student Union has a dedicated “commuter corner” for students to study, get information, or just hang out between classes.

COUNSELING SERVICES – THE WELL

Counseling services are available to all traditional undergraduate Cornerstone students who wish to have a safe, confidential conversation with counselors who are equipped to provide help and resources when life gets confusing or stressful. The Well recognizes the Bible as the source for understanding how to respond to the struggles of life. There is a minimal fee for counseling, however no students are denied for financial reasons. The Well is located in Miller Hall, with the entrance on the West Side of the building facing the Faculty Office Building (FOB). Appointments can be made by phone 616.977.5477, email (the.well@cornerstone.edu), or by coming in during office hours (9 a.m. – noon, 1 p.m. – 4 p.m.). More information about The Well and its staff can be found at www.cornerstone.edu/counseling.

CORNERSTONE UNIVERSITY STUDENT GOVERNMENT (CUSG)

CUSG functions as both an active liaison between students and administration and helps to mobilize the energy of students to address campus, community, and global concerns.

It is comprised of an Executive Council, consisting of the student body president and vice presidents of legislation, media and marketing, student organizations, and finance, and community partnerships, elected and selected from the student body at-large. Student senators from across campus also serve in leadership roles. Regular opportunities for students to share ideas, concerns, and campus life experiences are provided through CUSG.

DISCIPLESHIP OPPORTUNITIES

Opportunities for discipleship at Cornerstone create an atmosphere that encourages spiritual growth and challenges individuals to become more like Christ in thought, word, and deed. These opportunities include small group gatherings, mentoring relationships with peers, faculty and staff, events in the residence halls, getting off campus for retreats, and simply living life together in community. While recognizing that discipleship happens in various contexts through various means, some of the key elements include prayer, accountability, Bible study, book discussions, and serving or spending time together.

GLOBAL OPPORTUNITIES

The Global Opportunities program exists to give students exposure to and ministry in a culture different from their own both nationally and internationally. Students will go out both in teams and individually to work with pastors, missionaries, national church leaders and local agencies. A variety of ministry programs will be served depending upon the needs of the given location. Recent trips have included India, Jamaica, Dominican Republic, Zambia, Kosovo, China, Costa Rica, Cuba, Chicago and Memphis.

HEALTH SERVICES

On-campus health services are available to all students regardless of their specific health insurance plan. Students have access to visits with a Registered Nurse for minor injury or illness, such as colds, flu, headaches, rashes, and digestive disorders.

- The following services are available through CU Health Services:
- Appointments: Registered Nurse
- Blood pressure checks (free)
- Health education and wellness promotion
- Loan items (crutches, wheelchairs, etc.)
- Referrals to specialists
- Resource materials on health related topics (free)
- International Travel Consults
- Immunizations (in collaboration with Calvin College Health Services)

HONORS PROGRAM

The Cornerstone University Honors Program provides an opportunity for academically gifted students to enhance their educational experience through special sections of classes and close work with faculty members on individual projects. Central

to the program is the on-going dialogue between the “Great Books” of the Western intellectual tradition and “the Book,” the Bible, upon which all our intellectual endeavors are based. Another strong emphasis is focused preparation for graduate studies in each honors student’s field of study. The objective of the program is to produce scholars who will take this synthesis of biblical and classically based education into their professional careers.

MILLER LIBRARY

As the center for information resources at Cornerstone, Miller Library is an attractive and comfortable facility that provides independent learning resources for the university. Miller Library’s collection includes approximately 150,000 books (hard copy), plus an additional 225,000 ebooks, 1,000+ DVDs, 400 print periodical subscriptions and an additional 39,000 journals fully accessible online through the library’s subscription databases.

Miller Library also houses the university archives, the Curriculum Materials Center (CMC) for teacher education students, a library instruction classroom and several group study rooms. Book discussion groups, guest lectures and visiting exhibits are part of the library’s outreach program. The library provides access to many of its resources outside its walls via its online catalog, 200 research databases and access to other academic libraries (MeLCat & Interlibrary Loan). Its most recent upgrade was to add the Summon Power Search, a web-discovery platform that enables efficient access to literally millions of resources through a single search box.

The library staff of 11 professionals includes seven MLS-degreed librarians, support staff and student workers, who offer such public services as interlibrary loan, research assistance, personal and classroom instruction and circulation. The library’s website is an excellent resource, which serves as a gateway and guide to the world of information. Students are encouraged to visit Miller Library’s website at LIBRARY.Cornerstone.edu.

MULTICULTURAL ORGANIZATION

The MCO strives to promote Biblical awareness, acceptance and appreciation of other cultures. It will encourage members of the Cornerstone community to seek global perspective from a Christian worldview, while providing opportunities for interaction, education and service.

MUSICAL ACTIVITIES

There are numerous musical opportunities on campus. Private lessons are available to non-music majors on many orchestral instruments, piano, organ, guitar, drumset and voice. Performance ensembles include the following:

- **Chancel Singers (MUP-111)**
A large choral ensemble emphasizing the performance of a variety of choral literature for the joy of singing, the development of the singer, and the inspiration of audiences. The choir prepares for seasonal concerts, ministry in chapel and on campus, as well as occasional concerts in the community. Membership is open to all students without audition.
- **University Chorale (MUP-101)**
This select choral ensemble is dedicated to the performance of outstanding choral literature, providing singers with a number of exciting opportunities. Focusing on public performance as a means of worship and Christian service, the Chorale performs a broad spectrum of choral literature including a cappella motets, large-scale works for chorus and orchestra, spirituals and contemporary compositions. Auditions for the Chorale are held at the beginning of each fall semester.
- **Symphonic Winds and Chamber Winds (MUP-121)**
This select group of woodwind, brass and percussion players is committed to the quality performance of outstanding wind ensemble and concert band literature. At the beginning of each fall term, a weekend retreat is held off-campus to foster musical growth and camaraderie among its members. Symphonic Winds is open to students by audition.
- **Percussion/20th Century Ensemble (MUP-151)**
This highly energetic ensemble performs an array of literature for myriad percussion instruments in numerous combinations, as well as twentieth century works for mixed ensemble. Percussion/20th Ensemble is open to all students by audition.
- **Contemporary Ensembles (MUP-141)**
These small ensembles are comprised of drums, bass, keyboard, guitars, and vocalists. Contemporary Ensembles perform music in a variety of styles drawn from the broad umbrella of popular music. Membership is by audition only, and they perform both on and off campus in a variety of settings.
- **Credo (MUP-151)**
This high-energy vocal ensemble specializes in sacred and secular a cappella music and contemporary singing with an uncompromising dedication to excellence. Eight gifted and highly motivated singers, selected by audition only, train in the art of jazz in a wide variety of settings: on campus, in area churches, high schools and more.
- **Cornerstone University Brass (MUP-151)**
This select brass quintet performs a wide variety of literature on campus and in area churches and schools. Membership is by audition only.
- **Woodwind Quintet (MUP-151)**
This select woodwind quintet performs a wide variety of literature campus and in area schools. Membership is by audition only.

- **Pep Band (MUP-161)**
This highly energetic ensemble is comprised of winds, bass and drums, and serves to enhance the atmosphere at Cornerstone University men's and women's basketball games. Pep Band is open to all students.
- **Worship Ensemble (MUP-171)**
This ensemble is comprised of drums, bass, keyboard, guitars and vocalists, and primarily serves in the university chapels. Students prepare and minister music for congregational singing and develop both musical and ministry skills. Membership is by audition only.

STUDENT PUBLICATION – THE HERALD

The Herald, the award winning Cornerstone University student newspaper, is published in print form weekly and daily on its online edition: www.herald.cornerstone.edu. A student staff of news, feature and sports reporters, columnists, photographers, copy editors and editors produce all of the content. Students may apply for a limited number of paid jobs on *The Herald*, including editor and sales positions. *The Herald* is at the crux of the 1-credit hour course, JRN 261 News Practicum. Students who major in journalism, humanities, photography and public relations have gained invaluable media experience writing and/or taking photographs for the campus newspaper during their university careers. This experience has provided CU students with the edge they needed to secure off-campus media internships at newspapers, magazines, broadcast and online media. Those internships in turn have led students to full-time jobs in similar media after graduation. For more information about gaining invaluable experience on *The Herald*, you may email: alan.blanchard@cornerstone.edu.

The Herald is produced under the direction of Associate Professor of Journalism Alan D. Blanchard, A.B.D., director, Journalism Department within the Communications & Media Division. He has served as faculty advisor/director for *The Herald*, named best General Excellence Newspaper in 2008 and 2012, in statewide Michigan Collegiate Press Association Better Newspaper Contests. Blanchard has more than 30 years' experience working as a reporter, photojournalist, copy editor, managing editor, editor, advertising director and/or publisher at newspapers in California, New Mexico, Texas, Indiana, Ohio and Michigan. For seven years he also owned a weekly newspaper in Michigan. And as the former editor of the Greenville (Mich.) Daily News, Blanchard led that newspaper to three General Excellence awards in 1996, 1997, 1998 in a statewide Michigan Press Association Better Newspaper Contest. He also previously served as director of the Marketing/PR/Media Relations Office at Cornerstone University.

UNIVERSITY COMMUNITY COMMITMENT

Cornerstone seeks to create a student-focused learning community where Jesus Christ is central. Two foundational documents help define and motivate that type of community – the CU Community Covenant and the CU Student Handbook.

Each year every member of the campus community (faculty, staff and students) commits to pursue the principles of righteousness, peace and joy outlined in the CU Community Covenant.

Additionally, students at Cornerstone are expected to affirm their commitment to abide by the policies outlined in the CU Student Handbook. This interactive document specifies these policies as well as the rationale behind them. It can be found at www.cuhandbook.com.

ADMISSIONS



Students who desire a Christ-centered education that is characterized by an academically excellent and spiritually contagious environment are encouraged to submit an application to Cornerstone University. All students are recommended to apply for admission at the earliest possible date. An early application gives optimal opportunity for financial aid awards, course selection and campus housing. Application materials and information may be obtained by contacting the Admissions Office or by visiting the Admissions website at www.cornerstone.edu/undergraduate-admissions.

Cornerstone University Admissions Office:

1001 E. Beltline Ave. NE | Grand Rapids, MI 49525
phone 616.222.1426 | toll-free 800.787.9778 | fax 616.222.1418
e-mail: admissions@cornerstone.edu
www.cornerstone.edu/undergraduate-admissions

ADMISSION REQUIREMENTS

The criteria for admission to Cornerstone University includes evidence of a personal relationship with Jesus Christ characterized by a consistent Christian lifestyle and acceptable academic achievement. For full admission, a student must have a minimum ACT score of 19 (or corresponding total SAT score of 1350) and successfully completed high school with a 2.5 high school G.P.A. in a college preparatory program. Transfer students should have a 2.0 minimum college G.P.A. as well as the high school minimums, if transferring less than 24 credits. The university reserves the right to change these minimums at any time.

The following information and documentation are required to complete the application process:

- Completed online application.
- Official high school transcript (official G.E.D. results) sent directly from the school or an electronic transfer service.
- Official ACT or SAT scores sent directly from ACT or SAT or high school guidance office. Student score reports are also accepted. Information regarding registration, test dates and locations may be obtained from your high school guidance counselor or may be requested from the following:

American College Testing Program
2201 N Dodge Street | P.O. Box 451 | Iowa City, IA 52243 | www.act.org

or

College Board (SAT) | P.O. Box 6200 | Princeton, NJ 08541 | www.collegeboard.com

Applicants are encouraged to take the test early. The ACT college code number, 2002, should be placed on your examination for the official reporting of the scores. The SAT college code number is 1253.

- Official college transcripts from all colleges previously attended, including dual-enroll college transcripts.
- Christian leader recommendation completed by senior pastor, youth pastor, leader from the church, Christian teacher, Bible study leader or Christian mentor (form available online). Your Christian leader recommendation must be submitted before enrollment but is not required for an admissions decision.

ADMISSION PROCESS

The applicant will be notified of his or her status once the Admissions Office has received all application credentials. Priority consideration for admission is given to students who submit their application before the following dates:

Fall semester: Aug. 1 | Spring semester: Dec. 15

Applicants are encouraged to apply before these dates, as admission will be granted on the availability of space in the entering class. Some applicants may be placed on a waiting list for future review of their application. A wait list is used when the university has limited space available for new students or when a student has not met our current academic expectations.

As part of the admission process, individuals within the Admissions Office will carefully review each applicant's high school transcript. High school students should take courses in a college preparatory program that include the following:

English	8 semesters
Math*	6 semesters
Science	4 semesters
Social Science/History	6 semesters
Foreign Language	4 semesters
Academic Electives**	8 semesters

**Math equivalent of two years of algebra and one year of geometry with mathematical reasoning. Math in the senior year is strongly recommended.*

***Academic electives should include courses in technology, government, psychology and speech.*

Acceptance will be granted to high school students before graduation. The student must request that the high school send a final transcript to Cornerstone University upon graduation to be eligible to register for subsequent semesters.

A \$150 advanced tuition deposit is required for all admitted students to reserve their place in the entering class. This deposit is non-refundable after May 1 for the fall semester and Dec. 15 for the spring semester. This deposit is credited to the tuition bill. Students who will be living on campus in one of our residence halls are also required to submit a \$150 housing deposit which is kept on account until termination of campus housing. A full refund of the housing deposit is available until July 1 for the fall semester and Dec. 1 for the spring semester. The deposit becomes non-refundable after these dates. New students are also required to submit completed health forms and to make arrangements for payment of the school bill before arrival on campus.

ADMISSION DECISIONS

When an applicant has completed the application process, one of the following decisions will be made regarding their entrance into Cornerstone University:

FULL ADMISSION - An applicant is given full admission to Cornerstone University when the criteria for admission have been met. Applicants are notified on a rolling basis throughout the year.

CONDITIONAL ADMISSION - A limited number of students whose high school and college academic scores do not meet our minimum requirements may be given conditional admission upon recommendation of the admissions committee. These students will not be able to exceed 14 credit hours during the first semester, will work closely with an academic advisor, and will be required to enroll in the Cornerstone Learning Strategies course. Those students admitted conditionally will need to achieve the grade point averages listed in the section "Scholastic Probation, Suspension, and Academic Dismissal" or be placed on academic probation.

WAIT LIST - Depending upon the expected size of the incoming class and the availability of space on campus, some applicants may be placed on a wait list for future review. In some cases an applicant may be placed on the wait list because of past academic performance in which additional documentation may be required. As students are placed on a wait list for admission, appropriate notification will be sent to them which will specify the future review date.

DENIED ADMISSION - The admissions committee determines denial of admission to Cornerstone University. In some cases, students will be asked to pursue course work at a community college before entering Cornerstone University as a full-time student. It is the university's desire to admit students who will be successful at Cornerstone University.

CONSORTIUM PROGRAMS

Several consortium programs exist with area colleges. The requirements for admission to these programs are the same as our traditional degree-seeking program. Questions should be directed to the consortium school's college official or an admissions professional at Cornerstone.

DUAL ENROLLMENT PROGRAM

The Dual Enrollment Program of Cornerstone University allows qualified high school students to take freshman level college courses during high school, at a reduced tuition rate of \$125/credit, plus a technology fee and vehicle registration fee (books not included).

In order to participate in the program, a student must meet the following criteria:

- Minimum 3.0 G.P.A. from high school.
- Completion of the application process.

Dual Enroll students are categorized as non-degree seeking students, limited to enroll in two courses or seven credits per semester with a maximum of 24 credit hours. Please contact the Admissions Office for additional information.

HOME-EDUCATED STUDENTS

Cornerstone University encourages home-educated students to consider furthering their education after completion of their high school curriculum. Students are asked to submit a high school transcript indicating the course work, curriculum and grades received in their program. Further questions should be directed to an admissions professional at Cornerstone.

INTERNATIONAL STUDENTS

International students are required to complete the entire application process with a few additional requirements. Proof of financial support is required by completing the financial support form available from the Admissions Office. It is the responsibility of the student to arrange all necessary financial support for all expenses at Cornerstone University. International students from countries where English is not the primary language are also required to successfully complete the TOEFL (Test of English as a Foreign Language) or the IELTS (International English Language Testing System) examination before admission can be granted. International students are encouraged to communicate by e-mail (admissions@cornerstone.edu).

NON-DEGREE ADMISSION

Persons interested in enrolling at Cornerstone University on a part-time, non-degree seeking basis must complete an online admissions application. A final high school transcript or college transcripts (if applicable), along with a Christian leader recommendation are required as part of the application process. Six credits per semester and a maximum of 24 total credit hours may be taken as a non-degree student. Non-degree students are not eligible for federal, state or institutional financial assistance. A student wishing to be admitted as a degree-seeking student must complete the application process as previously outlined.

READMISSION

Former students who have not been in attendance for one or more semesters (excluding summer session) must apply for readmission. Official transcripts of all studies attempted in the interval should be submitted for review. Application for readmission after three years will require repetition of the total admission process.

A student on academic suspension may be considered for readmission after one semester (or other specified length of time) by petitioning the Academic Appeals Committee. A student on disciplinary suspension should contact the director of community life. A current Christian leader's reference may be required as well as an interview.

Students who have not been enrolled at Cornerstone University during the past three semesters and/or who are enrolling in a major or minor not included in their original catalog should follow the university catalog which is current at the time of readmission.

TRANSFER ADMISSION

Transfer students from other institutions must be in good standing academically and socially from the schools of last attendance. In addition to the other admissions requirements, transfer students must request that all colleges send official transcripts directly to Cornerstone University. Financial obligations to previous colleges must be cared for before full admission will be granted.

FINANCIAL INFORMATION



CHARGES AND FEES FOR ACADEMIC YEAR 2014-2015

TUITION, PER SEMESTER

1 through 11 credit hours, per credit hour	\$941
12 through 17 credit hours, block rate	\$12,271
18 plus credit hours, per credit hour	\$671
(J-term credit hours are included as part of Spring load)	
Summer School, 2014; per credit hour (on-ground)	\$671
Summer School, 2014; per credit hour (on-line).....	\$350
Audit, per credit hour	\$215

ROOM AND BOARD, PER SEMESTER

Room & Board	Meal Plan	Residence Hall Style	Apartment Style
	7 meals (seniors only)	\$3,392	\$3,592
	10 meals	\$3,670	\$3,870
	12 meals	\$3,850	\$4,050
	15 meals	\$4,113	\$4,313
	18 meals	\$4,367	\$4,567
Commuter student life fee (includes 25 meals per semester)			\$250
Residence life fee, per semester			\$100
Supplemental commuter meal plan (25 meals per semester)			\$160

SUPPLEMENTAL FEES

Technology fee, per semester	\$185
Laptop rental fee, per semester (less than 6 credit hours)	\$175
Enrollment application fee	\$25
Replacement I.D. card fee	\$10
Payment plan fee, per semester	\$50
Late payment fee, initial charge	\$100
Late payment fee (monthly, after initial charge if financial obligations not fulfilled)	\$25
Lab fee, per semester (Science, Psych., Sociology, Comp. Science, Stat., etc. Fee may vary; see course description in catalog)	\$60
Independent Study/Directed Reading/Independent Enrollment (per credit)	\$95
Private music lesson fee, per semester:	
One-half hour lessons	\$250
One hour lessons	\$500
Recital fee	\$40
Photography fee, per semester	\$25
Kinesiology fee, per semester	varies
IDS-103 & 106 Course fee (Terra Firma)	\$275
Transcript fee	\$5
Vehicle registration fee, per semester	\$75

HOUSING DEPOSIT

Residence hall deposit	\$150
Campus apartment housing deposit	1-month rent

CAMPUS APARTMENT RENT (includes all utilities and local phone; 1-year lease required)

One-bedroom apartment, per month	\$530
Two-bedroom apartment, per month	\$595

Travel and personal expense figures used for the federal cost of attendance budget can be found at www.cornerstone.edu/tuition-and-fees

PAYMENT OF BILLS

The balance for total tuition, fees, room and board charges is reduced by all financial aid awards a student receives for that semester. If your financial aid award letter includes "Federal Work Study," your account balance will not be reduced by the suggested amount of work study. Bills will be sent to students prior to the beginning of each semester provided the student registers in a timely manner. Students have two choices for paying the balance due:

Pay in Full: Payment due dates for each semester will be indicated on the semester bill.

Payment Plan: Students may choose to pay the balance due in four or five equal monthly installments. Fall semester payment due dates are the 5th or 20th of each month August – December, depending on payment plan chosen. Spring semester payment due dates are the 5th or 20th of each month January – May, depending on payment plan chosen. There is a \$50 payment plan fee each semester. Students who do not pay as arranged on the payment plan may be excluded from using the payment plan in succeeding terms. A full-year payment plan of 10 payments is also available for an \$80 fee.

Late payment fees may be added to accounts not paid as arranged. Accounts are expected to be paid in full before taking examinations, obtaining transcripts, receiving diplomas, or registering for a succeeding term. Accounts not paid as arranged may be submitted to a collection agency. Students are responsible for all collection costs if an account is submitted to a collection agency.

REFUNDS: WITHDRAWAL FROM INDIVIDUAL COURSES

Students withdrawing from individual courses will receive refunds based upon the following schedule:

One week or less	100 percent
Second week	86 percent
Third week	80 percent
Fourth week	73 percent
Fifth week	66 percent
Sixth week	60 percent
Seventh week	53 percent
Eighth week	46 percent
Ninth week	40 percent
After nine weeks	No refund

Appropriate adjustments will be made to financial aid programs following formulas mandated by federal, state and institutional regulations. Students whose enrollment status (i.e. full-time, 3/4-time, 1/2-time) would change if classes were dropped should consult with the Student Financial Services office to determine the extent of these adjustments.

REFUNDS: WITHDRAWAL FROM THE INSTITUTION

Students who cease attending but do not officially withdraw from a course will receive a failing grade for that course. Tuition refunds for students who withdraw during the course of the semester, as well as those who are dismissed or suspended, will be computed as follows:

One week or less	100 percent
Second week	86 percent
Third week	80 percent
Fourth week	73 percent
Fifth week	66 percent
Sixth week	60 percent
Seventh week	53 percent
Eighth week	46 percent
Ninth week	40 percent
After nine weeks	No refund

Room and board will be refunded on a prorated basis. Fees are not refundable after drop/add week. Students who receive financial aid and withdraw from the institution during the semester may be required to return all or a portion of the aid to the appropriate programs. A calculation will be made based on the student's withdrawal date to determine what portion of the financial aid must be returned. Students may request a copy of the refund and repayment policy from the Student Financial Services office.

Federal Title IV Aid – If a student withdraws before completing 60 percent of the semester or period of enrollment, the institution must determine the percentage of Title IV assistance the student has earned. The percent earned is determined by dividing the total number of calendar days in the semester into the number of calendar days completed as of the withdrawal date. Any unearned amount must be returned to the Title IV program(s).

State of Michigan – The state award is reduced by the percent of the tuition and fees originally paid by the state. The student may retain an amount equal to the percent of the actual tuition and fees charged based on the withdrawal date. The remaining amount must be returned to the state.

Institutional Aid – Institutional aid is reduced by the percent of the tuition and fees originally covered by the institutional aid. The student may retain an amount equal to the percent of the actual tuition and fees charged based on the withdrawal date. The remaining amount must be returned to the institutional programs.

REFUND: CANCELLATION OF RESIDENCE HALL HOUSING

Room & Board refunds for students who cancel residence hall housing during course of the semester will be computed as follows:

One week or less (start of term up to 7 days)	86.7 percent
Second week . . . . .	.80 percent
Third week . . . . .	.73.3 percent
Fourth week	66.7 percent
Fifth week . . . . .	.60 percent
Sixth week . . . . .	.53.3 percent
Seventh week	46.7 percent
Eighth week . . . . .	.40 percent
Ninth week . . . . .	.33.3 percent
Tenth week	26.6 percent
Eleventh week . . . . .	.19.9 percent
Twelfth week . . . . .	.13.2 percent
Thirteenth week . . . . .	.6.5 percent
After thirteen weeks	No refund

** each week starts on the day of the week the term starts*

Students must officially check out of their residence hall by contacting their resident director and completing a Room Condition and Inventory (RCI) form. Check out date used will be the date of the RCI and/or date of move out, whichever is later.

FINANCIAL AID

INTRODUCTION TO FINANCIAL AID

Cornerstone University provides financial aid to students who can benefit from further education but cannot do so without assistance. It also seeks to recognize students with exceptional abilities in the areas of academics, athletics and music. The Cornerstone University Student Financial Services office is committed to assisting students in receiving the maximum amount of financial assistance for which they qualify under federal, state, and institutional programs. It is important to keep in mind that the primary responsibility for financing a college education rests with the student and the student's family.

All students wishing to receive need-based financial assistance through federal, state, and/or institutional need-based aid programs must file the Free Application for Federal Student Aid (FAFSA) as soon as possible after Jan. 1 each year. Access the FAFSA at www.fafsa.gov or through the financial aid page of the CU website.

It is important that all requested information be submitted to the Student Financial Services office in a timely manner. Failure to do so will create delays and may result in the loss of aid. When all requested information is received, the Student Financial Services office makes an evaluation to determine student aid eligibility. Notification is sent to students informing them of the types and amounts of their awards. Awards can be viewed on WebAdvisor.

Students may view the institution's federal financial aid policies and procedures in the Student Financial Services office.

REQUIREMENTS TO RECEIVE FEDERAL FINANCIAL AID

Statement of Educational Purpose – A student must be enrolled as a degree-seeking student and must sign a statement indicating that all federal financial aid will be used for expenses related to study at Cornerstone University.

Statement of Refund and Default – A student must not owe a refund on any previously awarded federal grant or loan. A student must not be in default on any Federal loan, or must have made satisfactory arrangements to repay any defaulted federal loan, and have not borrowed in excess of the loan limits under federal programs at any institution.

Selective Service Registration – Male students born after Dec. 31, 1959, are required to comply with Selective Service registration regulations.

Satisfactory Academic Progress – To be eligible for financial aid, students must maintain Satisfactory Academic Progress (SAP) in accordance with the following guidelines:

Qualitative Requirements: The student must meet the appropriate cumulative grade point requirement. Cumulative G.P.A.s are monitored at the end of each semester. Entering freshmen have NO MINIMUM G.P.A. requirement.

1-25 credits completed	1.60 G.P.A.
26-57 credits completed	1.85 G.P.A.
58-ABOVE credits completed	2.00 G.P.A.

Quantitative Requirements: A student must complete his/her program within a period not greater than 150% of the normal program length (measured by credit hours). A student who receives financial aid is required to maintain the following pace to ensure progression towards the 150% completion requirement:

<u>Cumulative Hours Completed</u>	<u>Minimum Percent Completed</u>
1-25	65%
26-57	70%
58+	75%

SAP and all related criteria are evaluated at the end of each academic term for which a student is enrolled.

All regularly accepted and continuing students who do not meet either or both of the above requirements will be placed on financial aid warning. After a semester on financial aid warning, students still not meeting the criteria will have their financial aid suspended.

If a student suffers unusual circumstances and would like to appeal the financial aid suspension, he/she must submit to the Academic Appeals Committee a written explanation regarding noncompliance with these criteria. The Academic Appeals Committee will then determine the academic status of the student. If the student is granted financial aid eligibility, the student will be placed on financial aid probation. The Student Financial Services office will then consider eligibility for financial aid based upon the availability of funds and financial need.

If a student meets the qualitative requirements but does not meet the quantitative requirements and is allowed to continue enrollment, he/she will not be eligible for any type of financial aid until the proper level of progress is attained.

Repeat Courses – Federal rules allow a student to receive federal aid for a course more than once as long as it is not a result of more than one repetition of a previously passed course or any repetition of a previously passed course due to the student failing other coursework. A repeated course will be counted towards the 150% maximum time frame.

Please contact the Student Financial Services office for a copy of the complete SAP policy.

FEDERAL FINANCIAL AID PROGRAMS

Eligibility for federal student financial aid is determined through the annual submission of the Free Application for Federal Student Aid (FAFSA).

Financial aid is typically disbursed in equal disbursements for the fall and spring semesters.

Federal Parent PLUS Loan Program – Parents may be eligible to borrow up to the cost of education minus other aid each academic year. Both interest and principal payments begin 60 days after disbursement of the loan. Credit approval is required.

Federal Pell Grant – This federal program provides grants to students with exceptional financial need. The grant amount is based upon the information provided on the FAFSA each year. There is a lifetime Pell limit of 12 full-time semesters or the equivalent.

Federal Perkins Loan Program – This federal program provides loans to students demonstrating exceptional financial need. No interest accrues, nor is repayment required while the student carries at least a half-time academic load at any institution of higher education. Repayment begins nine months after the student ceases enrollment or graduates. The interest rate is 5 percent.

Federal Stafford Loan Program – This federally insured loan program is available to all students who successfully file the FAFSA. The maximum loan eligibility each year is based on total credit hours earned and dependency status. For those who qualify for a subsidized (need-based) loan, the government pays the interest while the student is in school. The student is responsible for all interest on an unsubsidized loan which accrues from the date of disbursement. Repayment of both principal and interest begins 6 months after the student enrolls less than half-time or graduates. The student must complete online entrance counseling and a master promissory note prior to the initial distribution. There are lifetime limits on the amount a student can borrow and the amount of interest subsidy a student can receive.

Federal Supplemental Educational Opportunity Grant (SEOG) – This grant is awarded to students who demonstrate exceptional need based upon the information provided on the FAFSA. Recipients must be eligible for a Pell grant.

Federal TEACH Grant – The TEACH Grant program provides grant funds to future teachers who agree to serve at least four years as a full-time, highly qualified teacher in a high-need area of study and in a school serving low-income students. Eligible students may receive up to \$3,964 per year in TEACH Grant funds, up to a maximum of \$16,000 for undergraduate and \$8,000 for graduate study. If the recipient does not complete the required four years of teaching service within eight years after completing the coursework or does not meet all other requirements of the program, the TEACH Grant funds will be converted to a Federal Unsubsidized Stafford Loan that must be repaid in full, with interest accrued from the original date of the grant. If the TEACH Grant is converted to a loan, it cannot be converted back to a grant.

Federal Work Study – This program provides work opportunities for students with financial need. Federal funds are used to subsidize part of each eligible student's salary. Students may receive federal work study funds for employment in areas of community service contingent on prior approval by the Student Financial Services.

STATE FINANCIAL AID PROGRAMS

Persons who are legal residents of the state of Michigan as defined by the Michigan Department of Education may receive aid from state programs. Eligibility for state student financial aid is determined through the submission of the Free Application for Federal Student Aid (FAFSA). The current state application deadline for priority consideration is March 1.

Consideration is given to applications received prior to June 30 and is based on availability of funds.

Michigan Competitive Scholarship – The award is available to students attending either private or public Michigan colleges. A qualifying score must be achieved on the ACT exam, and financial need must be established by filing the FAFSA before March 1. Lifetime eligibility is limited to 10 full-time semesters or the equivalent.

Michigan Tuition Grant – The grant is available to students attending independent non-profit Michigan colleges. Awards are based on financial need only. Application is made by filing the FAFSA prior to June 30. Students may only receive either the Michigan Tuition Grant or the Michigan Competitive Scholarship at any one time. Lifetime eligibility is limited to 10 full-time semesters or the equivalent.

INSTITUTIONAL GRANT AND SCHOLARSHIP PROGRAMS

To be eligible for need-based university gift aid programs, a student must submit a Free Application for Federal Student Aid (FAFSA). A student must be enrolled full-time as a degree-seeking student in a traditional undergraduate program. Students who have previously earned a bachelor's degree are not eligible for institutional aid. Priority consideration is given to students with financial need who have completed their FAFSA by March 1. In many cases, students only need to complete the FAFSA to be considered for these awards. Some upperclassmen awards require completion of an institutional scholarship application. Contact the Student Financial Services office for additional information. Applications are available on the Student Financial Services website. Conditions for receiving an endowed or restricted fund institutional scholarship include attendance at the Legacy dinner and the writing of thank-you notes to the donors or donor representatives. The Advancement Office will provide further details regarding these conditions to recipients.

Abraham Kuypers Journalism Scholarship – This scholarship was established by an anonymous donor in memory of Abraham Kuypers the late Dutch newspaper editor, theologian/pastor and politician. He founded a Calvinist-oriented newspaper (1872), was elected to the national assembly (1874), formed the first organized Dutch political party, founded the Free University at Amsterdam (1880), founded the Reformed Churches in The Netherlands (1892). As prime minister of The Netherlands (1901-05), he advocated a wider franchise and broader social benefits. This scholarship is granted to early enroll students participating in Cornerstone University journalism courses while still in high school. The scholarship is given to help high school students who possess the potential to become outstanding journalists at media companies in West Michigan, Michigan and across the United States of America.

Amanda and Michael Nielsen Children's Ministry Scholarship – This scholarship is awarded to undergraduate students who are pursuing a career in children's ministry in a local church or para-church organization following graduation or for a student serving in summer camping ministries. Application is made on the institutional scholarship application.

Athletic Scholarships – Awards are based on proven athletic ability. Athletic scholarship information may be obtained by contacting the athletic director or coach directly.

Dr. Raymond E. Bartholomew Scholarship – The scholarship was established in memory of Dr. Raymond E. Bartholomew, esteemed Cornerstone professor of English literature and language from 1971 to 1983. This scholarship is intended to encourage undergraduate students committed to pursuing careers in publishing or professional writing by enabling them to successfully complete their degrees in Humanities (Creative Writing or Literature) or Journalism (News-Editorial) at Cornerstone University.

Belden Brick and Supply Architectural and Masonry Scholarship – This \$1,000 scholarship is provided to assist undergraduate students whose parents or grandparents are associated with the masonry, architectural or home building professions. Priority is given to employees of Belden Brick & Supply. Applicants must be high school students with a 3.0 G.P.A. or undergraduate students with a 2.5 G.P.A.. Application is made on the institutional scholarship application.

Bernie and Marge Mollema Multicultural Ministry Scholarship – This scholarship was created to financially assist Cornerstone University students entering full-time multicultural (Hispanic preferred) ministry after graduation. Applicant must maintain a minimum 3.0 G.P.A. Application is made on the institutional scholarship application.

Bertha Dewey Stock Memorial Scholarship – These funds are awarded to married students who have completed 60 credit hours and are preparing for full-time Christian ministry. Recipients must demonstrate financial need. Application is made on the institutional scholarship application.

Billy Zeoli/Gospel Communications International Scholarship in Christian Communications – This scholarship was established to honor the contributions of Billy Zeoli to the field of Christian Media Communications and will provide financial assistance to students seeking a career in the field of media production who desire to make an impact on the culture through media. Sophomore or greater status with a minimum 3.25 GPA is required. Selection will be made by the media faculty.

Bronkema Family Scholarship – This \$1,000 scholarship is granted to a full-time female student facing unusual family and financial challenges. Applicant must maintain a 2.35 G.P.A. Application is made on the institutional scholarship application.

Capital Region Community Foundation Davis Fund Scholarship – This scholarship is awarded to a resident of Ingham, Eaton, or Clinton County (Michigan). Selection criteria include proven superior ability, scholarship and character. Application is made on the institutional scholarship application.

Catherine Ross Wirtz Elementary Education Scholarship – This scholarship was established to provide assistance to students endeavoring to become elementary and middle school teachers. Candidates must have a record of service to the Lord and mankind, and must be accepted into the teacher education program with a minimum 3.0 G.P.A.. Financial need will be considered. Application is made on the institutional scholarship application.

Chancellor's Scholarship – Available to incoming students based on high school G.P.A. and ACT scores. The maximum amount for first-time students is \$9000. Maximum amount for transfer students is \$7500. The scholarship is renewable.

C. John Miller Business Leadership Scholarship – This \$1,000 scholarship is provided for upperclassmen who have demonstrated exceptional potential for leadership in business. Application is made on the institutional scholarship application.

Cornerstone Need Grant – The grant is awarded to students who meet specific need criteria based on a student's EFC, academics, residency plans and other gift aid. The amount of the award is determined based on the same criteria.

Cornerstone University Ministry Major Grant - This grant is awarded to Michigan residents who are ineligible for the Michigan Tuition Grant due to their enrollment in a Christian ministry major. Students must have attained junior or senior status and otherwise demonstrate eligibility for the MTG to be eligible for this grant. The amount of the grant is one-half of the estimated state grant eligibility for the year.

Dean's Scholarship – Available to incoming students based on high school G.P.A. and ACT scores. The maximum amount is \$8000 for first-time students and \$6500 for transfer students. The scholarship is renewable.

Dorothy J. and Clinton J. Christoff Scholarship – Eligibility is for a student living in or attending school in the Lowell school district. One \$1,000 scholarship will be given annually to a candidate who demonstrates "service above self." Selection is by the Lowell Rotary Club scholarship committee.

Dr. Raymond E Bartholomew Scholarship – This scholarship was established in memory of Dr. Bartholomew, Cornerstone professor of English literature and language from 1971 to 1983. Recipient must be a junior or senior undergraduate student pursuing a career in the fields of professional writing or publishing and have established involvement and leadership in on-campus publications or off-campus internships in related fields. A 3.7 GPA or higher and essay are required. Financial need is not a factor. Candidate is chosen by the faculty of the Humanities division and Communication and Media division.

Edward R. Powell Family Scholarship – This scholarship recognizes students majoring in media studies who intend to pursue careers in secular organizations in order to be "salt and light" as described in Matthew 5:13-16. The applicant must have completed at least 60 credit hours toward a degree at Cornerstone. Application is made on the institutional scholarship application.

Elijah P. Lovejoy Journalism Scholarship – This scholarship is named after Elijah Lovejoy. Mr. Lovejoy demonstrated the courage of his convictions in the face of great peril to his personal safety and without the advantage of today's well-established press freedoms. He is known as the first American martyr to the freedom of the press when he was shot and killed in Illinois for using his newspaper to strongly oppose slavery during the mid-1800s in the United States. This scholarship may be granted to a journalism major who possesses the potential to become an outstanding journalist and/or commentary writer.

Ernest and Yvonne Rogers Scholarship – This scholarship was established to financially assist music majors entering their sophomore or junior year who demonstrate exceptional instrumental or vocal ability and are actively involved in a church music ministry during the academic year. The recipient must maintain a 3.0 G.P.A. Application is made on the institutional scholarship application.

Esther Gilbertson Scholarship – This scholarship is reserved for continuing students preparing for vocational ministry. A cumulative 3.0 college G.P.A. and financial need is required. Application is made on the institutional scholarship application.

Ethel M. Collins Children's Education Scholarship – This scholarship assists sophomore, junior or senior students with demonstrated financial need who are majoring in teacher education and preparing for a teaching profession ministering to children. Application is made on the institutional scholarship application.

Eugene S. Pulliam Promising Journalist Scholarship – This scholarship is awarded to a journalism major who shows great potential. The applicant/recipient may be a freshman, sophomore, junior or senior, who is committed to majoring in and pursuing a career in journalism. Students may apply for and receive the scholarship more than once. The applicant should possess above-average grammar, spelling and writing skills, as well as a keen desire to work on campus media and pursue professional experience through off-campus internships.

The Frank H. Gordon Memorial Scholarship – This scholarship of \$1,500 is awarded by vote of the music department faculty to the outstanding junior music major.

Ginger Coburn Memorial Scholarship – This scholarship assists female teacher education students with the cost of education at Cornerstone University. Priority is given to students from Alpena County, Mich. Applicants must have 60 earned credits and a minimum cumulative 3.0 G.P.A. Application is made on the institutional scholarship application.

Glenn and Barbara Steil Scholarship – This scholarship assists undergraduate students over the age of 21 who have completed two years of college course work and demonstrate financial need. The recipient must have a minimum 2.0 G.P.A. Application is made on the institutional scholarship application.

Gloria Baker Endowed Kinesiology Award – The Gloria Baker Endowed Kinesiology Award is granted yearly to a junior or senior student who demonstrates the qualities necessary to become successful in the field of Physical Education or Exercise Science. Selection is made by the Kinesiology Department faculty.

Grand Rapids Foundation Scholarship – The Grand Rapids Foundation provides scholarships for sophomore, junior and senior students. Applicants must have been residents of Kent County for a minimum of three years, have a minimum 3.0 G.P.A. and demonstrate financial need. Applications are available on the Student Financial Services office website.

Howard and Mary Simms Memorial Scholarship – This scholarship assists students majoring in social work with demonstrated growth and intentional work in several arenas, and who demonstrate financial need. Application is made on the institutional scholarship application.

International Student Grant – These scholarships are available to international students who have financial need and are not eligible to receive assistance through the federal student aid programs. Eligibility is determined by the director of admissions and the director of Student Financial Services, based on a student's financial situation. The maximum amount is \$3,000.

Jabez Urban Scholarship - The Jabez Scholarship Fund was created to recognize inner-city students with great potential, educate them in a Christ-centered atmosphere, and prepare them to distinguish themselves as people of professional agility, integrity and spiritual depth in order to influence our world for Christ. Selection is made by the Cornerstone Scholarship Committee.

Kent and Hazel Hagel Endowment – The Kent and Hazel Hagel Endowment Fund was established to financially assist students preparing for full-time Christian work who are entering their junior or senior year and maintain a minimum G.P.A. of 3.0. Application is made on the institutional scholarship application.

The Lukas Squires Memorial Scholarship – This scholarship was established to financially assist an undergraduate student with a declared youth ministries major or minor who has overcome a personal hardship. The recipient must maintain a 2.5 G.P.A. Application is made on the institutional scholarship application.

Margaret Ward Music Scholarship – This scholarship is provided for students who have demonstrated financial need, are majoring in music with an emphasis in piano or voice and have a minimum 3.0 G.P.A. Application is made on the institutional scholarship application.

Meryl Welch Musical Arts Endowed Scholarship – This fund financially assists students in their commitment to exhibit excellence in the field of music. Application is made on the institutional scholarship application.

Multicultural Scholarship – This award is available to students who are part of a recognized minority group and who meet specific institutionally determined need requirements. Filing of the FAFSA is required.

Music Scholarship – Renewable scholarships are awarded to students in various designated areas of study (i.e. voice, keyboard, brass, woodwinds, etc.). Recommendations for awards are submitted by the music department faculty. Entering students must complete an application and will be expected to audition in person before the music faculty (or send an audition tape if a visit to campus is not possible). Recipients must adhere to contractual obligations, including participation in the appropriate applied lessons and large ensemble.

Orpha Galloway Endowed Music Award – This award is granted yearly to a junior or senior who has significantly contributed to the spring musical production with demonstrated excellence and commitment, and who exhibited a dedication to a Christian lifestyle and a professional work ethic.

Outstanding Female Athlete Scholarship – This scholarship is intended to recognize outstanding female student athletes who have displayed outstanding Christian character, leadership, and involvement in Cornerstone University. The student must have earned a minimum of 60 credit hours. Nominations are made by the Athletic Advisory Committee.

Outstanding Scholar Award – This scholarship recognizes National Merit scholarship finalists. It is available to students who enroll at Cornerstone by the beginning of the third semester after the student graduates from high school. Recipients are eligible to receive the award for up to ten semesters at Cornerstone University and the award is renewable by maintaining a cumulative G.P.A. of 3.5. After a student has earned a degree, he or she is no longer eligible to receive the award. The finalist award may be used to cover summer courses and J-term courses through the summer following the tenth semester of enrollment. Finalists will receive a \$12,000 scholarship. Total institutional aid and Michigan Tuition Grant, or Competitive Scholarship for recipients of either award may not exceed total tuition. The award may not be used for off-campus programs such as CCCU programs.

Partners for Success Award – Available to incoming students based on high school G.P.A. and ACT score. The maximum amount for first-time students is \$6000. The maximum amount for transfer students is \$5500. The scholarship is renewable.

Paul Gordon Family Endowed Scholarship - This scholarship was established to assist three financially needy students who demonstrate good citizenship, give evidence of strong Christian character, and maintain a minimum 3.0 GPA. Application is made on the Paul Gordon Family Scholarship Application.

Phi Theta Kapa Scholarship – This scholarship is designed to award students who transfer from a community college with Phi Theta Kappa membership. Phi Theta Kappa is a prestigious college honor society and Cornerstone University values student involvement. The scholarship adds \$1,000 to the recipient's academic scholarship. Students with a 3.7 or higher G.P.A. and Phi Theta Kappa membership can apply by filing the Phi Theta Kappa Application.

Presidential Scholarship – Available to incoming first-time students based on high school G.P.A. and ACT score. The maximum amount is \$10,000. The scholarship is renewable.

Renee K. Spaanstra Memorial Scholarship – This scholarship was established after the death of Renee Spaanstra, an employee of Cornerstone's Student Financial Services office, to financially assist undergraduate single parents with children under the age of 18. Secondary consideration is given to undergraduate students who face domestic hardship that results in loss of financial support. The recipient must be at least a sophomore, enrolled six credits or more, and demonstrate financial need. Application is made on the institutional scholarship application.

Resident Need Grant – Awarded to students living in university residence halls who demonstrate financial need. Funds are available to students meeting specific criteria based on a student's EFC, academics, residency plans and other gift aid. The amount of the award is determined based on the same criteria.

Richard and Doris Baker Learning Center Endowment – This endowment was created to develop the learning center staff and programming and to provide scholarships to learning center students who face emotional, physical or educational challenges. Nominations for scholarships are made by faculty or staff, and the amounts vary based upon funding.

Robert and Ruth Lanting Endowed Scholarship - The student candidate must be committed to Christian ministry or mission work and demonstrate financial need. Application is made on the institutional scholarship application.

The Ronald B. Mayers Religion Major Award - This \$1,000 scholarship is provided to a student on the basis of scholarship (3.3 G.P.A.), vocational ministry aspirations, and seminary education expectations. It is awarded to a student in his or her junior year who is selected by the faculty of the Bible, Religion and Ministry Division. Application is made on the institutional scholarship application.

Ronald Meyers Scholarship - The Ronald Meyers Science Scholarship is granted yearly to a student who demonstrates the qualities necessary to become a successful scientist. Recipient is selected by the science department faculty and must be a full-time junior or senior science major with a 3.6 higher cumulative G.P.A. An essay may be required.

Samuel L. Westerman Scholarship - This scholarship is awarded to students who have earned at least 60 credit hours with financial need, and who have demonstrated active involvement in community and/or church related work. Application is made on the institutional scholarship application.

Servant Leadership Award - The \$1000 Servant Leader Award identifies and recognizes students entering their senior year who are chosen by their peers and faculty as servant leaders in the areas of ministry and community service. This award serves as an effective instrument to the entire educational community by promoting the ideals of service that substantially benefits others. Application is made on the servant leadership application which can be obtained from the Dept. of Student Development.

Stewart-Woodward Accounting Scholarship - This endowed fund was established by Scott Stewart, Cornerstone University Controller to honor his grandfather Robert Woodward and to financially assist undergraduate junior and senior Cornerstone University students preparing for a career in accounting. Application is made on the Institutional Scholarship Application.

Study-abroad Scholarship - Students participating in a study-abroad program may be eligible for this scholarship. The amount of the scholarship may be up to 100% of a student's normal institutional aid depending on available funds and whether it is an international or domestic program.

Sylvia King Music Scholarship - This scholarship is provided for the undergraduate student who has demonstrated financial need, is majoring in music with an emphasis in piano or voice and has a minimum 3.0 G.P.A. Application is made on the institutional scholarship application.

T. M. Branch Scholarship - This scholarship was provided by the Thomas M Branch family to support baseball athletes with financial need and is awarded annually by the athletic department.

The Victor Matthews Center for Leadership (CLD) Award Program Scholarship - This scholarship was created to financially assist undergraduate students who have completed the CLD program and are enrolling full- time at Cornerstone University. Selection is made by the Office of Admissions. Contact them for application details.

Wendell K. Babcock/Grand Rapids School of Bible and Music Alumni Children's Scholarship - To be eligible, a student must be the child of a GRSBM alumnus with demonstrated financial need. An eligible student may receive up to \$1,500 per academic year. Application is made on the institutional scholarship application.

William J. and Nora J. Bolthouse Scholarship - Students from Ensley Baptist Church of Sand Lake, Michigan, and children of employees or the employees of William Bolthouse Farms, Inc. are given first priority to receive this scholarship. Demonstrated financial need is required. Application is made on the institutional scholarship application.

ACADEMIC INFORMATION



(Refer to the Professional & Graduate Studies catalog for academic information related to accelerated programs.)

ACADEMIC ASSISTANCE

The Learning Center at Cornerstone functions in a dual role as both an academic resource center and a disability accommodations center. In the first capacity, the Learning Center will provide tutoring services and academic support to the traditional undergraduate community on an “as needed” basis. In the second capacity, the Learning Center will be the contact point for all disability services on campus, including academic and otherwise. In addition to the Learning Center, the Writing Center provides writing tutors for the traditional undergraduate community.

The following courses are offered for students requiring additional academic support. These courses may be counted for purposes of financial aid, sports eligibility and G.P.A., but do not count toward the total hours required by the institution for graduation.

DEPARTMENT AND LEVEL/COURSE NAME	CREDITS/FREQUENCY (See page 59 for codes)
CLC-100 CLC Learning Strategies	2/1
An introduction to university learning strategies designed to provide each student with an opportunity to assess learning styles, priorities, values and cognitive skills. The course will feature a combination of lectures, group activities, guest speakers, personal assessment inventories and study skills development exercises.	
ENG-099 Basic Writing	2/1
An individually paced course in the basic techniques for effective written communication as preparation for ENG-114 College Composition.	
MAT-096 Pre-Algebra	2/1
An individualized review of applied arithmetic. Patterns leading to operations with fractions, decimals, percents and proportions. Graphing, drawing, probability and spreadsheet tools are used in technology activities to learn problem-solving strategies, numerical geometry, pre-algebra, and basic statistics concepts. Prerequisite: The Math Placement Examination. Credits earned in this course do not count toward graduation.	

ACADEMIC CALENDAR: SEMESTER AND HOURS

The academic year is divided into two semesters of 14 weeks each. A semester hour represents one class period of 60 minutes per week for one semester. Students register for approximately 16 hours per semester. Students may register for more than 18 hours when a completed 18-hour limit waiver form is submitted to the Registrar’s Office.

ACADEMIC INTEGRITY

As a Christian institution of higher education, Cornerstone University seeks to maintain the highest standards of academic integrity. The faculty trusts the integrity of Cornerstone students and encourages them to maintain the integrity of the faculty-student relationship. Academic dishonesty, therefore, is a serious breach of university standards and will result in substantial penalties. Violations of academic integrity include:

Plagiarism: Willfully submitting as part or all of one’s own work material that is copied or paraphrased from another source, including on-line sources, without proper acknowledgment of that source.

Cheating: Using unauthorized material or study aids for assistance on examinations or other academic work. Examples include but are not limited to: looking at a peer’s exam, altering a graded exam, using notes without permission, etc.

Fabrication: Submitting altered or contrived information in any academic assignment. Examples include but are not limited to: falsifying data, text material, or sources.

Facilitating academic dishonesty: Helping another student violate this policy. Examples include but are not limited to: allowing one's work to be copied, working together on an assignment where collaboration is not allowed, doing work for another student.

APPEALS PROCESS

- A student who feels that he or she has been unfairly accused or unjustly treated may appeal the decision to the appropriate division chair. Such appeals shall be made in writing within seven days of notification of the decision.
- If a professor or student deems that the case has not been resolved satisfactorily and that a more comprehensive university response is needed, he or she may appeal to the Dean of Undergraduate Education.
- Final appeals shall be made to the Provost.
- In the case of a successful student appeal, the record of the offense will be expunged from the student's life.

ACTION REGARDING VIOLATIONS OF ACADEMIC INTEGRITY

Violations of the academic integrity policy will result in the following actions:

First Offense: Faculty Response:

- File a written report with the Dean of Undergraduate Education for Undergraduate Education.
- The student will receive no credit for the assignment or test on which he or she has been dishonest.
- More severe penalties may be imposed if such penalties are announced in the course syllabus.

Dean of Undergraduate Education Response:

- A file will be created recording the student's violation of the academic integrity policy.

Second Offense: Faculty Response

- File a written report with the Dean of Undergraduate Education for Undergraduate Education.

Dean of Undergraduate Education Response:

- The student's file will be updated to reflect a second violation of the academic integrity policy.
- Written notification will be given to the faculty member who reported the academic policy violation indicating that the student who violated the academic integrity policy will fail the course.
- Written notification will be given to the Vice President for Student Development who will implement an accountability and mentoring plan for the student.

Third Offense: Faculty Response:

- File a written report with the Dean of Undergraduate Education for Undergraduate Education.

Dean of Undergraduate Education Response:

- The student's file will be updated to reflect a third violation of the academic integrity policy.
- Written notification will be given to the faculty member who reported the academic integrity policy violation indicating that the student who violated the academic integrity policy will fail the course.
- The student will face suspension or dismissal from the university.

The student's Academic Integrity file will be destroyed upon graduation.

Education Regarding Academic Integrity Policy

Cornerstone University shall make all students and faculty aware of this policy by publishing it in the Student Handbook and the Faculty Handbook. Furthermore, faculty will reference the policy in their course syllabi. However, ultimate responsibility for knowledge of and compliance with this policy rests with the student.

ATTENDANCE POLICY

Students are expected to attend all classes. Class attendance is directly related to a student's performance, and performance is enhanced by class attendance.

Students who anticipate an absence due to official co-curricular participation should consult with the professor in advance and, if possible, complete any scheduled work in advance of the absence. Faculty or others in charge of a co-curricular activity will provide the faculty with a list of students participating prior to any activity that would remove students from classes.

All faculty are required to include an attendance policy in each course syllabus. In addition, faculty will record the absences of students in all classes. Whenever a student does not attend class in accordance with the attendance policy recorded in the syllabus, the professor will take appropriate action. The nature of the action should relate to the excessiveness of the absenteeism. Any student who misses 1/3 or more of the scheduled meetings of a class automatically fails the course.

As much as possible, official school functions that require student participation should not be scheduled as to require absence from classes. No official co-curricular participation may be scheduled during the final exam period.

AUDIT POLICY

Students may audit courses for the cost of \$215 per credit hour. Audited courses do not include honor points (G.P.A.) or credits toward graduation. Applied music and physical education courses are not open to auditors. Audit status does not count toward full-time enrollment.

Changes from credit to audit and vice versa will not be permitted after the first week of the semester (drop/add period).

CLASSIFICATION OF STUDENTS

Students are officially classified according to the semester hours of credit they earn:

Freshman: 1-25 semester hrs. Junior: 58-89 semester hrs.
Sophomore: 26-57 semester hrs. Senior: 90 + semester hrs.

CORRESPONDENCE CREDIT

A maximum of 30 semester hours of credit earned by correspondence or extension may be applied toward a degree. Such work should be taken only from well recognized correspondence programs through accredited institutions. Currently, correspondence work is accepted from a number of accredited institutions.

Students interested in taking correspondence courses should receive approval from the Registrar's Office before registering for the courses. Correspondence courses intended to fulfill degree requirements should be certified as equivalent by Registrar's Office personnel before the course is taken and by completion of the transfer pre-approved form.

COURSE CHANGES

All adjustments of academic schedules are processed in the Registrar's Office when accompanied by a drop/add form signed by appropriate faculty member. Courses may only be added before or during the first week of each semester. Courses that are dropped will be recorded as follows on the student's record:

Before end of Drop/Add Period No record on transcript
Before end of 10th week W - no effect on G.P.A.
After end of 10th week W/P or W/E (W/P - no effect on G.P.A., W/E - treated as an F for G.P.A. calculation)
After end of 14th week W/E - treated as an F for G.P.A. calculation (no W/P option)

W = Withdrawn W/P = Withdrawn - passing W/E = Withdrawn - failing

A student who wishes to withdraw from all of his or her classes shall complete a withdrawal form to be obtained from the Retention Office. The student must obtain the proper signatures and return the form before being considered officially withdrawn.

All adjustments of academic schedules must be made by permission of the Registrar's Office. Before such permission will be granted, the student must consult with their faculty advisor and needs the signature of the chair in some cases. Drop/Add slips are used to process such changes. After the drop/add period, the instructor of the course must also sign the drop/add slip. No charge for dropping and adding courses will be made during the drop/add period designated in the university calendar (the first week of classes).

CREDIT BY EXAM

A student may be granted advanced placement or college credit on the basis of examination. Amount of credit and level of placement are determined by the undergraduate academic committee. Credit for advanced standing can be acquired by the following means:

1. Advanced Placement Program of the College Board with scores of 3, 4, or 5. Scores of 4 or 5 are necessary for awarding credit; a score of 3 will permit waiver of the course. Students who intend to enter the university under this program should arrange to have their Advanced Placement examination records sent to the Office of Admissions.
2. College Level Examination Program (CLEP) with scores at or above 50.
3. Defense Activity for Non-Traditional Education Support (DANTES) Subject Standardized Tests (DSST's) with scores meeting or exceeding the minimum score recommendation provided by the American Council on Education.

Credit awarded for examination (Advanced Placement, CLEP, or DANTES) will not be permitted for courses previously waived (on the basis of ACT scores or by instructor permission) to permit enrollment in an advanced course.

Students are encouraged to verify the course equivalent with the Registrar's Office prior to writing one of the exams. A maximum of 30 credit hours earned by CLEP, Advanced Placement and/or DANTES may be applied toward a degree program. No charge will be assessed for the processing of Advanced Placement, CLEP or DANTES credits.

DEAN'S LIST

At the end of each fall and spring semester the Dean's List will be published with the following requirements:

1. A student must earn a 3.5 G.P.A. for that semester.
2. A student must be enrolled as a full-time student (12 credit hours).
3. A student must complete all courses by the end of the semester when grades are reported by the faculty. Any "incomplete" will remove a student's eligibility for the Dean's List.

DEGREES OFFERED

1. Associate of Arts: (A.A.), 59 semester hours. (See Teacher Education Division for specific requirements.)
2. Associate of Science – Business Studies: (A.S.), 60 semester hours. (See the Professional and Graduate Studies catalog for specific requirements.)
3. Bachelor of Arts: (B.A.), 129 semester hours. Majors: See the complete listing of majors in the B.A. degree in the Degree Information section.)
4. Bachelor of Music: (B.Mus.), 129 semester hours. Majors: Music Education (K-12), Performance and Performance (Contemporary Christian Music). (See the Music division for specific requirements.)
5. Bachelor of Science: (B.S.), 120 semester hours. Majors: See complete listing of majors in the B.S. degree in the Degree Information section. (For Business Administration, Management, Management with Ministry Leadership Specialization, see the Professional and Graduate Studies catalog for specific requirements.)
6. Master of Arts: (Education) (M.A.) See the Professional and Graduate Studies catalog for specific requirements.
7. Master of Arts: (Ministry Leadership) (M.A.) See the Grand Rapids Theological Seminary catalog for specific requirements.
8. Master of Business Administration: (M.B.A.) See the Professional and Graduate Studies catalog for specific requirements.
9. Master of Science (Management): (M.S.) See the Professional and Graduate Studies catalog for specific requirements.

DIRECTED READING (470)

Directed Reading is an option in the major or minor for students who possess a 3.0 cumulative G.P.A. and who have reached junior class standing. Students must secure the permission of the faculty member with whom they will be working as well as the chair of the division in which the study will be taken. Eligible students must complete the application form as well as a proposal of the title, tentative bibliography, nature and scope of the work to be accomplished before registering.

For each credit of Directed Reading desired, 1,500 pages of reading are required. Grades of “A” through “F” are assigned. The student is responsible to assume the initiative in completion of the course. Directed Reading courses may not be substituted for courses listed in the catalog.

A Directed Reading course not finished in the semester for which the student enrolled may be given an incomplete with approval from the chief academic officer or division chair. If unfinished by the deadline by which the incomplete must be removed (see Incomplete Grades), the grade will be changed to an “F.”

Faculty members are limited to a total of two Independent Studies and/or Directed Readings during a given semester. Division chairs will be responsible for determining the appropriateness of the study plan and credits to be awarded for the Directed Reading. The faculty and student will interact on a regular and substantive basis to assure progress of the directed reading. A fee of \$95/credit hour will be charged to the student for each Directed Reading.

EDUCATIONAL POLICY

While all students must follow academic programs as listed in the catalog in effect at the time of entrance or re-admission to the university, any changes instituted by academic policy councils or faculty decision becomes effective immediately unless otherwise stated and may differ from the entering catalog.

ENGLISH COMPETENCY

English placement is based upon ACT information provided at the time of enrollment. Students placed in classes lower than ENG-212 must progressively move to the next level course (i.e. A student enrolled in ENG-099 must also take ENG-114 and ENG-212.)

ENROLLMENT STATUS

For federal financial aid calculations, all students are considered to be enrolled full-time if they are enrolled in 12 or more credits. Aid is calculated based on formulas related to a student’s academic year, federal payment periods and the federal award year.

For state financial aid calculations, enrollment status is based on the number of credits for which a student is enrolled for a given term. The full-time enrollment status for state programs is 12 or more credits per term.

FIELD PRACTICUM (SOCIAL WORK)

In their senior year, Social Work students participate in a required field practicum experience under the supervision of an experienced social worker for a minimum of 440 hours. This provides opportunity for hands-on training and application of theory, knowledge and skills to actual situations in a variety of settings. Student field practicum placements have included adoption and foster care agencies, crisis pregnancy centers, juvenile court, hospitals, nursing homes, child and adolescent group homes, community mental health and residential treatment centers.

To enroll in the field practicum, students must achieve senior status (i.e., completed 96 credit hours) and have approval from the Social Work Department faculty. Students register to take SWK-450 Field Practicum I and SWK-451 Field Practicum Seminar I concurrently in the fall, then SWK-460 Field Practicum II and SWK-461 Field Practicum Seminar II concurrently in the spring.

GLOBAL STUDIES REQUIREMENT

In order to fulfill the Global Studies requirement in the core, students must choose **one** of the following options:

1. Minimum two-week international study experience as approved by International Programs Committee.
2. A minimum three-credit cross-cultural internship as approved by the division.
 - Cross-cultural internships are approved by the division. However, the International Programs Committee advises that to be considered cross-cultural, an internship should include significant immersion in a cultural setting different from the predominant cultural experience of the student intern.
3. A Global studies course as approved by the International Programs Committee, UAC and Faculty Senate.

GRADES AND HONOR POINTS

The student's scholastic standing is indicated both by grades and honor points. The student earns honor points in accordance with grades as follows:

BUS-215	International Business Experience	LIN-100	Language in Culture
BUS-317	International Business	MGT-339	International Management
CMI-243	Introduction to Intercultural Studies	MKT-359	International Marketing
COM-311	Intercultural Communication	PSY-480	Cross-Cultural Psychology
ECN-335	International Economics	SOC-352	Intercultural Communication
ECN-215	International Business Experience	SOC-417	Minorities
EDU-363	Diverse Populations/Diff. Instruction	SSC-312	World Affairs
		SWK-417	Human Diversity

Grade Interpretation Honor Points (per class hour)

A	Exceptional	4.00
A-		3.70
B+		3.30
B	Good	3.00
B-		2.70
C+		2.30
C	Average	2.00
C-		1.70
D+		1.30
D	Below Average	1.00
D-		0.70
F	Failure	0.00
CR	Credit Received	W (Withdrawn)
F/W	Failed to Withdraw	W/E (Withdrawn - Failing)
I	Incomplete	W/P (Withdrawn - Passing)
NC	No Credit	

GRADE POINT AVERAGE (G.P.A.)

The G.P.A. is computed by dividing the total number of credits attempted into the total number of honor or quality points. Credits and honor points are not given for courses in which the grades "W/P," "W/E" and "I" have been received. "W/E" is considered when figuring the G.P.A.

GRADUATION AWARDS

The following departmental awards are typically presented at the annual Honors Convocation chapel in recognition of high academic achievements.

Bible, Religion & Ministries - The criteria for the Bible, Religion, and Ministry Division award are: academic performance, attitude in the classroom, potential for ministry, involvement in ministry while at Cornerstone, evidence of God's calling for ministry in one's life, and attitude toward and acceptance by one's peers and professors. The recognized student is a positive catalyst for ministry among one's colleagues.

Business Division Academic Excellence Award - The Business Division Academic Excellence Award is presented to the student in the Division of Business who demonstrates the highest degree of academic excellence, exhibits leadership within the division, promotes a Christian worldview through his or her character, community and campus involvement and exhibits a high level of business competency.

Communication & Media - The Division of Communication and Media is pleased to give its highest award to the senior majoring in Communication Arts who best demonstrates the following criteria: excellent academic performance, skills and proficiency in communication, and Cornerstone University's distinctives of leadership, citizenship and Christian world view.

Music - The Outstanding Senior Music Major Award is given to that senior who has exemplified the values of the division by a history of outstanding service to the collegiate community as demonstrated by high scholastic achievement and musical

excellence. Through distinction in the area of performance, composition, music ministry or music education, this student has proven his or her potential to excel in the field of music as a professional.

Humanities – The Humanities Division employs the following criteria when choosing its divisional award winner: academic performance, general attitude and outlook on life, on-campus involvement, community involvement, and other special items of consideration.

Kinesiology, Science & Mathematics – This award is given to a student who has exhibited commitment to academic excellence, very strong likelihood of professional success in a chosen field, impeccable moral character and desire to serve mankind for the glory of God, and significant contribution to the campus community with a positive attitude and spiritual sensitivity.

Social Science – The Social Sciences Division award is given to the student who best exemplified high academic achievement, spiritual maturity, involvement in on-campus and/or off-campus activities with plans for graduate work in one of the disciplines represented.

Teacher Education – The Outstanding Student Educator Award is given to a student who has demonstrated in class, in field experiences, and in personal life the knowledge, skills and Christian character to think critically, to enable positive change in themselves, their society, and the environment as servant leaders to their students and others to bring glory to God.

GRADUATION HONORS

Three groups are recognized at graduation. Those graduating Cum Laude must achieve a G.P.A. of not less than 3.60; Magna Cum Laude, 3.70; and Summa Cum Laude, 3.85. For the purposes of Honors Convocation (awarding of honor cords) and recognition at Commencement, the determination of those eligible for honors will be made as of the end of the fall semester. The final transcript and diploma will record graduation honors as of the completion date of the student's entire program.

To be eligible for graduation honors for the Bachelor degree the student must complete 64 semester hours of credit in residence (32 hours for associate degrees). The G.P.A. will be calculated on work completed at Cornerstone University only.

GRADUATION REQUIREMENTS

To be eligible for graduation, students must fulfill the following conditions:

1. General Education Core (see pages 47-51 for specific degree requirements). Required for all majors unless otherwise specified. Where requirements for general education core differ from this listing, these core requirements are specified under individual majors. (Teacher education students see additional requirements in the Teacher Education Division section.)
2. Bachelor of Arts degrees and Bachelor of Music degrees require completion of 129 credit hours, including the hours prescribed for general education core, a major, and one minor (major = 30 minimum of credit hours; minor = minimum of 18 credit hours). (Exceptions include: B.Mus. no minor required; elementary education students may have three minors or one major and a minor; accounting, finance, humanities, international business management, marketing and sports management majors do not need a minor.)
3. Bachelor of Science degrees require completion of 120 credits, including the hours prescribed for general education core, a major and one minor (major=minimum of 30 credit hours; minor=minimum of 18 credit hours). (Exceptions include: Ministry majors in the B.S. with a second major in Bible do not need a minor.)
4. Double counting of courses/hours is not allowed between majors and minors. Additional appropriate courses must be taken in order to complete the sum of the required hours for the major or minor. The Business Division and social work department allows limited double counting. Multiple counting of general education courses is allowed. Any questions regarding double counting should be directed to the appropriate division chairperson or the Registrar's Office. The only condition is that the student must have completed non-duplicated hours for his/her degree program (i.e. B.A. - 129 hrs; B.S. - 120 hrs).
5. Master of Arts in Education. (See the Professional & Graduate Studies catalog for specific requirements.)
6. Master of Arts in Ministry Leadership. (See the Professional & Graduate Studies catalog for specific requirements.)
7. Master of Science in Management. (See the Professional & Graduate Studies catalog for specific requirements.)
8. A cumulative G.P.A. of 2.0 or higher in all work, 2.5 or higher in the major and 2.0 or higher in the minor. All teacher education students must meet the following minimum cumulative G.P.A.: 2.5 overall, C- in education courses and 2.5 in their majors. Elementary education students in the triple minor program must have a minimum combined G.P.A. of 2.5 for the two minors other than the planned program minor and a minimum 2.0 G.P.A. in each of the minors other than the planned program minor.
9. A grade of "C-" or better in ENG-212 Writing In Culture and COM-112 Communication In Culture.
10. Transfer students are required residency for at least 32 hours. All students are required residency for at least 24 of the last 33 hours, and at least 12 hours of the major must be completed in residence. For elementary education students enrolled in the triple minor program, the two minors other than the planned program minor shall be equivalent to a major for the purpose of calculating residency requirements. (Students enrolled in the associate degree program require residency for at least 24 hours, residency for 24 of the last 33 hours and residency for at least 12 hours of the major.)
11. Chapel attendance requirements, as outlined in the Student Handbook.
12. Completion of junior writing assessment exam or portfolio presentation.
13. A graduation application to the Registrar's Office no later than Nov. 1 for December, May and August graduates.
14. Completion of senior assessment testing. Social Science majors must attain the 30th percentile on Senior Assessment Exam to graduate.
15. Commencement participation will be limited to those who have completed their degree program or have no more than six credit hours to complete by Aug. 15 of that same year.

All graduation requirements for a given degree must be met prior to posting an official graduation date and diploma. It follows that:

1. Students in the teacher education program will not receive a graduation date and diploma until they complete their entire program, including student teaching.
2. Students who begin the teacher education program and decide to drop it must complete a departmental major and minor to fulfill their graduation requirements. Group majors/minors, planned minors and triple minor programs allowed for education students are not allowed for students graduating outside of the education program.
3. Students who intend to pursue the teacher education program, but cannot meet the requirements to gain entrance into the program must complete a departmental major and minor to fulfill their graduation requirements.
4. Students taking credit at an institution other than Cornerstone University for completion of Cornerstone University degree requirements must have their final, official transcript from that institution on file in the Cornerstone University Registrar's Office by the following dates:

<u>GRADUATION DATE</u>	<u>TRANSCRIPTS DUE THE FOLLOWING:</u>
December	March 15
May	Aug. 15
August	Nov. 15

Transfer course work must be completed within the term of the student's intended graduation date. The same applies to the August and December graduation dates.

Transfer work completed after that date will necessitate moving the graduation date to the next regularly occurring graduation date.

5. All Prior Learning petitions for credit must be processed by the Registrar's Office before students participate in the spring commencement ceremony.

INCOMPLETE GRADE

This is a temporary grade given for work that is passing in quality but lacking in quantity to meet course objectives. It may be assigned by the professor with the permission of the appropriate division chair under the following conditions:

1. A student is unable to complete his or her work due to illness or other serious physical impairment or other unavoidable circumstance, and
2. The student has done satisfactory work in a course and in the professor's opinion can complete the work in a satisfactory manner.

This grade cannot be given for unsatisfactory work. Grade changes for incompletes from the spring semester must be turned in to the Registrar's Office no later than Aug. 15, grades from summer session must be turned in no later than Nov. 15, and grades from the fall semester must be turned in no later than March 15. Every effort should be made to have the incomplete work completed in the shortest time possible following the close of the academic term in which the work is taken. Incompletes will be assigned an "F" grade after the above dates. A "change of grade" is possible if it is processed within one calendar year from receipt of initial incomplete.

INDEPENDENT STUDY (490)

Independent Studies are designed to challenge students academically with material not presented or undeveloped in currently cataloged courses offered at the university. Independent Study is an option for students in the area of their major or minor who possess a 2.75 cumulative G.P.A. in the subject area of their study and who have reached junior class standing. Students may receive a maximum of six credits of Independent Study during their studies at Cornerstone University. Students must secure the permission of the faculty member with whom they will be working, as well as the division chair in which the study will be taken. Eligible students must complete the application form as well as a proposal of the title, tentative bibliography, nature and scope of the work to be accomplished before registering.

Grades of "A" through "F" will be assigned. The student is responsible to assume the initiative in completion of the course. Independent Study courses may not be substituted for courses listed in the catalog.

An Independent Study course not finished in the semester for which the student enrolled may be given an incomplete with approval from the appropriate division chair. If unfinished by the deadline by which the incomplete must be removed (see Incomplete Grades), the grade will be changed to an "F."

Faculty members are limited to a total of two Independent Studies and/or Directed Readings during a given semester. Division chairs will be responsible for determining the appropriateness of the study plan and credits to be awarded for the Independent Study. The faculty member and the student will interact on a regular and substantive basis to assure progress of the independent study. A fee of \$95/credit hour will be charged to the student for each Independent Study.

INTERSHIPS

One of the distinguishing characteristics of the Cornerstone collegiate experience is completion of an internship. Recognizing that the classroom can never fully duplicate real-life circumstances, Cornerstone University requires students in every major complete either an internship, or for those students enrolled in social work or teacher education, a practicum or student teaching, respectively. A sample of organizations where interns have worked include Zondervan Publishing House; Gordon Food

Services; Orthopedic Associates; Credo Communication; YMCA; Gerald R. Ford Museum; and Wood TV-8. Interns have worked in 15 different states, the nation's capital and in South America.

Internships can be taken for up to six credits per internship per semester, and up to 12 credits per semester may be taken with permission of the Division Chair and Director of Career Services on a per case basis. A maximum of 12 internship credits are allowed toward graduation requirements. One credit hour will be awarded for a minimum of 40 clock hours worked at the internship site. No more than 9 credit hours can be counted in meeting minor requirements. (Interns may be required, by the employing organization, to work more clock hours than are required for the credit a student is seeking). Students should work with their academic advisor to determine the advantages and disadvantages of taking more than the credits required to complete their major. NOTE: A student must enroll in an internship during the semester that the student is doing the majority of their on-site work experience.

To register for an internship, a student must:

1. Properly complete the Application for Internship and the Course Request Form, which are available from the Career Services Office.
2. Have achieved junior status, i.e., completed 58 credit hours (30 credit hours for a student enrolled in a two-year degree program).
3. Have a cumulative G.P.A. of 2.0 or higher.
4. Have completed nine credit hours in the major or minor concentration where the internship credit is desired.
5. Select an internship in the student's major. An additional internship may be chosen in the student's minor if desired. No more than nine hours of internship credit can be counted in meeting major field requirements and no more than six hours in meeting minor field requirements.
6. Not take more than twelve hours of internship credit toward the 129 hours required for graduation and no more than six hours in any one internship experience.

J-TERM ENROLLMENT POLICY

Students who choose to enroll in a J-term course are allowed to register for no more than three credit hours unless:

- the second course is a one credit hour course
- or the course is a four credit hour course

LANGUAGE REQUIREMENT

All Bachelor of Arts students must fulfill one of the following language requirements:

1. Language 101 and LIN-100 Language in Culture.
2. Language 101 and Language 102.
3. Two years of the same high school foreign language and LIN-100 Language in Culture.
4. Two years of the same high school foreign language and Language 102.
5. Three years of the same high school foreign language.
6. Students who have English as their second language are exempt.

MATHEMATICS CORE COMPETENCY: CREDIT BY EXAM AND TRANSFER OPTIONS

There are several courses that fulfill Cornerstone University's core mathematics competency requirement. These include MAT-110 College Mathematics, MAT-121 College Algebra, MAT-122 Trigonometry, MAT-131 Calculus I and MAT-132 Calculus II. Credit can be earned in most, but not all, of these courses by standardized examination or transfer credit. Options are:

1. Either the MAT-110 or MAT-121 final examination can be used to fulfill the Math Core Competency requirement. There is no fee, but this option does not grant college credit. See the Mathematics Coordinator for details.
2. CLEP offers an examination in College Algebra which can be used for credit in MAT-121 College Algebra.
3. Adequate scores on the Calculus AP examination grants credit in one or both of MAT-131 Calculus I and MAT-132 Calculus II. Either fulfills the core requirement.
4. Many community colleges and universities offer courses which transfer to Cornerstone University as MAT-121 College Algebra, MAT-122 Trigonometry, MAT-131 Calculus I or MAT-132 Calculus II.
5. Transfer credit for MAT-110 is not likely. This is a course of custom design, intended to prepare Cornerstone students for success in later core courses, and to meet the general education objectives of this university.

ORIENTATION FOR NEW STUDENTS

An orientation program is held several days before registration each semester to help students in their adjustment to collegiate life. A full schedule of information sessions, group discussions and testing make it imperative that every new student be present.

PHYSICAL EDUCATION REQUIREMENT

Three hours of physical education will be required of all students in Bachelor degree programs. All students must take KIN-100 *Total Fitness and Wellness*, and then a one-hour activity course of their choosing (Education students: KIN-147). Two hours of physical education are required for students graduating in Associate Degree programs.

A maximum of two credits will be awarded for participation in two different varsity sports or two years of active duty or four years reserve duty of military service. These credits will be allowed as physical education electives only. They may not be used to fulfill any part of the three hour general education requirements. Persons with military experience, described above, must take KIN-100 (*Total Fitness and Wellness*). The division chair will give consideration to exempting students from the additional hour in physical education depending upon their activities within the military. Exemptions will be made for physically handicapped students who present doctor's certification to the chief academic officer.

PRIOR LEARNING CREDIT

Students who have skills and prior learning experiences in disciplines of the university may be awarded college credit. Students must have completed two years of full-time employment since high school and be able to document their learning. Workshops, seminars, licenses, professional schools or other significant learning experiences constitute possible credit awards. An academic advisor works with students in identifying experiences for possible credit awards. Life-learning papers identifying significant learning experiences are read and evaluated by appropriate faculty members. Students who are interested in pursuing such credit must attend the Prior Learning Seminar coordinated by the Registrar's Office.

RE-TAKE POLICY

Students are permitted to retake a course in which an unsatisfactory grade was achieved during a previous period of enrollment. In such situations, registration for the course and payment of the related tuition and fees at the current tuition rates are required. The grade achieved by the retake course replaces the initial grade in relation to the G.P.A. calculation, though the initial grade will remain on the permanent transcript record.

Federal rules allow a student to receive federal aid for a course more than once as long as it is not a result of more than one repetition of a previously passed course or any repetition of a previously passed course due to the student failing other coursework.

REGISTRATION PROCEDURE

After acceptance, each student is assigned to a faculty advisor who offers counsel and direction and assists with registration. Every attempt will be made to assign a student to a faculty member in the student's major area of concentration. A schedule of registration and current course schedule is available on the CU Website.

While the school offers help with planning a student's program, each student is responsible for meeting his or her graduation requirements. All students must register at the scheduled time and cannot be admitted to classes without formal registration. Students unable to complete their registration, according to the registration schedule, may register late through the end of the drop/add period. Academic records and transcripts are maintained by the Registrar's Office. Each student has access to his or her own personal file.

All continuing students are required to indicate their schedule for the coming semester during the scheduled registration period. This proposed schedule may be changed during the official registration procedure required of all students at the beginning of each semester.

New and re-admitting students are sent registration materials and notification of academic advisor prior to the official registration.

SCHOLASTIC PROBATION, ACADEMIC SUSPENSION AND ACADEMIC DISMISSAL

Any student who does not earn for his or her work at Cornerstone University a cumulative G.P.A. in his or her classification of 1.6 or better for freshmen (0-25 credits), 1.85 or better for sophomores (26-57 credits) and 2.0 or better for juniors and seniors (58+ credits) will be placed on academic probation.

The Academic Office will notify each student placed on academic probation at the close of the semester. A student on academic probation will not be allowed to carry more than 14 credit hours and may be required to enroll in CLC-100. The purpose of probation is not designed to punish, but rather to serve as an indication to students that they are not progressing at a satisfactory rate toward graduation. Thus, co-curricular activities will be limited in order that more time is devoted to academic

concerns. During the probationary period, the student will not be allowed to participate in higher-level student leadership positions and will be restricted to one extracurricular activity (i.e. athletics or off-campus music performances).

Students who, after one semester of academic probation, do not reach the cumulative G.P.A. outlined for their class standing will be academically suspended. Students on suspension may be re-admitted after one semester (or other specified length of time) or by petitioning the Academic Appeals Committee. In addition, any student academically suspended for the second time shall be dismissed with the right of an appeal for re-admittance through the Academic Appeals Committee.

NOTE: There are standards of satisfactory progress related to financial aid and Veterans' benefits.

STUDENT DISABILITY SERVICES (SDS)

The university will make reasonable accommodations for students with disabilities in compliance with section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990. The purpose of accommodation is to provide equal access to educational opportunities to students with disabilities, and the university does not intend that academic standards be altered, nor that essential elements of programs or courses be changed.

Students having documented disabilities may apply for accommodations through Student Disability Services (SDS), which is part of the Cornerstone University Learning Center located in Miller Hall on the main campus. Disability accommodations for students from the traditional Cornerstone University undergraduate program, Professional & Graduate Studies programs, and Grand Rapids Theological Seminary are addressed centrally in SDS. Accommodations are granted on the basis of determined need and appropriate documentation of disabilities. Students must complete an application and submit appropriate documentation, which will be reviewed by the Accommodations Officer and the Accommodations Review Committee (ARC). Upon acceptance, the student will meet with the Director of the Learning Center to develop an Individualized Student Accommodation Plan (ISAP) based on the ARC recommendations. Students will be given a green Verification Letter to give to their professors, and students should schedule a meeting with each professor at the beginning of each semester to discuss their needs. In the event that students have questions regarding whether they are eligible for accommodations, how they might provide appropriate documentation of disabilities, or how they might handle a disagreement with a professor over questions of accommodation, the Director of the Learning Center should be contacted immediately at 616.222.1596 or at learning.center@cornerstone.edu. If a disagreement arises surrounding eligibility for services, or the manner in which a specific accommodation is being implemented, the student has a right to informal and formal grievance procedures. A copy of the Grievance Procedures is available at the Learning Center in Miller Hall, or online at www.cornerstone.edu.

Please note that the process for determining eligibility for accommodations can take 5-6 weeks, so students should complete an application and submit appropriate documentation well in advance of the semester in which accommodations are required to begin. To be deemed appropriate documentation, testing and assessment of disability must have been completed no more than five years prior to the application for accommodations at Cornerstone University.

TEACHER EDUCATION PROGRAM

Students may apply for admission to the teacher education program only after they have completed a year of college study. In addition, at least 9 semester hours must be completed at Cornerstone University, including at least 3 hours in the Teacher Education Division. Transfer students, those entering Teacher Education late and post-baccalaureate students must be admitted to the program if they seek teacher certification. Course work and the G.P.A. from other institutions may be used to meet admission requirements. For specific requirements, see the Teacher Education Division section.

TERRA FIRMA

The first-year experience course provides a curricular/co-curricular community where CU students are introduced to the "4 C's" of Christ, Character, Community, and Culture that form a foundation for their college experience through a relational lens. The course includes academic readings and discussions, focusing on college transition and both local and global perspectives. Students participate in a course long Grand Rapids service-learning opportunity and selected global initiative.

TRANSCRIPTS

Transcripts will be issued with written authorization from the student. Receipt of transcript fee is required before any transcript request will be processed. Requests held due to unsatisfactory financial status will be kept on file for one month. If the financial status is cared for at that time, the transcript will be sent as requested.

TRANSFER CREDIT

Applicants who are transferring from other colleges are required to have a transcript sent directly to the Admissions Office at Cornerstone University from all colleges previously attended. This is a condition for admission.

After being accepted for admission, an official credit evaluation is placed into the student's file with copies provided to the student and the academic advisor. Transcripts from foreign institutions will be evaluated by an outside agency. The student will be responsible for following the procedure required by that agency. Complete information is available in the Registrar's Office.

Cornerstone University will accept transfer credit from the following types of institutions:

1. All regionally accredited institutions.
2. All Accrediting Association of Bible Colleges accredited institutions.
3. Non-accredited institutions, if those institutions supply three letters of acceptance from regionally accredited institutions (to the Registrar's Office).
4. These institutions, due to the nature of their relationship with Cornerstone University: Bob Jones University, Spurgeon Baptist Bible College and Word of Life Bible Institute, since they have not met the above stated requirements.
5. Technical and vocational institutions in the area of liberal arts course work; however, other credits may be accepted in consultation with divisional chairs.

Students planning to take courses at other institutions to apply to their degree program at Cornerstone University should contact the Registrar's Office to verify the acceptance of these courses.

Transfer credit will not be given for remedial or non-college level work or for any course in which a grade lower than a "C-" was received. G.P.A. does not transfer with the credit transferred. Some transfer credits may not necessarily apply toward a particular degree program. The applicability of credits may be determined in counsel with the appropriate division chair.

Physical and biological science courses without labs are transferable, but a lab must be completed to satisfy departmental requirements for courses that contain labs.

Credit transferred from schools that are on a quarter system will be transferred as .66 (2/3) semester hours for every quarter hour.

The minimum hours to be taken at CU to be eligible for graduation honors is 64 for B.A./B.S. degrees and 32 for Associate degrees.

TRANSFER OF MAJORS AND MINORS

Transfer credit will be granted such that the equivalent of a minor is the maximum allowable in any discipline. Students taking a minor at another institution must complete the minor prior to their final 24 hours at Cornerstone. The residency hour graduation requirement is still enforced. All students must complete 24 of their last 33 hours at CU. Students are not eligible to receive financial aid at both institutions if enrolled during the same semester. Also, students may not be considered full-time for insurance purposes. Please take these matters into serious consideration when making this decision. A complete major may not be transferred without permission of the Dean of Undergraduate Education (at least 12 hours of the major must be completed in residence). An entire minor for which Cornerstone University has an equivalent may be transferred from another institution. A minor for which Cornerstone University has no equivalent may be transferred with the permission of the Dean of Undergraduate Education if the requirements for the minor at the sending institution have been completed.

VETERANS

Cornerstone University cooperates with the U.S. Department of Veterans Affairs in processing benefits for the training of honorably-discharged service members. Veterans who wish to use the benefits should obtain the necessary forms and instructions from the nearest office of the Veterans Affairs or the Cornerstone University Student Financial Services office.

It should be understood by veterans that they would be reimbursed directly by the Department of Veterans Affairs. Veterans should plan to pay their bills in accordance with the payment schedule.

The G.P.A. of veterans will be monitored at the end of each semester. Veterans who are placed on academic probation and fail to change this status within one additional semester will be reported to the Department of Veterans Affairs. (See Scholastic Probation, Academic Suspension and Academic Dismissal.) This action may result in termination of benefits by the Department of Veterans Affairs. If benefits are terminated, a veteran may reapply to the university for re-certification of veteran's benefits after the probationary status has been removed.

Veterans entering as transfer students will be provided a written statement of the number of credits accepted in transfer and the number of credits remaining that are required to complete the program in which they are enrolling. This information will be provided to the Department of Veterans Affairs. This information will also be provided to students prior to submission of their enrollment certification and will be based on the student's stated educational plans as to degree program and major. This transfer credit evaluation may be subject to change should the student decide to change majors or degree programs.

Veterans having advanced educational training while in the military may submit their transcripts or educational records for evaluation for transfer credit. The recommendations in the Guide to the Evaluation of Educational Experiences in the Armed Services produced by the American Council on Education will be followed in the evaluation of such credit.

WRITING ACROSS THE CURRICULUM

Written communication continues to be important in every avenue of life. Beginning with the fall semester of 2006, all students must prepare to document their ability to write effectively before they can graduate. Preparation and documentation may be accomplished in two ways:

JUNIOR WRITING PORTFOLIO

During the first semester of their junior year, students will be required to register for the Writing Portfolio (a no-credit, no-cost course) and to submit an electronic portfolio which includes at least four papers from courses in the core or in their major which best demonstrate their writing ability. A total of 10-15 pages of writing will be required.

As part of the Writing Portfolio, students will also be required to submit a one-page essay summarizing the following: the course each paper is from, the assignment for each paper and why the student chose the paper for his or her portfolio.

Students who transfer to Cornerstone University after the second semester of their junior year will be required to register for the Writing Portfolio their second semester at Cornerstone.

ASSESSMENT

Papers will be assessed on the merits of writing; students should keep this in mind when selecting their portfolio papers. Portfolios will be graded as “satisfactory” or “unsatisfactory.” Students who are unable to submit a “satisfactory” portfolio will be required to take a junior writing exam.

REMEDIAL WORK

Students who are unable to either produce a “satisfactory” portfolio or pass the junior writing exam will be required to participate in ENG-098 Personalized Writing Seminar (0 credits) which is designed to meet the needs of the participants. The junior writing exam will be the final for this course.

STUDY ABROAD



OFF-CAMPUS STUDY PROGRAMS

Cornerstone's Off-Campus Study Programs provide students the opportunity to broaden and deepen their educational experience and to further prepare them to impact the kingdom. Interested students should consider the impact of a study-abroad program on their overall educational program and make adjustments in their schedules and financial planning early on. Students typically earn 12-16 academic credits in a semester-long program. Some summer programs and J-Term trips are also available.

Cornerstone University offers a variety of study-abroad opportunities throughout the world, including a semester with one of our international partners, programs with Best Semester, CU sponsored trips and independent programs. Cornerstone University partners with Christian colleges in Korea and the Netherlands; because of these partnerships, students are able to spend a semester at the partner institution for the same tuition cost of attendance at Cornerstone. Cornerstone is also a member of the Council for Christian Colleges and Universities (CCCU); this affiliation allows qualified students to participate in a number of off-campus academic study programs offered by BestSemester. There are also several other CU sponsored trips offered and independent programs with which Cornerstone is an affiliate. Approved programs in which Cornerstone participates are grounded in Christian worldview.

- Students enrolled in an approved study-abroad program maintain their enrollment at Cornerstone University and may receive financial aid based on the following guidelines and according to current university policy:
- The student must have declared a major or program.
- The student meets all financial aid requirements.
- Students must be able to use the credits from the study-abroad program in their academic program prior to degree completion.
- Students will pay a technology fee to Cornerstone University in addition to the study-abroad program costs.
- Payment plans are not available for study-abroad programs. Payment in full is due by May 1 for summer programs; Aug. 1 for fall programs and Jan. 1 for spring programs.
- Employee remission may not be used to cover study-abroad programs.
- Short-term study trips (i.e. J-term or May term) may include not-for-credit students, as long as they audit at least one class and do not exceed the number of for-credit students. Admission of auditing students is at the discretion of the trip leader.

Interested students should meet with the Global Opportunities Coordinator to discuss eligibility, policy and process. They will then complete a Cornerstone University off-campus study program application on the CU website as well as the specific program application, which is usually located on each program's website. Students should consult the program's Website for the most up-to-date information, deadlines and credit information.

The student should confer with the Registrar's Office in determining course equivalencies prior to enrollment in the program, and discuss with their faculty advisor how the study-abroad program courses mesh with their program of study at Cornerstone. Additional information regarding specific programs may also be gained from the campus contacts listed beside each program.

CORNERSTONE FACULTY LED TRIPS

TRIP OFFERINGS VARY BY YEAR. THE FOLLOWING IS AN EXAMPLE OF PREVIOUS FACULTY-LED STUDY TRIPS

INTERNATIONAL BUSINESS EXPERIENCE

Students and faculty have traveled to the Netherlands and Dubai in past years to see firsthand the world of international business. This trip provides opportunity for participants to acquire a hands-on overview of global business challenges and opportunities. Participants will tour selected firms and organizations and visit with industry executives with the purpose of exploring country-specific business practices and cultures.

AUSTRALIA AND NEW ZEALAND

Experience the wonder of the lands down-under through the lens of the Lord of the Rings! This two-week trip includes service learning experiences while living and working on a New Zealand campsite only twenty minutes from Hobbiton. The campsite serves as the base for day trips and immersion into Kiwi culture. After more LOTR experiences in Wellington, students travel to Sydney, Australia for five days to experience what it means to be Australian. Course offered: MDA 480 ANZUS Trip.

J-TERM IN NORTHERN IRELAND

Cornerstone University also operates a two-week January Term program at Lakeside Manor in Belfast, Northern Ireland. Students complete three credit hours while living in Belfast and traveling throughout Ireland. Course offerings vary by year but typically include imagination in Culture or Christian Theology.

OXFORD SUMMER STUDY PROGRAM (OSAP)

CU Contact: Dr. Michael Pasquale

Cornerstone students (any major eligible, though particularly designed for the Humanities major) participate in a three-credit course in Oxford taught by Oxford professors. Students also take a three credit course taught by Cornerstone faculty. Cornerstone students receive Cornerstone credits, but are also considered associate members (students) of an Oxford college giving them all of the privileges of Oxford students (such as the use of the Bodleian Library, participation in campus clubs and dining in hall).

INTERNATIONAL PARTNERS

EDE CHRISTIAN UNIVERSITY (THE NETHERLANDS)

Cornerstone University partners with Ede Christian University in Ede, Holland to offer semester-long student exchanges. Ede Christian is a Christian university of applied sciences that is the top-ranked university of its kind in the Netherlands. It is located in Ede, a lively city of over 100,000 residents that is one hour south of Amsterdam. Cornerstone students can spend a semester at Ede Christian and complete coursework in Business, Communications, Education and Theology.

HANDONG GLOBAL UNIVERSITY (SOUTH KOREA)

Cornerstone University partners with Handong Global University in Pohang, South Korea to offer semester-long student exchanges. Handong Global is a Christian university that is one of the most academically selective institutions in South Korea. The semester includes cultural excursions to China and Japan. Students can complete coursework in their major as well as core curriculum classes.

INDEPENDENT PROGRAMS

CHICAGO SEMESTER (CSM) | www.chicagosemester.org

The Chicago Semester is an off-campus program that offers qualified (2.5 or higher G.P.A. required) juniors and seniors the opportunity to gain a semester's worth of credit, living and working in Chicago. Students spend four days a week at an internship related to their career interest and academic major and participate in classes one day per week at the Chicago Semester office in downtown Chicago. Internships are open to every academic major. Placements include but are not limited to finance, advertising, law, medicine, journalism, graphic design, law enforcement, film, television, fine art and political science. Social work and education majors can fulfill fieldwork and student teaching requirements on the program. Students earn 15 semester hours of credit.

LITHUANIA CHRISTIAN COLLEGE/INTERNATIONAL UNIVERSITY | www.lcc.lt/study-abroad-lithuania

Immerse yourself in the culture of four countries in four months – Lithuania, Latvia, Estonia and Russia. Live like a local in an urban setting. Experience Lithuania, a unique country where a walk along cobblestone streets reveals not only the history of a people once conquered and now liberated but also the spirit of a nation that is determined to maintain its identity. The course offerings are posted on the LCC website by semester. The largest academic majors are Business, English, Psychology and Theology. LCC offers a wide variety of Sociology and Conflict Studies courses as well. There are a wide range of courses that could meet general education (core) requirements or requirements for your major. All courses are taught in English.

SEMESTER IN NORTHERN IRELAND

Northern Ireland, with its rich historical, cultural and religious legacy, provides an ideal venue for a semester-abroad program. Cornerstone University, in partnership with John Brown University, operates a semester program housed in Lakeside Manor, a historic 19th-century mansion located in Belfast, Northern Ireland. Students complete fifteen hours of credit in the core curriculum and/or their major field of study. In the course of the semester, students travel extensively throughout Ireland, including Dublin. They also have the option of independent travel to continental Europe during Fall Break and Thanksgiving Break.

QUITO SEMESTER | www.livingandlearninginternational.com

Living and Learning in Quito is part of a 15-year-old organization called Youth World. This 13-week program offers an amazing mixture of Adventure, Academic Excellence, Culture, Practical Experience, Language, Mission and Integrated Living. This semester-abroad opportunity is based in Quito, Ecuador's capital. Quito has amazing weather and is famous for its eternal

springtime conditions. The city offers rich history, architecture, friendly people and safe living conditions in which to grow and learn. Course information, and curriculum available online.

ROMANIAN STUDIES PROGRAM (ROM) | CU Contact: Dr. Scott Sanders | www.romanianstudiesprogram.org
The Romanian Studies Program has brought over 350 American college students to Romania since it began in 1994 through semester-long term, January term and summer term programs. The program is based in the historic Transylvanian town of Sighisoara, whose population is a fascinating mix of Romanians, Hungarians, Germans and Gypsies. The focus of the RSP is cross-cultural service learning, which can fulfill a student's internship or practicum in a variety of majors. They also take classes in Romanian language and enroll in one or two other courses. Students live with a Romanian family and travel to places of historical and cultural significance within the country.

ROTHBERG INTERNATIONAL SCHOOL (OF THE HEBREW UNIVERSITY OF JERUSALEM) (HUP) | CU Contact: Prof. Andrew Smith | overseas.huji.ac.il
One Year/Semester Program (OYP) students receive a diversified academic experience. Students will enroll in a flexible program consisting of Hebrew language instruction and a variety of courses taught in English in the following areas: archaeology, business, communications, history, international relations, literature, philosophy, political science, psychology, religion, science and sociology.

VERITAS CHRISTIAN STUDY ABROAD | www.veritasabraod.com
The mission of Veritas Christian Study Abroad is to provide college-level study abroad programs at host universities while helping students develop as mission-minded Christian leaders. Veritas Christian Study Abroad is a division of International Studies Abroad (ISA). ISA is an innovative leader in the study abroad community. For 25 years ISA has been providing high quality academic programs with excellent student support at home and abroad. Cornerstone partners with Veritas programs in Argentina, Brazil, Chile, Dominican Republic, England, France, Italy, Peru, South Korea and Spain.

COUNCIL FOR CHRISTIAN COLLEGES & UNIVERSITIES PROGRAMS (WWW.CCCU.ORG)

Best Semester Programs | www.bestsemester.com
Council for Christian Colleges & Universities | CCCU Registered Programs

CCCU REGISTERED PROGRAMS

AUSABLE INSTITUTE OF ENVIRONMENTAL STUDIES | CU Contact: Dr. Rob Keys | www.ausable.org
The Au Sable Institute of Environmental Studies in Mancelona, MI is the biological field station for Cornerstone University. It offers courses in the areas of field ecology, botany, land resources, water resources and environmental chemistry at various locations - Great Lakes Forests of northern Michigan, South Florida and South India. Students may also complete requirements for State certification in the following: stewardship ecologist, naturalist, environmental analyst, land resources analyst or water resources analyst. Students maintain enrollment at Cornerstone University while taking J-term or summer courses for credit at Au Sable. Some courses are listed in the Kinesiology, Science & Mathematics section of the Cornerstone academic catalog. For a complete course listing see Professor Ray Gates or Dr. Rob Keys. Applications and enrollment are administered through Cornerstone's science department.

In the academic program for college and university students, participants take courses, engage in scholarship, gain field experience, confer and develop practical tools for environmental stewardship in programs that take seriously both science and theology.

FOCUS ON THE FAMILY INSTITUTE (FOF) | CU Contact: Dr. Dan Ehnis | www.focusinstitute.org
The Focus on the Family Institute was commissioned by Focus on the Family of Colorado Springs, Colo., and it exists to provide a unique Christian educational community that nurtures passionate and persuasive leaders who are committed to Jesus Christ, equipping them to promote healthy families, vibrant churches and a civil society. The program consists of a 15 credit-hour resident semester (eight credit hours during the summer semester) on the campus of Focus on the Family with a set of courses/seminars addressing issues facing today's families and tailored to a student's interests and academic, professional, and life goals.

INTERNATIONAL BUSINESS INSTITUTE (IBI) | CU Contact: Dr. Brad Stamm | www.ibi-program.org
The International Business Institute is designed to give students in economics, business management and related areas a distinctive opportunity for a term of study that incorporates the international dimension of these fields in an experiential context overseas. This summer program is 10 weeks in length and includes periods of significant residence in key locations, as well as coordinated visits and presentations in the major political and economic centers of Russia, Eastern Europe, Western Europe and the United Kingdom.

There are several features which make this program distinctive. First, there is a significant degree of involvement by a distinguished group of faculty and lecturers drawn from leadership posts in private business and finance, government and academic life. Secondly, the program concentrates on visits and contacts with major institutions in the field of economics, business and finance, as well as national and international government agencies. Thirdly, the academic or classroom work includes the standard level of coverage in an on-campus course, but is coordinated with the enriching and complementary field seminar experiences.

JERUSALEM UNIVERSITY COLLEGE (JER) (AMERICAN INSTITUTE OF HOLY LAND STUDIES) | CU Contact: Andrew Smith | www.juc.edu

Jerusalem University College is located on Mt. Zion, adjacent to Jerusalem's Old City. Courses in the history, geography, culture, religions and languages of ancient biblical times and the modern Middle East provide rich insights into the past and a meaningful cross-cultural experience.

SEMESTER IN KENYA | www.kenysemester.com

Trinity Christian College Semester in Kenya takes a group of North American students to the heart of East Africa. Based at the leading United States International University (USIU) students can study a wide variety of subjects. Internships are available with a variety of global institutions or with a development organization in a village. Travel including visits to a series of museums, government headquarters, and even former slave markets all seek to expand participants' understanding of the region and its' past.

SEMESTER IN SPAIN (SIS) | CU Contact: Dr. Michael Pasquale | www.semesterinspain.org

Trinity Christian College Semester in Spain, located in sunny Seville, Spain, strives to provide a comprehensive living and learning environment. Excellent teaching by native Spaniards, exciting faith opportunities, travel and an enriching homestay experience with Spanish families form the core of the program. Typically sixteen semester credits may be earned. Classes are offered at three proficiency levels of Spanish. Students in the Cornerstone University Spanish major are required to take their 16 credit hours at the advanced level. Enrolled students take the WebCAPE Placement test prior to registration and an additional placement test will be administered in Spain during orientation. Spanish majors: See course listings in the Humanities section of this catalog.

WORLD JOURNALISM INSTITUTE (WJI) | CU Contact: Alan Blanchard | www.worldji.com

The World Journalism Institute in New York City was established to help train a cadre of young Christians who can write well, observe keenly and think biblically. WJI holds its journalism courses in New York City, Washington, D.C., and Los Angeles. Drawing its faculty from the ranks of working journalists as well as academic journalists, WJI offers classroom instruction, writing assignments, field trips and internships throughout the year.

CCCU Sponsored Programs: General information for all CCCU sponsored programs is found at www.bestsemester.com.

BEST SEMESTER PROGRAMS

AMERICAN STUDIES PROGRAM (ASP) | CU Contact: Dr. Erik Benson | asp.bestsemester.com

Founded in 1976, the American Studies Program has served hundreds of students as a "Washington, D.C. campus." ASP uses Washington as a stimulating educational laboratory where collegians gain hands-on experience with an internship in their chosen field. Internships are tailored to fit the students' talents and aspirations and are available in a wide range of fields. Participants also explore pressing national and international issues in public policy seminars that are issue-oriented, interdisciplinary and led by ASP faculty and Washington professionals. The ASP bridges classroom and marketplace, combining biblical reflection, policy analysis and real-world experience. Students are exposed to on-the-job learning that helps them gain perspective on the calling of God for their lives. They are challenged in a rigorous course of study to discover for themselves the meaning of Christ's lordship by putting their beliefs into practice. The aim of the program is to help Council schools prepare their students to live faithfully in contemporary society as followers of Christ. Students earn 16 semester hours of credit.

AUSTRALIA STUDIES CENTRE (ASC) | CU Contact: Gerald Longjohn | asc.bestsemester.com

The Australia Studies Centre is a cultural studies program with an arts focus, based in Sydney, Australia. Designed to provide undergraduates of all majors and career interests with the opportunity to study the arts and theology in Sydney, the program also emphasizes Indigenous studies and faithful, global involvement.

Cultural interaction is a large factor of the ASC semester. Students participate in service projects and live in homestays with local families to help them encounter the Australia that tourists never see. From art and ministry to drama and dance, students attending ASC have every opportunity to pursue their passions and interests with other Christians from around North America and the world even as they compare and contrast the Australia of myths and movies with the realities of everyday life. Throughout the semester, ASC students engage the history of Australia's Indigenous peoples and discover their modern identities and present realities.

The ASC is designed to integrate the firsthand observation and study of Australian culture, history, religion, politics and Indigenous cultures together with experiential service learning and formal instruction in the arts.

The Australian school year is divided into two semesters, Semester 1 (Feb. – June) and Semester 2 (July – Nov.). Students receive 16-17 credits.

CHINA STUDIES PROGRAM (CSP) | CU Contact: Dr. Brad Stamm | csp.bestsemester.com

The China Studies Program enables students to engage this ancient and intriguing country from the inside. While living in and experiencing Chinese civilization firsthand, students participate in seminar courses on the historical, cultural, religious, geographic and economic realities of this strategic and populous nation. In addition to the study of the standard Chinese language, students are given opportunities such as assisting Chinese students who are learning English or working in an orphanage, allowing for one-on-one interaction. Students choose between completing a broad Chinese Studies concentration or a Business concentration that includes a three-week, full-time internship. The program introduces students to the diversity of China, including Beijing, Shanghai, Xi'an and Xiamen. This interdisciplinary, cross-cultural program enables students to deal with this increasingly important part of the world in an informed, Christ-centered way. Students earn 16-17 semester hours of credit.

CONTEMPORARY MUSIC CENTER (CMC) | CU Contact: Michael Stockdale | cmc.bestsemester.com

The Contemporary Music Center in Nashville, Tenn. provides students with the opportunity to live and work in community while seeking to understand how God will have them integrate music, faith and business. Both interdisciplinary and multidisciplinary in nature, the CMC offers two tracks: the artist track and the executive track. The artist track is tailored to students considering careers as vocalists, musicians, songwriters, recording artists, performers and producers. The executive track is designed for business, arts management, marketing, communications and related majors interested in possible careers as artist managers, agents, record company executives, music publishers, concert promoters and entertainment industry entrepreneurs. Both artist and executive track students receive instruction, experience and a uniquely Christian perspective on creativity and the marketplace, while working together to create and market a recording of original music. Both tracks include course work, labs, directed study and a practicum. Students earn 16 semester hours of credit.

INDIA STUDIES PROGRAM | www.bestsemester.com/isp

The India Studies Program is structured to provide students with both immersion in a local community and broad exposure to a variety of peoples, places and customs in India including an extensive two-week travel portion of the program to provide students a close up look at India's diversity. Students will participate in two core courses designed to provide a broad overview of the historical, religious, geographical and economic landscape of India. Building on their basic understanding of India's past and contemporary realities students will have opportunities to explore a variety of issues – poverty, social justice, rapid social change, religious pluralism – through the eyes and experience of Indian Christians.

LATIN AMERICAN STUDIES PROGRAM (LAS) | CU Contact: Dr. Michael Pasquale | lasp.bestsemester.com

Students of CCCU colleges have the opportunity to live and learn in Latin America through the Latin American Studies Program, based in San Jose, Costa Rica. The program introduces students to a wide range of experiences through the study of the language, literature, culture, politics, history, economics, ecology and religion of the region. Living with a Costa Rican family, students experience and become a part of the day-to-day lives of typical Latin Americans. Students also take part in an internship/practicum and travel to nearby Central American nations. Students participate in one of four concentrations: Latin American Studies (offered both fall and spring terms); Advanced Language and Literature (designed for Spanish majors and offered both fall and spring terms); International Business (offered only in fall terms); and Environmental Science (offered only during spring terms). Students in all concentrations earn 16-18 semester credits.

LOS ANGELES FILM STUDIES PROGRAM (LAF) | CU Contact: Dave Anderson | lafsc.bestsemester.com

Founded in 1991, the Los Angeles Film Studies Center is designed to train students to serve in various aspects of the film industry with both professional skill and Christian integrity. Each semester, students live, learn and work in L.A. The curriculum consists of two required seminars, Hollywood Production Workshop and Theology in Hollywood, focusing on the role of film in culture and the relationship of faith to work in this very influential industry. In addition, students choose one elective course from a variety of offerings in film studies. Internships in various segments of the film industry provide students with hands-on experience. The combination of the internship and seminars allows students to explore the film industry within a Christian context and from a liberal arts perspective. Students earn 16 semester hours of credit, 6 from the internship and 10 from seminar study.

MIDDLE EAST STUDIES PROGRAM (MEP) | CU Contact: Andrew Smith | mesp.bestsemester.com

This program, based in Cairo, Egypt, allows Council students to explore and interact with the complex and strategic world of the modern Middle East. The interdisciplinary seminars give students the opportunity to explore the diverse religious, social, cultural and political traditions of Middle Eastern peoples. Students also study the Arabic language and work as volunteers with various organizations in Cairo. Through travel to Israel, Palestine, Lebanon, Jordan, Syria and Turkey, students are exposed to the diversity and dynamism of the region. At a time of tension and change in the Middle East, MESP encourages and equips students to relate to the Muslim world in an informed, constructive and Christ-centered manner. Students earn 16 semester hours of credit.

OXFORD SUMMER PROGRAMME (OSP) | CU Contact: Dr. Michael Stevens | osp.bestsemester.com

The Oxford Summer Programme (OSP) is a program designed for students wishing to gain a more comprehensive understanding of the relationship between Christianity and the development of the British Isles and give more focused attention to topics of particular interest through the seminars which emphasize student learning and research under expert guidance. Seminars (and their attached tutorials) are given on specialized topics under the direction of expert Oxford academics in the areas of history, religious studies, philosophy, English literature, the history of art and history of science. Students earn 6 semester hours of credit.

SCHOLAR'S SEMESTER IN OXFORD (SSO) | CU Contact: Dr. Michael Stevens | sso.bestsemester.com

SSO is designed for students interested in doing intensive scholarship in this historic seat of learning. Working with academic tutors, students hone their skills and delve into the areas that interest them most. As visiting students of Oxford University and members of Wycliffe Hall, students have the privilege to study and learn in one of university's historic halls. SSO students enroll in a Primary and Secondary Tutorial, an Integrative Seminar and the course Christianity and Cultures. The SSO is designed for students interested in the fields of Classics, English & Literature, Theology & Religious Studies, Philosophy and History, though all majors may apply. Applicants are generally honors and other very high-achieving students. Students earn 17 semester hours of credit.

UGANDA STUDIES PROGRAM (USP) | CU Contact: Gerald Longjohn | www.ugandastudies.com

Winston Churchill is credited with nicknaming Uganda the "Pearl of Africa," and many visitors since his time have come to agree with him. The USP offers students a very personal encounter with this African success story, which has become an economic and public health model in its region. Another success story, Uganda Christian University (UCU), serves as the base of study for students in the USP. Set on the outskirts of the capital city of Kampala, this rapidly growing institution brings USP students together with the UCU Honours College. Courses taught by local faculty in the English tutorial tradition will immerse students in a uniquely African education. Topics such as Christianity and Islam in Contemporary Africa, African Literature and East African

History will present many insights into African life because of the guidance of faculty who live in and love Uganda and East Africa. Homestays, travel, service learning and daily interaction with Honours College students form the backbone of the USP experience. In addition to the core experiential course, students will choose from an approved selection of courses from the UCU Honours College to earn up to 16 hours of credit.

All USP students take the USP Seminar (Faith & Action in the Ugandan Context) along with two core classes and electives. In addition, students in the Uganda Studies emphasis take two core courses and two elective courses. Students in the Intercultural Ministry emphasis also take two core courses, an elective course and a missions course.

WASHINGTON STUDIES PROGRAM (WJC) | CU Contact: Alan Blanchard | wjc.bestsemester.com

The Washington Journalism Center (WJC) is a semester-long study program in Washington, D.C. created for students interested in the field of journalism. While in Washington students take classes focusing on their personal writing skills and on the history and future of the media and how it relates to the public as well as to their personal writing skills. These classes - Foundations for Media Involvement, Reporting in Washington, and Washington, News and Public Discourse - combined with an internship at a top news publication help students learn to integrate their faith in a journalism career. Students also participate in service learning opportunities as well as live with families in homestays as part of the WJC experience. Students earn 16 credits.

POLICY FOR SEMESTER ABROAD PROGRAMS

ACADEMIC POLICIES FOR OFF-CAMPUS PROGRAMS

1. For Cornerstone University credit to be awarded, the program or experience must be approved in advance by the International Programs Committee.
2. Students in such programs are designated as enrolled at Cornerstone University.

FINANCIAL AID POLICY FOR SEMESTER-ABROAD PROGRAMS

This information applies only to aid directly from Cornerstone University. It does not affect any federal or state aid or loans that a student may have.

Off-Campus study is a valuable part of a student's education. Therefore, Cornerstone University allows a certain number of students per year to apply a portion of their institutional financial aid to semester-abroad programs. In allocating financial aid funds to semester-abroad programs and selecting students to receive such a benefit, the university's policy is driven by two guiding principles:

1. Study-abroad programs that immerse students in a foreign culture are some of the most valuable, life-changing educational experiences that a student can have.
2. Cross-cultural study that occurs in a Christian context and is motivated from a Christian worldview is the most meaningful kind of semester-abroad experience. Therefore, Cornerstone University seeks to give priority in financial aid support and student selection to cross-cultural programs that share its Christian mission and educational perspective.

AMOUNT OF STUDY-ABROAD FINANCIAL AID

1. Up to 100% of institutional financial aid, depending on available funds: All international CCCU programs and other Christian-based cross cultural programs approved by the International Programs Committee, such as Semester in Ireland.
2. Up to 75% of institutional financial aid, depending on available funds: All domestic CCCU programs (such as the Contemporary Music Center) and IPC-approved domestic programs (such as the Chicago Semester).

PROCEDURE FOR AWARDING STUDY-ABROAD FINANCIAL AID

1. By March 1 of the preceding semester, any student planning to apply Cornerstone University financial aid to a study-abroad program for the fall semester must notify the Global Opportunities Office in writing. The International Programs Committee will allocate up to 75% of available financial aid funds to students studying abroad in the fall semester.
2. By October 1 of the fall semester, any student planning to apply Cornerstone University financial aid to a study-abroad program for the spring semester must notify the International Programs Office in writing. The International Programs Committee will allocate the remaining available financial aid funds to eligible students studying abroad in the spring semester.
3. Award amounts for each individual student will vary based on the overall number of students applying for study-abroad, the particular program attended, and the amount of aid that the student is eligible for. In addition, the following factors will be used to determine approval and award amounts: placement of study-abroad within Cornerstone academic program, overall GPA, prior participation in semester-abroad programs, financial need and cost of the program.

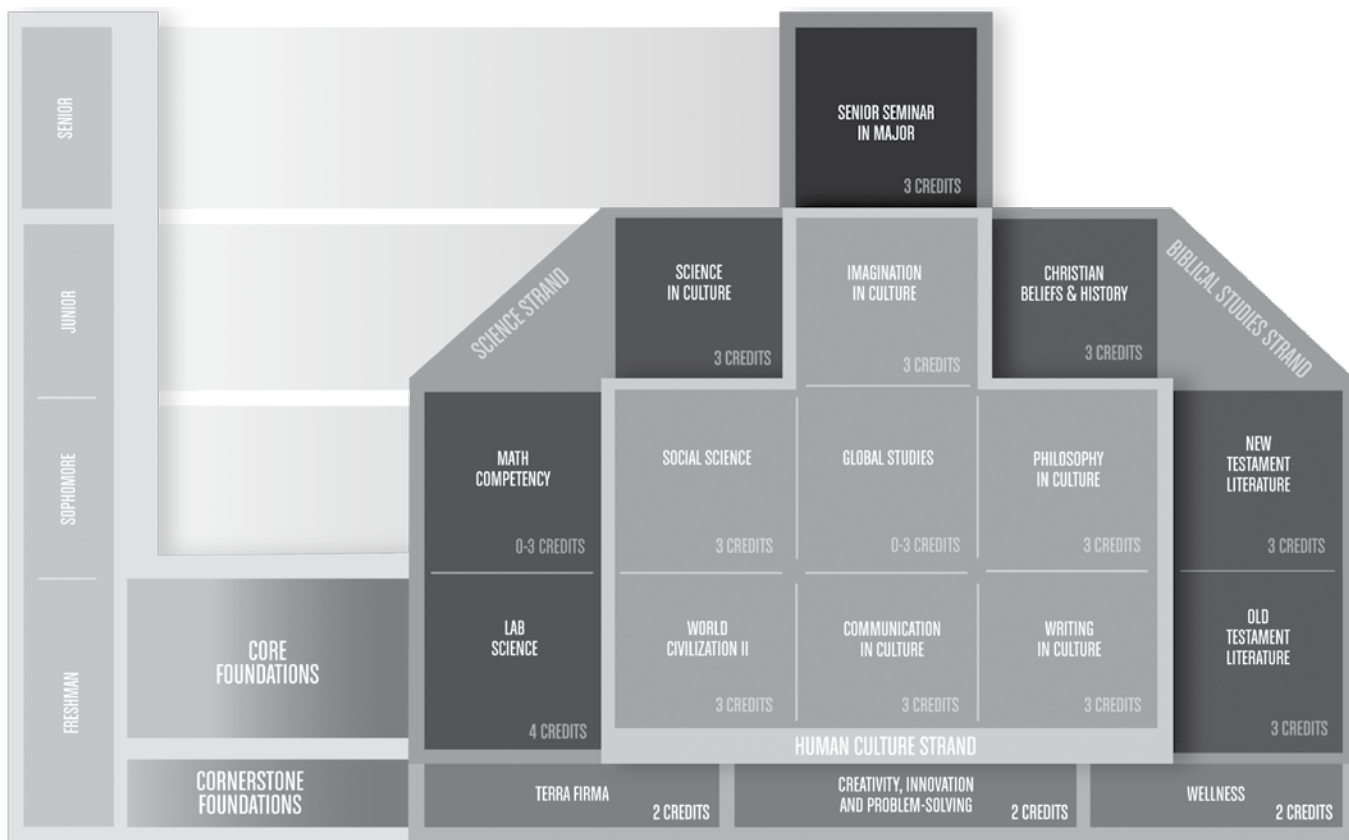
OTHER STIPULATIONS

Students attending Cornerstone University under a tuition exchange program from another college cannot carry that exchange to an off-campus program.

DEGREE INFORMATION



THE CORNERSTONE CORE CURRICULUM



The Cornerstone University core curriculum reflects our intellectual commitment to our students as we teach them to understand, navigate and ultimately shape culture as Christ-followers. We are committed to educating students who have the passion and ability to effectively engage the cultures of our world for Christ, and a robust liberal arts core is a crucial component of that process. Furthermore, we believe that every student will thrive more fully in his or her major, and ultimately in his or her vocation, as a result of engaging in this sequence of courses.

The Cornerstone core curriculum builds on a foundation of first-year courses that induct students into the Cornerstone ethos, develop their creative skills, and establish principles for physical wellness. The core then weaves together three crucial strands to help shape a profoundly Christian vision for life in this world. First, our Biblical studies strand offers a developmental sequence of courses that guides students through the principles of Biblical interpretation, surveys of the Old Testament and New Testament, and a historical overview of Christian theology. These courses ground each student in the Biblical narrative of God's work in His creation and with His people.

Second, our scientific knowledge strand combines theory with praxis in bringing students into engagement with God's creation through the study of the material world and the scientific method. Lectures and experiential learning are coupled with courses that ask crucial questions about the nature and scope of science for those of us who seek to live as wise stewards of God's creation.

Finally, our human culture strand combines theory with praxis in bringing students into engagement with God's creation through the study of the material world and the scientific method. Lectures and experiential learning are coupled with courses that ask crucial questions about the nature and scope of science for those of us who seek to live as wise stewards of God's creation.

The core curriculum culminates in a Senior Seminar in the major that equips students to apply the skills and insights gained in the core to their chosen vocation. With all three strands unified in the quest to educate effective agents of the Kingdom of God, our core curriculum provides our graduates with a strong yet flexible foundation from which to live fully in the vocations to which God calls them.

Listed below are the Core Requirements for each degree offered at Cornerstone University. See specific divisions for information regarding major and minor requirements or course exceptions to the following guidelines:

CORE CURRICULUM FOR THE ASSOCIATE OF ARTS DEGREE

Early Childhood Education and TESOL (A.A.), 66 semester hours

Teacher Education Division. See Teacher Education Division section for additional required courses.

GENERAL EDUCATION CORE

COM-112	Communication In Culture	3
ENG-212	Writing In Culture	3
ENG-321	Children's Literature	3
HIS-115	American Studies	3
IDS-101	Creativity, Innovation and Problem Solving	2
KIN-100	Total Fitness and Wellness	2
PHI-211	Philosophy In Culture	3
PSY-232	Developmental Psychology	3
REL-104	Old Testament Literature	3
SCI-201	Integrated Science for Elementary Teachers	3
Total		28

EDUCATION CORE

EDU-230	Principles/Philosophy of Education	3
EDU-262	Computers and Technology in Education	3
EDU-381	Educational Psychology	3
EDU-382	Teacher Assistant Practicum	1
Total		38

Early Childhood* Core/ TESOL Core (See pages 170 & 181 for requirements) 21

Total 59

* Twelve credit hours of Early Childhood/ TESOL Core must be taken at Cornerstone.

NOTE: Students must meet both the English and Math competency requirements. See Degree Information section.

ASSOCIATE OF SCIENCE

Business Studies (A.S.), 60 semester hours. (Minimum of 15 semester hours in liberal arts. See the Professional and Graduate Studies catalog.)

Math Placement Criteria - All students will be given a Mathematics Placement Examination prior to enrollment in mathematics courses. The Math Department will place students in MAT-096, 107, 110, 121, 122 or 131 according to the result of the placement examination.

CORE CURRICULUM FOR THE BACHELOR OF ARTS

(B.A.), 129 semester hours. (Major = minimum of 30 semester hours; minor = minimum of 18 semester hours) For a complete list of majors in the Bachelor of Arts program, see page 56.

Requirement	Credit Hours
IDS-103 CU Foundations I	1
IDS-104 CU Foundations II	1
IDS-101 Creativity, Innovation and Problem Solving	2
REL-104 Old Testament Literature	3
HIS-114 World Civilization II	3
KIN-100 Total Fitness and Wellness	2
KIN-1XX Activity Course*	1
COM-112 Communication in Culture	3
ENG-212 Writing in Culture**	3
PHI-211 Philosophy in Culture	3
REL-204 New Testament Literature	3
REL-352 Christian Beliefs and History	3
HUM-311 Imagination in Culture	3
SCI-311 Science in Culture	3
Social Science Course (PSY-111, SOC-111, ECN-231, ECN-232, CMI-223, SSC-161, SSC-211 or SSC-262)	3
Lab Science Course	4
Math Competency (see page 40)	0-3
English Competency**	0-6
Global Studies Requirement (see below)	0-3
Foreign Language Requirement (see below)	0-8
Total Core Requirements . . . . .	.41 (minimum)

* KIN-1XX excludes the following courses: KIN-147, KIN-100, KIN-16X or KIN-17X. Elementary education students take KIN-147.
 ** All students must meet the university's competency requirements for mathematics and writing before being placed into SCI-213 or ENG-212. See page 36 for placement criteria

MATH COMPETENCY – Choose one of the following:

1. MAT-110 College Mathematics
2. MAT-121 College Algebra
3. MAT-122 Trigonometry
4. MAT-131 Calculus I
5. MAT-132 Calculus II
6. Exemption by examination (see page 35 for details).

Math Placement Criteria – All students will be given a Mathematics Placement Examination prior to enrollment in mathematics courses. The Math Department will place students in MAT-096, 107 or 110 according to the result of the placement examination.

GLOBAL STUDIES REQUIREMENT – Choose one of the following:

1. Minimum two-week international study experience as approved by International Programs Committee.
2. A minimum three-credit cross-cultural internship as approved by the division.
3. A Global Studies course as approved by the International Programs Committee. (See page 37 for a list of approved courses.)
4. Students with a non-U.S. high school diploma are exempt.

FOREIGN LANGUAGE REQUIREMENT – Choose one of the following:

1. Language 101 and LIN-100 Language in Culture
2. Language 101 and Language 102
3. Two years of the same high school foreign language (meeting the minimum grade standard level) and LIN-100 Language in Culture.
4. Two years of the same high school foreign language (meeting the minimum grade standard level) and Language 102.
5. Three years of the same high school foreign language (meeting the minimum grade standard level).
6. Students who have English as their second language are exempt.

CORE CURRICULUM FOR THE BACHELOR OF MUSIC

(B.Mus.), 129 semester hours.

Majors: Music Education (K-12), Performance, Performance (Contemporary Christian Music). See Music division for additional requirements.

Requirement	Credit Hours
IDS-103 CU Foundations I	1
IDS-104 CU Foundations II	1
IDS-101 Creativity, Innovation and Problem Solving	2
REL-104 Old Testament Literature	3
HIS-114 World Civilization II*	3
KIN-100 Total Fitness and Wellness	2
KIN-1XX Activity Course**	1
COM-112 Communication in Culture	3
ENG-212 Writing in Culture***	3
PHI-211 Philosophy in Culture	3
REL-204 New Testament Literature	3
REL-352 Christian Beliefs and History	3
HUM-311 Imagination in Culture	3
SCI-211 Science of Music	1
SCI-311 Science in Culture	3
Math Competency (see page 40)	0-3
English Competency***	0-6
Global Studies Requirement (see below)	0-3
Foreign Language Requirement (see below)****	0-8
Total Core Requirements	35 (minimum)

* HIS-114 not required for Music Education majors.

** KIN-1XX excludes the following courses: KIN-147, KIN-100, KIN-16X or KIN-17X.

***All students must meet the university's competency requirements for mathematics and writing before being placed into ENG-212. See page 36 for placement criteria

**** Vocal performance majors (including Contemporary Christian Music) must meet the university's language requirement in order to graduate.

MATH COMPETENCY – Choose one of the following:

1. MAT-110 College Mathematics
2. MAT-121 College Algebra
3. MAT-122 Trigonometry
4. MAT-131 Calculus I
5. MAT-132 Calculus II
6. Exemption by examination (see page 35 for details).

Math Placement Criteria – All students will be given a Mathematics Placement Examination prior to enrollment in mathematics courses. The Math Department will place students in MAT-096, 107, 110, 121, 122 or 131 according to the result of the placement examination.

GLOBAL STUDIES REQUIREMENT – Choose one of the following:

1. Minimum two-week international study experience as approved by International Programs Committee.
2. A minimum three-credit cross-cultural internship as approved by the division.
3. A Global Studies course as approved by the International Programs Committee. (See page 37 for a list of approved courses.)
4. Students with a non-U.S. high school diploma are exempt.

FOREIGN LANGUAGE REQUIREMENT – Choose one of the following:

1. Language 101 and LIN-100 Language in Culture
2. Language 101 and Language 102
3. Two years of the same high school foreign language (meeting the minimum grade standard level) and LIN-100 Language in Culture.
4. Two years of the same high school foreign language (meeting the minimum grade standard level) and Language 102.
5. Three years of the same high school foreign language (meeting the minimum grade standard level).
6. Students who have English as their second language are exempt.

CORE CURRICULUM FOR THE BACHELOR OF SCIENCE

(B.S.), Majors: (For a complete listing of majors in the Bachelor of Science program, see page 56.)

Requirement	Credit Hours
IDS-103 CU Foundations I.....	1
IDS-104 CU Foundations II.....	1
IDS-101 Creativity, Innovation and Problem Solving.....	2
REL-104 Old Testament Literature.....	3
HIS-114 World Civilization II.....	3
KIN-100 Total Fitness and Wellness.....	2
KIN-1XX Activity Course**.....	1
COM-112 Communication in Culture.....	3
ENG-212 Writing in Culture***.....	3
PHI-211 Philosophy in Culture.....	3
REL-204 New Testament Literature.....	3
REL-352 Christian Beliefs and History*.....	3
HUM-311 Imagination in Culture.....	3
SCI-311 Science in Culture****.....	3
Math Competency (see page 40).....	0-3
English Competency***.....	0-6
Global Studies Requirement (see below).....	0-3
Social Science Course (PSY-111, SOC-111, ECN-231, ECN-232, CMI-223, SSC-161, SSC-211 or SSC-262).....	3
One Lab Science Course.....	4
Total Core Requirements.....	35 (minimum)

* Bible, Religion and Ministry majors take REL-354 and REL-356.

** KIN-1XX excludes the following courses: KIN-147, KIN-100, KIN-16X, KIN-17X

*** All students must meet the university competencies in writing and mathematics before being placed in ENG-212. See page 52 for placement criteria and page 36 for competency requirements.

**** Except Biology: Pre-Professional Majors. Students in this major should take BIO-400 instead.

MATH COMPETENCY – Choose one of the following:

1. MAT-110 College Mathematics
2. MAT-121 College Algebra
3. MAT-122 Trigonometry
4. MAT-131 Calculus I
5. MAT-132 Calculus II
6. Exemption by examination (see page 35 for details).

Math Placement Criteria – All students will be given a Mathematics Placement Examination prior to enrollment in mathematics courses. The Math Department will place students in MAT-096, 107, 110, 121, 122 or 131 according to the result of the placement examination.

GLOBAL STUDIES REQUIREMENT – Choose one of the following:

1. Minimum two-week international study experience as approved by International Programs Committee.
2. A minimum three-credit cross-cultural internship as approved by the division.
3. A Global Studies course as approved by the International Programs Committee. (See page 37 for a list of approved courses.)
4. Students with a non-U.S. high school diploma are exempt.

English Course Placement Criteria – English placement is based upon ACT information provided at the time of enrollment. Students placed in classes lower than ENG-212 must progressively move to the next level course (i.e. A student enrolled in ENG-099 must also take ENG-114 and ENG-212.)

MAJORS

ASSOCIATE OF ARTS

TEACHER EDUCATION

- Early Childhood
- TESOL

BACHELOR OF ARTS

BIBLE, RELIGION & MINISTRY

- Ancient Studies
- Bible

COMMUNICATION & MEDIA

- Audio Production
- Communication Studies
- Communications Arts Group (Secondary)
- Digital Media
- Film and Video Production
- Photography

HUMANITIES

- English (Secondary)
- History
- Humanities: Creative Writing
- Humanities: Linguistics
- Humanities: Literature
- Humanities: Philosophy
- Social Studies Group (Elementary)
- Social Studies Group (Secondary)
- Spanish

INTERDISCIPLINARY STUDIES

- General Studies
- Interdisciplinary Studies

KINESIOLOGY, SCIENCE & MATHEMATICS

- Biology
- Biology (Secondary)
- Integrated Comprehensive Science (Secondary)
- Integrated Science (Elementary)
- Integrated Science (Secondary)
- Mathematics
- Mathematics (Secondary)
- Physical Education (K-12)

MUSIC

- Music
- Music (Worship Arts)

SOCIAL SCIENCE

- Family Studies
- Psychology
- Social Work

TEACHER EDUCATION

- Elementary Education
 - Integrated Science
 - Language Arts Group
 - Learning Disabilities
 - Social Studies Group
 - Spanish
- Secondary Education
 - Biology
 - Communication Arts Group
 - English
 - History
 - Integrated Comprehensive Science
 - Integrated Science
 - Learning Disabilities
 - Mathematics
 - Music K-12
 - Physical Education K-12
 - Social Studies Group
 - Spanish

BACHELOR OF MUSIC

MUSIC

- Music Education
- Performance
- Performance: Contemporary Christian Music

BACHELOR OF SCIENCE

BIBLE

- Art of Ministry
- Bible
- Inter-Cultural Studies
- Missions Aviation

KINESIOLOGY, SCIENCE & MATHEMATICS

- Biology - Health Sciences & Pre-Professional
(includes pre-med, pre-dental, pre-veterinary, pre-pharmacy)
- Environmental Biology
- Exercise Science

BUSINESS

- Accounting
- Business Administration
- Finance
- International Business
- Management
- Marketing
- Non-Profit Administration
- Sports Management

COMMUNICATION & MEDIA

- Journalism: Editing/Publishing
- Journalism: Reporting
- Photography
- Public Relations

INTERDISCIPLINARY STUDIES MAJOR

In special circumstances, a student wishing to pursue a course of study not available within the stated offerings of Cornerstone University may present a proposal to the Dean of Undergraduate Education, requesting approval of an individualized program leading to a baccalaureate degree. Such a program should be thoughtfully designed in consultation with a faculty advisor after the student has had significant college experience. Therefore, a student should not begin the proposal process earlier than the second term of the sophomore year.

Interdisciplinary Studies programs require a minimum of 46 credit hours across at least two (2) disciplines. Normally, at least twelve (12) credit hours of upper-division courses, with no presumption of waiver of specified prerequisites, must be taken from each of these two disciplines. The program must also include either an internship or a scholarly research project.

Students must include in their proposal a written statement of purpose. Proposals require the approval of two faculty advisors, the respective division chair or chairs, and the Dean of Undergraduate Education. Proposals will not be considered from any student with a current cumulative grade point average of less than 2.8.

MINORS

BIBLE

- Ancient Studies
- Art of Ministry
- Bible
- Greek
- Inter-Cultural Studies

BUSINESS

- Accounting
- Business Administration
- Economics
- Finance
- International Business
- Management
- Marketing
- Non-Profit Administration
- Sports Management

COMMUNICATION & MEDIA

- Audio Production
- Communication Studies
- Communication Arts Group (Secondary)
- Digital Media
- Film/Video Production
- Graphic Design
- Journalism: Editing/Publishing
- Journalism: Reporting
- Journalism (Secondary)
- Language Arts Group (Elementary)
- Photography
- Public Relations

INTERDISCIPLINARY STUDIES

- Social Justice

HUMANITIES

- Creative Writing
- English
- History
- Linguistics
- Philosophy
- Social Justice
- Spanish
- Teaching English to Speakers of Other Languages (TESOL)

KINESIOLOGY, SCIENCE & MATHEMATICS

- Biology
- Biology - Secondary Teaching
- Chemistry
- Coaching
- General Science
- Mathematics
- Physical Education
- Physical Education (Elementary & Secondary Teaching)
- Mathematics (Elementary & Secondary Teaching)

MUSIC

- Music

SOCIAL SCIENCES

- Family Studies
- Psychology
- Social Work
- Sociology

TEACHER EDUCATION

- Elementary
 - Early Childhood (Endorsement) Elementary Planned
 - Integrated Science
 - Language Arts Group
 - Mathematics
 - Reading
 - Spanish
 - Teaching English to Speakers of Other Languages (TESOL)
- Secondary
 - Biology
 - Chemistry
 - Communication Arts Group
 - English
 - Health
 - History
 - Journalism
 - Mathematics
 - Physical Education
 - Psychology
 - Spanish
 - Teaching English to Speakers of Other Languages (TESOL)

DESIGNING A PROGRAM



HOW TO READ THE CATALOG

COURSE NUMBERS, LEVELS AND CREDITS

This does not mean that freshman students, for instance, are limited to those courses numbered in the 100s. Often scheduling difficulties make it more convenient to take a course or two just above or below the general class standing. In most cases, this will not present great difficulties. Transfer courses numbered lower than 100 are remedial and do not count toward graduation credit. The letter preceding a course number indicates the department from which a course is taught. Cornerstone University's letters indicate the following:

	Prefix	Course Type	Division Listing Description
100 - Freshman 200 - Sophomore 300 - Junior 400 - Senior	ACC	Accounting	Business
	ARB	Arabic	Humanities
	BIO	Biology	Kinesiology, Science & Mathematics
	BUS	Business	Business
	CHM	Chemistry	Kinesiology, Science & Mathematics
	CMI	Christian Ministries	Bible, Religion & Ministry
	COM	Communication Studies	Communication & Media
	CSC	Computer Science	Business
	DAN	Dance	Communication & Media
	ECN	Economics	Humanities
	ECO	Ecology	Kinesiology, Science & Mathematics
	EDU	Education	Teacher Education
	ENG	English	Humanities
FAM	Family Studies	Social Science	
FIN	Finance	Business	
FRN	French	Humanities	
GER	German	Humanities	
GRK	Greek	Bible, Religion & Ministry	
HEB	Hebrew	Bible, Religion & Ministry	
HIS	History	Humanities	
HUM	Humanities	Humanities	
IDS	Interdisciplinary	Humanities	
JRN	Journalism	Communication & Media	
KIN	Kinesiology	Kinesiology, Science & Mathematics	
LAT	Latin	Humanities	
LIN	Linguistics	Humanities	
MAT	Math	Kinesiology, Science & Mathematics	
MDA	Media	Communication & Media	
MGT	Management	Business	
MKT	Marketing	Business	
MUA	Applied Music	Music	
MUP	Music Performance	Music	
MUS	Music	Music	
OSA	Oxford Tutorial	Humanities	
PHI	Philosophy	Humanities	
PHO	Photography	Communication & Media	
PHY	Physics	Kinesiology, Science & Mathematics	
PSY	Psychology	Social Science	
PUB	Public Relations	Communications & Media	
REL	Religion	Bible, Religion & Ministry	
SCI	Science	Kinesiology, Science & Mathematics	
SOC	Sociology	Social Science	
SPA	Spanish	Humanities	
SSC	Social Science	Humanities	
SWK	Social Work	Social Science	

Credits for completion of the course are listed directly after the course name. Note: The courses are alphabetized according to the full spelling of the discipline, not just the three letter code.

Example:

<u>Department</u>	<u>Level</u>	<u>Course Name</u>	<u>Number of Credits</u>
ENG	226	Intro to Creative Writing	3

COURSE DESCRIPTIONS AND FREQUENCIES

Course descriptions are located at the end of each division section of the catalog. They will indicate the general content of the course, prerequisites for the course, credits and frequency of the course. Course frequencies are listed here and at the beginning of each division's course descriptions for your convenience:

- 1 = Every Semester
- 2 = Alternate Semesters
- 3 = Every Third Semester
- 4 = Alternate Years
- 5 = Every Three Years
- 6 = As Needed

Example:

<u>Department</u>	<u>Level</u>	<u>Course Name</u>	<u>Credits/Frequency</u>
ENG	212	Writing In Culture	3/1

Using effective and ethical research practices to develop and write persuasive essays on topics related to contemporary culture and social justice. Particular attention will be paid to rhetorical sensitivity, stylistic accuracy, and thoughtful worldview engagement. Prerequisites: English competency

GRADUATION WORKSHEET

Name _____	Catalog Used _____
Major _____	Total Credits _____
Minor _____	Total Credits _____
Minor #2 _____	Total Credits _____

CORE REQUIREMENTS

Course	Credits
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

MAJOR

Course

Credits

MINOR

Course

Credits

MINOR #2 (IF DESIRED)

Course

Credits

EDUCATIONAL PROFESSIONAL PROGRAM

Elementary	Secondary	Credits
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CHANGE/SUBSTITUTIONS

Approval	In File?
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Credits completed _____

Credits in progress _____

Credit next semester _____

Credits the following semester _____

Learning Center credits _____
(not counted toward graduation)

TOTAL CREDITS _____

Cumulative GPA (2.0 needed) _____

Major GPA (2.5 needed) _____

Minor GPA (2.0 needed) _____

- 12 hours in major at Cornerstone
- 32 hours overall at Cornerstone
- 24 of last 33 hours at Cornerstone
- 64 hours at Cornerstone for bachelor honor graduates

List all program changes made in consultation with your advisor. These changes must have approval recorded with the Registrar's Office to be valid.

BIBLE, RELIGION & MINISTRY

DIVISION



John Duff, Ph.D.
Division Chair

Courses in the Bible, Religion & Ministry (BRM) Division prepare students to deal with foundational issues of life, and upon this foundation students will be able to build their future academic and vocational plans.

Teaching from a biblical perspective, our faculty enable students to articulate a Christian worldview, develop skills for ministry, and mature in the spiritual disciplines. Students will emerge from these programs with an essential knowledge of Scripture as well as the requisite tools for applying Scripture to new and emerging contexts.

The majors and minors in the BRM Division reflect an educational philosophy that students should design their programs in accordance with their needs and expectations for the future. The Ancient Studies major is an interdisciplinary degree that focuses on ancient Mediterranean cultures, including Israel, Egypt, Greece and Rome. The Art of Ministry major prepares students for various vocations, such as youth, children, camp, sports, parachurch, or urban ministries. The Bible major provides preparation for ministry, seminary, or related postgraduate training. The Intercultural Studies major empowers students to minister across cultural and ethnic boundaries.

DEGREES

Bachelor of Arts (B.A.)
Bachelor of Science (B.S.)

MAJORS

Ancient Studies (B.A.)
Art of Ministry (B.S.)
Bible (B.A./B.S.)
Inter-Cultural Studies (B.S.)
Missions Aviation (B.S.)

MINORS

Ancient Studies
Art of Ministry
Bible
Greek
Intercultural Studies

FACULTY

Duff, John H., Associate Professor of Theology (1997) (chair); B.A. (1980), Cedarville College; M.A. (1985), Western Kentucky University; M.T.S. (2001), Grand Rapids Theological Seminary

Bustrum, Philip A., Professor of Intercultural Studies (1996); B.A. (1967) Bob Jones University; M.S. (1976) Portland State University; Ph.D. (1995) Biola University/Talbot School of Theology; Ph.D. (candidate), Calvin Theological Seminary

Dekker, Jim, Associate Professor of Ministry (2014); B.Th. (1986), Tyndale College; M.A. (1988), Calvin College; Ph.D. (2002), Trinity Evangelical Divinity School

Marko, Jonathan, Assistant Professor of Theology, B.S. (2000), University of Akron; M.Div. (2005), Ashland Theological Seminary, Ph.D. (2012), Calvin Theological Seminary

Mohrmann, Douglas C., Associate Professor of Religion (2001); B.A. (1984), Evangel University; M.A. (1991) Gordon-Conwell Theological Seminary; Ph.D. (2001) University of Durham

Nguyen, Kimberly Lan, Assistant Professor of Old Testament (2011); B.S. (1987), University of Houston – Central Campus; M.Div. (1998), Alliance Theological Seminary; M.A. (2002), University of Wisconsin; Ph.D. (2010), University of Wisconsin

Perini, Donald P., Associate Professor of Ministry and Creativity (2003); B.A. (1989) Biola University; M.A. (1999) Talbot School of Theology; M.F.A. (2009), National University

Roberts, Ryan N., Assistant Professor of Old Testament (2012); B.S. (2002), Baptist Bible College; M.A. (2005), Trinity Western University; M.A. (2009), University of California, Los Angeles; Ph.D. (2012), University of California, Los Angeles

Smith, Andrew L., Associate Professor of New Testament (1985); B.A. (1977), Grand Rapids Baptist College; M.Div. (1981), Grand Rapids Theological Seminary; M.A. (1983), Western Kentucky University

CRITERIA FOR GRADUATION AS A DIVISION MAJOR

See the Academic Information section under Graduation Requirements.

Degree information for the Bachelor of Arts and Bachelor of Science degrees along with major and minor listings by division can be found in the catalog section entitled Degree Information.

ADMISSION TO THE BIBLE, RELIGION & MINISTRIES PROGRAMS

Admission to the BRM programs occurs after matriculation and while enrolled in REL-236 New Testament Literature & History.

A student who wishes to be admitted into the BRM division must do the following: 1) achieve a minimum cumulative G.P.A. of 2.5; 2) complete an application; 3) obtain references from a professor outside the BRM division and a pastor; 4) interview with a faculty member of the BRM; and 5) be approved by a vote by the BRM faculty.

Students who maintain the minimum academic standards and show Christian maturity will continue in the program. Assistance in these areas can be obtained from your academic advisor, the BRM faculty, Student Development, the Learning Center and Career Services.

BACHELOR OF ARTS MAJORS & MINORS

General Education Core: Requirements for the B.A. are listed in the Degree Information section (see page 53).

ANCIENT STUDIES MAJOR

This program focuses on Mediterranean antiquity with an emphasis on ancient languages, along with the history of ancient Judaism, Greece and Rome. It combines the depth of multiple academic disciplines to the study of these languages through courses in Religious Studies, History, Linguistics and Philosophy. This program will provide outstanding preparation for a number of fields in graduate studies.

Required Courses		Credit Hours
GRK-101	Greek Grammar I	.4
GRK-102	Greek Grammar II	.4
HEB-101	Hebrew I	.4
HEB-102	Hebrew II	.4
LAT-101	Latin I	.4
GRK-201	Semantic Analysis I	.3
GRK-202	Semantic Analysis II	.3
PHI-213	Plato and Aristotle	.3
HIS-332	The Classical World: Greece and Rome	.3
REL/HIS-338	Second Temple Judaism and the Dead Sea Scrolls	.3
REL-412/HIS-432	History and Religions of the Ancient Near East	.3
HIS-451	Historiography	.2
REL/HIS-481 & -482	Thesis Project I & II or internship option	.4
Total		44

The candidate must also study-abroad in an approved class or program.

ANCIENT STUDIES MINOR

Required Courses		Credit Hours
Choose one of the following one year language studies:		8
GRK-101	Greek Grammar I	
GRK-102	Greek Grammar II	
HEB-101	Hebrew I	
HEB-102	Hebrew II	
LAT-101	Latin I	
LAT-102	Latin II	

Choose any four of the following:	12
PHI-213 Plato and Aristotle	
REL-33x Biblical Literature Course	
HIS-332 Classical World: Greece and Rome	
REL/HIS-338 Second Temple Judaism and the DSS	
HIS-341 Medieval History	
REL412/HIS432 History and Religions of the Ancient Near East	
HIS-451 & 452 Historiography	

Total **20**

ANCIENT STUDIES MAJOR FOUR YEAR PROGRAM ILLUSTRATION

FRESHMAN YEAR		JUNIOR YEAR	
REL-130	Old Testament Literature	HEB-101	Hebrew I
GRK-101	Greek Grammar	HEB-102	Hebrew II
GRK-102	Greek Grammar	HIS-332	Classical World: Greece & Rome
HIS-114	World Civilization II	HIS-338	Second Temple Judaism and the DSS
IDS-101	Creativity, Innovation & Problem Solving	REL-352	Christian Beliefs and History
IDS-103	CU Foundations	SCI-311	Science in Culture
IDS-104	CU Foundations II	IDS-311	Imagination in Culture
KIN-100	Total Fitness and Wellness	Electives	
KIN-1XX	Activities Course	**Study-abroad**	
COM-112	Communications in Culture	Total Junior Hours (Approx.)	32
Electives			
Total Freshman Hours (Approx.)	33		
SOPHOMORE YEAR		SENIOR YEAR	
REL-236	New Testament Literature	REL-412	History and Religion of the ANE
LAT-101	Latin I	HIS-451	Historiography
GRK-201	Semantic Analysis I	REL-481-2	Thesis Project
GRK-202	Semantic Analysis II	PSY-XXX or SOC-XXX Course	
LIN-225	Introduction to Linguistics	Electives	
PHI-211	Philosophy in Culture	Total Senior Hours (Approx.)	32
PHI-213	Plato and Aristotle	Ancient Studies Major (B.A.) Total	129
ENG-212	Writing in Culture		
Electives			
Total Junior Hours (Approx.)	32		

BIBLE MAJORS AND MINORS

(As a second major or minor for any B.A. program. All other B.A. major and minor requirements must also be met.)

B.A. requires one year of foreign language. Humanities majors choose between the Biblical Languages track, the Ministry track, and the intercultural Studies track.

BIBLE MAJOR (Bachelor of Arts)

Core Classes	Credit Hours
REL-103 Biblical Hermeneutics	3
REL-130 Old Testament Literature (substitute for core class)	3
REL-236 New Testament Literature (substitute for core class)	3
REL-354 Theology I (substitute for core class)	3
Required Courses	Credit Hours
REL-212 Religions of the World	3
REL-356 Theology II	3
REL-380 Internship	3
REL-43X Bible Analysis Course	3
REL-462 Senior Seminar	2
<i>One of the following:</i>	3
REL-330 Mosaic Literature	
REL-333 Wisdom Literature	
REL-334 Prophetic Literature	
REL-357 Old Testament History & Theology	
<i>One of the following:</i>	3
REL-335 Pauline Literature	
REL-338 Second Temple Literature & the D.S.S.	
REL-339 Gospel Literature	
REL-358 New Testament History & Theology	

Sub Total **20**

Choose one of the following tracks for the Bible major:

Biblical Languages Track	Credit Hours
GRK-101 Greek I	4
GRK-102 Greek II	4
HEB-101 Hebrew I	4
HEB-102 Hebrew II	4
Biblical Languages Track Total	16
Bible Major Total	36

Intercultural Studies Track	Credit Hours
CMI-223 Cultural Anthropology	3
CMI-311 Evangelism & Discipleship	3
CMI-334 Spiritual Formation	3
CMI-444 Contemporary Global Issues	3
Intercultural Studies Track Total	12
Bible Major Total	32

Ministry Track		Credit Hours
CMI-221	Learning, Liturgy & Technology	3
CMI-252	Interpersonal & Intrapersonal Relationships in Ministry	3
CMI-334	Spiritual Formation	3
CMI-481	Counseling Families	3
Ministry Track Total		12
Bible Major Total		32

Philosophy Track		Credit Hours
PHI-213	Plato and Aristotle	3
PHI-215	Augustine and Aquinas	3
PHI-353	Philosophical Ethics	3
REL-411	Philosophy of Religion	3
Philosophy Track Total		12
Bible Major Total		32

BIBLE MINOR

(As a second minor for any B.A. program. All other B.A. major and minor requirements must also be met.)

Required Courses		Credit Hours
REL-130	Old Testament Literature & History for BRM majors*	3
REL-236	New Testament Literature & History for BRM majors*	3
REL-352	Christian Beliefs and History*	3
REL-33X	Biblical Literature Course	3
REL-43X	Bible Analysis Course	3
<i>One of the following:</i>		<i>3</i>
REL-356	Theology II	3
REL-357	O.T. History and Theology	
REL-358	N.T. History and Theology	
Total		18

**Cornerstone Core courses.*

GREEK MINOR

Required Courses		Credit Hours
GRK-101	Greek I	4
GRK-102	Greek II	4
GRK-201	Semantic Analysis I	3
GRK-202	Semantic Analysis II	3
GRK-336	Septuagint Studies	3
Total		17

BACHELOR OF SCIENCE MAJORS & MINORS

The aims of the Bachelor of Science majors are to bring the student to a comprehensive understanding of the Bible as a whole, to achieve reasonable competency in independent Bible study and to develop skills in the communication and ministry of the Word of God.

General Education Core requirements for the Bachelor of Science degree are listed in the Degree Information section (see page 51). Art of Ministry and Intercultural Studies majors must also take a Bible minor.

BIBLE MAJOR *(Bachelor of Science)*

See requirements for the Bachelor of Arts Bible Major

ART OF MINISTRY MAJOR (YOUTH MINISTRY) *(Bachelor of Science)*

Requires Bible minor.

This degree is designed to equip students for practical ministry in the church or parachurch setting. It seeks to train students by providing a curriculum that is biblically based, as well as theoretically sound, holistic, and useful. Intentional aspects of the program are to empower students to become innovative leaders, to seek emotional health, to pursue personal integrity, to understand and engage the emerging postmodern culture, and to mature spiritually.

The Art of Ministry recognizes the need for specialization and allows each student to focus on a particular ministry interest. Therefore, students choose a specific emphasis where all their coursework and projects will be directed. We offer a focus in youth, children, camping, sports, parachurch, emerging adults, and urban ministries.

Required Courses		Credit Hours
IDS-101	Creativity, Innovation, and Problem Solving*	2
CMI-151	Lifespan Development	3
CMI-221	Learning, Liturgy, and Technology	3
CMI-222	Poverty and Justice	3
CMI-252	Interpersonal and Intrapersonal Relationships	3
CMI-334	Spiritual Formation	3
CMI-381	Internship I: Career Development	3
CMI-382	Internship II: Teacher and the Teaching Task	3
CMI-418	Capstone: Art of Ministry	3
CMI-481	Counseling Families	3
<i>One of the following:</i>	<i>CMI 2XX, CMI 3XX, CMI 4XX</i>	<i>3</i>

Required Bible Minor Courses

REL-130	Old Testament Literature for BRM majors*	3
REL-236	New Testament Literature & History for BRM majors*	3

REL-354	Theology I*	.3
REL-33X	Biblical Literature Course	.3
REL-43X	Biblical Analysis Course	.3
One of the following:		3
REL-356	Theology II	
REL-357	O.T. History & Theology	
REL-358	N.T. History & Theology	
Total		50

BIBLE MINOR (Bachelor of Science) (Cannot be used as first B.A. minor with any liberal arts major.)

Required Courses	Credit Hours	
REL-130	Old Testament Literature for BRM majors*	.3
REL-236	New Testament Literature for BRM majors*	.3
REL-354	Theology I*	.3
REL-33X	Biblical Literature Course	.3
REL-43X	Bible Analysis Course	.3
One of the following:		3
REL-356	Theology II	
REL-357	O.T. History and Theology	
REL-358	N.T. History and Theology	
Total		18

* Cornerstone Core

ART OF MINISTRY MINOR (Bachelor of Science) (Cannot be used as first B.A. minor with any liberal arts major.)

Required Courses	Credit Hours
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ART OF MINISTRY MAJOR (B.S) FOUR YEAR PROGRAM ILLUSTRATION

FRESHMAN YEAR

IDS-101	Creativity, Innovation & Problem Solving	.2
IDS-103	CU Foundations I	.1
IDS-104	CU Foundations II	.1
COM-112	Communications in Culture	.3
KIN-100	Total Fitness and Wellness	.2
KIN-1XX	Activity Course	.1
HIS-114	World Civilization II	.3
REL-130	OT Literature, BRM majors	.3
CMI-151	Lifespan Development	.3
CMI-222	Poverty and Justice	.3
Elective courses		.6
Total Freshman Hours		28

SOPHOMORE YEAR

PHI-211	Philosophy in Culture	.3
ENG-211	Writing in Culture	.3
Social Science Course		.3
Global Studies Requirement		.3
Lab Science Course		.4
REL-236	Literature for BRM Majors	.3
CMI-221	Learning, Liturgy, & Technology	.3
CMI-252	Inter/Intrapersonal Relationships	.3
Total Sophomore Hours		31

JUNIOR YEAR

IDS-311	Imagination in Culture	.3
SCI-311	Science in Culture	.3
REL-354	Theology I	.3
REL-356, REL-357, or REL-358		.3
CMI-334	Spiritual Formation	.3
CMI-381	Internship 1: Career Development	.3
CMI-382	Internship 2: Teacher/Teaching Task	.3
Elective courses		.9
Total Junior Hours		30

SENIOR YEAR

REL-33X	Biblical Literature Course	.3
REL-43X	Bible Analysis Course	.3
CMI-418	Art of Ministry	.3
CMI-481	Counseling Families	.3
CMI	Art of Ministry Electives	.3
Elective courses		.16
Total Senior Hours		31
Art of Ministry Major (B.S.) Hours		120

CMI-151	Lifespan Development	.3
CMI-221	Learning, Liturgy & Technology	.3
CMI-252	Interpersonal & Intrapersonal Relationships in Ministry	.3
CMI-418*	Art of Ministry	.3
CMI-481	Counseling Families in Ministry	.3
One of the following:		3
CMI-222	Poverty & Justice	
CMI-334	Spiritual Formation	
CMI-336	Integrated Leadership	
CMI-480	Current Issues/Critical Concerns	
Total		18

INTERCULTURAL STUDIES MAJOR (Missions) (Bachelor of Science.)

This degree is designed to equip students for cross-cultural ministry in a church or parachurch setting. It seeks to train students by providing a curriculum that is biblically based, theoretically sound, holistically based and practical in scope. The program empowers students to become innovative cross-cultural leaders who follow the teaching of Christ in making disciples of all ethnic groups, who are growing in their Christian character and Christlikeness, and who are being prepared in knowledge and skill in history, linguistics, anthropology and strategy to serve as Christian professionals in a wide variety of vocations.

Required Courses	Credit Hours	
CMI-222	Poverty and Justice	.3
CMI-223	Cultural Anthropology	.3
CMI-243	Introduction to Intercultural Studies	.3
CMI-252	Interpersonal and Intrapersonal Relationship	.3
CMI-311	Evangelism and Discipleship	.3
CMI-334	Spiritual Formation	.3
CMI-385	Intercultural Internship	.3
CMI-444	Contemporary Global Issues	.3
REL-212	Religions of the World	.3

REL-462	Senior Seminar	3
One elective (200, 300 or 400 level) from Christian Ministries, Linguistics or Religion [i.e., CMI, LIN or REL]:		3
Subtotal		33

REQUIRED BIBLE MINOR COURSES

REL-130	Old Testament Literature for BRM majors	3
REL-236	New Testament Literature for BRM majors	3
REL-354	Theology I*	3
REL-33X	Biblical Literature Course	3
REL-43X	Biblical Analysis Course	3
One of the following:		3
REL-356	Theology II	
REL-357	Old Testament History & Theology	
REL-358	New Testament History & Theology	
Subtotal		18

Total for Intercultural Studies Major		50
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* Cornerstone Core

INTERCULTURAL STUDIES MINOR (Missions) (Bachelor of Science)

Cannot be used as first B.A. minor with any liberal arts major.

Required Courses		Credit Hours
CMI-223	Cultural Anthropology	3
CMI-243	Introduction to Intercultural Studies	3
CMI-311	Evangelism and Discipleship	3
CMI-334	Spiritual Formation	3

Two of the following:		6
CMI-222	Poverty & Justice	
CMI-414	Islam	
CMI-434	Leadership in Short-Term Missions	
CMI-444	Contemporary Global Issues	
LIN-225	Introduction to Linguistics	
LIN-371	Second Language Acquisition	
LIN-372	Sociolinguistics	
REL-212	Religions of the World	
SOC-352/COM-311	Intercultural Communication	

Total		18
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MISSIONS AVIATION MAJOR (Bachelor of Science.)

This degree has a concentration in Missions Aviation along with classes in the Bible major and the Intercultural Studies track. Students enrolled in this program are prepared academically to engage with missions organizations that employ missionary aviators. The degree is designed to integrate a concentration in aircraft maintenance with an elective second year in flight training, thereby giving the graduate valuable training for work on the mission field. (The graduate will typically need some additional experiential work in the aviation field before being accepted into the missions agency.)

The technical concentration for this degree is completed at the School of Missionary Aviation Technology (SMAT) upon completion of the sophomore year at Cornerstone. It will be necessary to complete the pre-entrance requirements of SMAT before proceeding with the technical training. Cornerstone will accept the FAA certificate earned by the graduates of SMAT's one- and two-year programs as evidence of prior learning, in the amount of 60 (sixty) credits, towards a bachelor of science (B.S.) degree in Missions Aviation.

Required Courses

REL-103	Biblical Hermeneutics	3
REL-212	Religions of the World	3
REL-356	Theology II	3
REL-43X	Bible Analysis Course	3
REL-462	Senior Seminar	2

One of the following:		3
REL-330	Mosaic Literature	
REL-333	Wisdom Literature	
REL-334	Prophetic Literature	
REL-357	Old Testament History & Theology	

One of the following:		3
REL-335	Pauline Literature	
REL-338	Second Temple Literature & the D.S.S.	
REL-339	Gospel Literature	
REL-358	New Testament History & Theology	

Sub Total		20
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Intercultural Studies Track

CMI-223	Cultural Anthropology	3
CMI-311	Evangelism & Discipleship	3
CMI-334	Spiritual Formation	3
CMI-444	Contemporary Global Issues	3

Total for Missions Aviation Majors		32
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COURSE DESCRIPTIONS

DEPARTMENT AND LEVEL/COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

CHRISTIAN MINISTRIES

CMI-151	Lifespan Development and Ministry	3/2
A survey of physical, cognitive, emotional and moral development and current trends and issues related to adolescents and adults. Students will analyze lifespan development with the intent of developing ministries that meet the specific needs of youth and adults.		
CMI-221	Learning, Liturgy and Technology	3/2
A study in learning theory, liturgical practices and the use of technology in ministry. Students will design lessons with special consideration for ways to communicate biblical truths through a variety of creative teaching methods. Students will analyze current curriculum, learn basic hermeneutical skills and create curriculum that is experiential, interactive, multi-sensory and communal.		
CMI-222	Poverty and Justice	3/2
This course will equip students for urban ministry in the cities of North America and around the world. With an emphasis on race and class, students will develop a Biblical, historical and socio-cultural foundation for ministry in the city while engaging different strategies for effective relationships and Christian community development.		
CMI-223	Cultural Anthropology	3/4
An introductory course in the tradition of culture designed for students pursuing intercultural vocational work. The course addresses the nature of peoples in their culture, their worldview, cultural change, cultural adaptation, social organization, language, religion and other related topics.		
CMI-243	Introduction to Intercultural Studies	3/1
An overview of the global inter-cultural mandate as outlined in Scripture and emphasized in the Great Commission noting the Biblical, theological, and historical foundation for missions, the framework for the missionary undertaking today, and the task of the missionary in our world with an emphasis on the missionary career track.		
CMI-252	Interpersonal and Intrapersonal Relationships in Ministry	3/2
A practical study in developing healthy relationships with adolescents, leadership staff, parents and volunteers. Includes conflict management, inner dialog issues, making meaning of everyday experiences, and special attention is given to communication skills within small groups.		
CMI-311	Evangelism and Discipleship	3/2
Designed to guide the student in the development of a personal commitment to and involvement in evangelism and discipleship ministries. Integrates New Testament principles with varied techniques for a practical orientation. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
CMI-321	Camp Philosophy and Administration	3/4
Basic administration, philosophy, and methodology of Christian camping with emphasis on principles of decentralization. Attention to objectives, staff personnel, campsite, equipment, facilities, problem-solving, and evaluation. Offered alternate fall semesters. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
CMI-334	Spiritual Formation	3/1
Provides a biblical foundation for spiritual development. Special consideration is given to spiritual disciplines, scriptural meditation, contemplative prayer and spiritual listening. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
CMI-336	Integrated Leadership	3/2
An examination of leadership as it relates to the development of individuals and organizations. The emphasis on leadership will include such issues as personal character, styles of leadership, vision, creativity and teamwork. Students will also analyze, interpret and build theories on leadership. The focus on administration will cover issues including finances, correspondence, conducting meetings and planning events. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
CMI-381	Internship I: Career Development	3/1
Designed to help the student discover their gifts, talents, calling, interest and abilities as they relate to youth ministry and parachurch settings. A minimum of 140 hours in supervised ministry is required. Prerequisite: Junior status, Admission into BRM division		
CMI-382	Internship II: Teacher and the Teaching Task	3/1
Designed to help the student develop the skills necessary for teaching youth. Emphasis on writing objectives, preparing lesson plans, using creative illustrations, storytelling, gestures and delivery. Students will be teaching in the class and in a field setting where they will be video recorded. A minimum of 140 hours in supervised ministry is required. Prerequisite: CMI-381, admission into BRM division		
CMI-383	Internship III: Specialization	3/1
Designed to help the students study and experience specialized topics that relate to youth ministry or parachurch settings. A minimum of 140 hours in supervised ministry is required. Prerequisite: Junior status, admission into BRM division		
CMI-385	Intercultural Internship	3/1
This course gives the missions student an opportunity to integrate class work with practical experience in an overseas or inner-city setting with an approved agency and supervisor along with a Cornerstone University mentor. Prerequisite: CMI-384, Faculty Advisor approval, admission into BRM division		
CMI-418	Art of Ministry	3/2
An interactive framework that allows students to investigate distinct philosophical and ecclesiological views regarding how ministry relates to the church at large. Each student will design his/her own philosophy of ministry within the context of the local church and parachurch ministries. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		

CMI-434 Leadership in Short-Term Missions 3/4
A study of the Biblical basis for short-term mission including philosophy, history and strategy. Students will evaluate short-term missions and learn how to implement and lead a short-term missions trip. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

CMI-444 Contemporary Global Issues 3/2
An investigation of current global issues and how they are forming mission strategy in our contemporary and future world. The course analyzes current topics such as the environment, disease, poverty, and globalization, as well as mission issues of leadership, development, partnerships, and spiritual warfare. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

CMI-470 Readings in Christian Ministries 1 - 3/1
Guided readings and reports in the student's area of interest and need. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

CMI-480 Current Issues/Critical Concerns 3/-
Designed to address current issues or critical concerns that relate to youth ministry. Studies will specialize in various topics not covered in the catalog. May be taken two times with different emphasis. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

CMI-481 Counseling Families in Ministry 3/2
An in-depth look of the issues related to providing counseling to children, adolescents and their parents. Focus will be on addictive behaviors, abnormal development, intervention, spiritual abuse and awareness of when and to whom to refer individuals for professional therapy. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

CMI-490 Independent Study 3 - 6/1
Consult with division chair and instructor in Christian ministries concerning possible studies. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

GREEK

GRK-101 Greek Grammar I 4/2
An introduction to Greek grammar of Koine Greek

GRK-102 Greek Grammar II 4/2
A continuation of GRK 101, completing the basic grammar and beginning the reading of simple selections of ancient Greek.

GRK-201 Semantic Analysis I 3/2
Review of grammar, reading in selections of Greek, and a study of intermediate Greek grammar. Prerequisite: GRK-102 or equivalent.

GRK-202 Semantic Analysis II 3/2
A continuation of GRK-201 including a study of the structure of selected Greek texts and exegetical methodology.

GRK-336 Septuagint Studies 3/6
A study of select passages in the Septuagint (Greek Old Testament) with a view to advancing the student's facility in reading, translation and semantic analysis. Prerequisite: Admission into BRM division

GRK-470 Readings in Greek 1-3/6
Guided readings and reports in the student's area of interest and need. Prerequisite: Admission into BRM division

GRK-471 Advanced Greek Reading 1-3/6
Prerequisite: Admission into BRM division

GRK-480 Advanced Topics Seminar: Greek 3/6
Formal class dependent upon student demand and interest of the professor. May deal with a particular biblical book or issues of interpretation and methodology. Prerequisite: Admission into BRM division

GRK-490 Independent Studies in Greek 1-3/6
Consult with Division Chair and instructor in Greek concerning possible studies. Prerequisite: Admission into BRM division

HEBREW

HEB-101 Hebrew I 4/4
The fundamentals of biblical Hebrew with special attention to orthography, morphology, vocabulary, and the translation of simple texts.

HEB-102 Hebrew II 4/4
A continuation of Hebrew I with emphasis given to grammar and expansion of vocabulary by means of translation of simple passages from the Old Testament.

HEB-470 Readings in Hebrew 1-3/6
Guided readings and reports in the student's area of interest and need. Prerequisite: Admission into BRM division

HEB-480 Advanced Topics Seminar: Hebrew 3/6
Formal class dependent upon student demand and interest of the professor. May deal with a particular biblical book or issues of interpretation and methodology. Prerequisite: Admission into BRM division

HEB-490 Independent Studies in Hebrew 1-3/6
Consult with Division Chair and instructor in Hebrew concerning possible studies. Prerequisite: Admission into BRM division

- REL-339 Gospel Literature 3/2**
A study of the four Gospels, including their backgrounds, themes, outlines and distinguishing features, and distinctive portraits of Christ, as well as a study of the life and ministry of Christ as set forth in the Gospel of Mark. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.
- REL-352 Christian Beliefs and History 3/1**
A study of the major doctrines of Christianity. Consideration is given both to the biblical bases and the historical contexts out of which these beliefs were fashioned. The course also traces key developments in the history of Christianity that help explain the diversity of beliefs and practices among various Christian traditions. Prerequisites: REL-104, REL-204 or REL-130, REL-236 and PHI-211, and Junior standing
- REL-354 Theology I 3/2**
A biblical, historical, and systematic treatment of four theological topics: the doctrine of revelation, theology proper, anthropology and Christology. The relevance of these topics to the student's personal life, the corporate life of the Church, and the cultural milieu is emphasized. Prerequisites: REL-104 and REL-204 (or REL-130 and REL-236) and PHI-211, junior standing
- REL-356 Theology II 3/2**
A biblical, historical, and systematic treatment of the remaining theological topics: pneumatology, soteriology, ecclesiology, and eschatology. Like REL-354, the course emphasizes both orthodoxy and orthopraxy. Prerequisites: REL-104 and REL-204 (or REL-130 and REL-236), PHI-211, REL 354, junior standing
- REL-357 Old Testament History and Theology 3/2**
A study of the periods of Israel's history from the Patriarchs to the Restoration in relation to the surrounding nations of the Near East and the unfolding theological revelation of these periods centered in the Abrahamic Covenant, the Mosaic institutions, Israel's response of apostasy and formalism, and the prophetic reactions to that defection. Prerequisite: REL-130, Admission to the BRM division or permission of the instructor or division chair.
- REL-358 New Testament History and Theology 3/2**
The inter-testamental period is considered in its historical development as a bridge to the New Testament era. The New Testament is set in its historical, political, cultural, social, economic and religious environments. Considers the major biblical theological themes that emerge from the New Testament in their historical development and presentation. Prerequisite: REL-236 Admission to the BRM division or permission of the instructor or division chair.
- REL-380 Internship 1-6/1**
This course is required of Bible majors in one of two formats: internship with various ministry possibilities, primarily churches; or field study, including trips to significant places of religious practice, interviews of clergy of different religions, attendance at religious conferences sponsored by colleges, universities, interfaith dialogue groups, and others. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.
- REL-411 Philosophy of Religion 3/4**
An analysis of the major philosophical problems of religion in the twenty-first century. Emphasis is placed on the problem of religious knowledge in relation to faith and reason, traditional arguments for the existence of God, and contemporary difficulties of religious language and verification. Prerequisite: PHI 211, Admission to the BRM division or permission of the instructor or division chair.
- REL-412/HIS-432 History & Religions of the Ancient Near East 3/4**
A study of the history, culture, and religions of the ancient Near East (3500-323 BC). This class examines the main people groups of Mesopotamia, Egypt, and the Levant (Canaan/Israel) with special attention to shared cultural elements, the development of writing, and distinguishing characteristics and events. The class studies key primary texts (in English translation) of different genres while presenting a synthesis of prevalent ideologies. There will also be an introduction to scholarly methods for studying the textual and material finds that form the basis for historical reconstruction. Prerequisites: Admission to the BRM division or permission of the instructor or division chair.
- REL-414 Islam 3/4**
A précis of the Islamic religion including its history, beliefs and current practices. This course will give a basis for understanding the current unrest in the Middle East. Islam will be contrasted with Christianity and the student will gain an appreciation of the Muslim people, their culture and practices as well as how to interact with them for the cause of Christ. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.
- Biblical Analysis Courses (43X)**
Bible Analysis courses focus upon a specific book of the Bible – treating content and exegetical issues. Prerequisite: Admission into BRM division or permission of the instructor
- REL-434 Judges**
An examination of Judges in its historical context. Particular attention will be given to Hebrew narrative, the tribal system and societal structure in ancient Israel, Israelite religion, and various interpretative methodologies. The seminar will help students develop competency in research, Hebrew word studies, archaeological interpretation, and historical geography. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.
- REL-435 Psalms**
This course explores ancient Israel's expression of faith in different seasons and aspects of life. Students will develop a deeper understanding and appreciation of psalms by analyzing the form and content of a variety of psalms. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.
- REL-431 Gospel of Luke 3/4**
An exegetical examination of the Gospel of Luke with concentration on its message, the biblical theology of Luke, the historical background of the events and Luke's use of narrative material to present Jesus as Savior of all humanity in fulfillment of Old Testament promise. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.

REL-436	Revelation	3/4
An analysis of the Book of Revelation with emphasis on interpretive methodology and the implication of the church of the events foretold in Revelation, from a pre-millennial standpoint. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
REL-437	Acts	3/4
An exegetical examination of the Acts of the Apostles with concentration on the biblical theology of the Book of Acts, the historical background of the events, and the theological emphasis of the speeches. Special attention is given to the relationship between the church and Israel in the early church era. Prerequisite: Admission into BRM division or permission of the instructor		
REL-438	Romans	3/4
This course on Romans is built upon the hermeneutical and Biblical Literature courses. The seminar aims to develop the student's ability to grasp the textual content and application of this important book of the Bible. Emphasis is on the analytical and textual work of the student supplemented by the insight of the professor. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
REL-441	Apologetics	3/2
Emphasizes issues of religious epistemology that must be considered in any philosophical and factual defense of the Christian faith. Emphasis will be put on a balanced and eclectic approach that stresses both faith and reason, both presuppositions and facts, both philosophy and history. Prerequisite: PHI-211, Admission to the BRM division or permission of the instructor or division chair and junior standing.		
REL-462	Senior Seminar	2/2
A capstone experience that puts into perspective various issues dealing with vocational ministry. Students will assimilate previous work from other courses to create a portfolio that includes philosophy of ministry, resume, lesson plans, personal biography and program ideas. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
REL-470	Readings in Religion or Biblical Studies	1-3/1
Guided readings and reports in the student's areas of interest and need. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
REL-480	Advanced Topics Seminar	3/6
Formal class dependent upon student demand and interest of the professor. May deal with particular issues of Christian theology, religious epistemology, modern religious thought, or the writings of a particular theologian or religious thinker. May deal with a particular biblical book or issues of interpretation and methodology. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		
REL/HIS-481	Ancient Studies Thesis Project I	2/6
Prerequisite: Admission into BRM division		
REL/HIS-482	Ancient Studies Thesis Project II & Capstone Seminar	2/6
Prerequisite: Admission into BRM division		
REL-490	Independent Studies	3-6/1
Consult with division chair in religion concerning possible studies. Prerequisite: Admission to the BRM division or permission of the instructor or division chair.		

BUSINESS

DIVISION



Brad Stamm, Ph.D.
Division Chair

The division has a threefold purpose: first, to prepare students for professional roles in organizations to influence the world for Christ; second, to prepare students to serve in professional roles within Christian and non-profit organizations; and finally, to prepare students for graduate study in business.

DEGREES

Bachelor of Science (B.S.)

MAJORS

Accounting
Business Administration
Finance
International Business
Management
Marketing
Non-Profit Administration
Sports Management

MINORS

Accounting
Business Administration
Economics
Finance
International Business
Management
Marketing
Non-Profit Administration
Sports Management

FACULTY

Stamm, K. Brad, Professor of Economics (1999) (Chair); B.S. (1975), Bowling Green State University; M.B.A. (1987), Eastern College; Ph.D. (1997), Fordham University

Bos, Lawrence J., Associate Professor of Business (1970); B.A. (1970), M.B.A. (1974), Michigan State University

Hammond, Rachel M., Assistant Professor of Business (2013); B.A. (1999), Cornerstone University; M.M. (2002), Aquinas College

Morter, Scott D., Associate Professor of Business (2004); B.R.E. (1984), Grand Rapids Baptist College; M.B.A. (1995), Grand Valley State University; DBA, ABD, Anderson University

Newhouse, Shawn M., Assistant Professor of Business (2008); B.S. (1990) Taylor University; M.B.A. (2006), Taylor University; DBA, ABD; Anderson University

Riter, William R., Associate Professor of Business (1985); B.S. (1964), Cedarville University; C.P.A. (1966), State of Illinois; M.S. (1971), University of Illinois

CRITERIA FOR GRADUATION AS A DIVISION MAJOR

See the Academic Information section under Graduation Requirements.

Degree information for the Bachelor of Science degree along with major and minor listings by division can be found in the catalog section entitled Degree Information.

General Education Core requirements for the Bachelor of Science degree are listed in the Degree Information section (see page 55).

Students Bound for Business Graduate School – For students planning on going on to a business-related graduate degree, additional courses may be required, depending on the university.

MAJORS & MINORS

ACCOUNTING MAJOR *(Bachelor of Science)*

Students selecting an Accounting major are not required to complete a minor.

Most states now require 150 semester hours of education to become a Certified Public Accountant (CPA). The State of Michigan allows candidates for the CPA to take the exam after completing a bachelor's degree with appropriate courses. The Cornerstone University B.S. degree with a major in accounting will meet those requirements, although candidates will need to complete the 150 semester hours and experience requirements before being granted the CPA Certificate in Michigan. Most Cornerstone University graduates in accounting will pursue a master's degree in a related field to meet the 150-hour requirement. Some states require that the 150 hours be completed before taking the exam.

Required Courses		Credit Hours
ACC-221	Accounting I	3
ACC-222	Accounting II	3
ACC-321	Intermediate Accounting I	3
ACC-322	Intermediate Accounting II	3
ACC-327	Taxation	3
ACC-331	Cost Accounting	3
ACC-332	Accounting Information Systems	3
ACC-380	Internship	3
ACC-421	Advanced Accounting	3
ACC-423	Auditing	3
BUS-211	Business Statistics	3
BUS-213	Business Communications	3
BUS-361	Business Law	3
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
FIN-341	Principles of Finance	3
MGT-231	Principles of Management	3
MGT-432	Capstone Seminar: Strategic Management	3
MKT-251	Principles of Marketing	3
Total		.57

ACCOUNTING MINOR

Required Courses	Credit Hours
ACC-221 Accounting I	3
ACC-222 Accounting II	3
ACC-321 Intermediate Accounting I	3
<i>Four courses from the following:</i>	12
ACC-322 Intermediate Accounting II	
ACC-327 Taxation	
ACC-331 Cost Accounting	
ACC-332 Accounting Information Systems	
ACC-421 Advanced Accounting	
ACC-423 Auditing	
Total	21

BUSINESS ADMINISTRATION MAJOR *(Bachelor of Science)*

Required Courses	Credit Hours
ACC-221 Accounting I	3
ACC-222 Accounting II	3
BUS-211 Business Statistics	3
BUS-213 Business Communication	3
BUS-361 Business Law	3
BUS-380 Internship	3
ECN-231 Macroeconomics	3
ECN-232 Microeconomics	3
FIN-341 Principles of Finance	3
MGT-231 Principles of Management	3
MGT-432 Capstone Seminar: Strategic Management	3
MKT-251 Principles of Marketing	3
<i>Two upper level electives in:</i>	
Accounting, Business, Economics, Finance, Management or Marketing	6
Total	42

BUSINESS ADMINISTRATION MINOR

Required Courses	Credit Hours
ACC-221 Accounting I	3
ACC-222 Accounting II	3
<i>One of the following:</i>	3
ECN-231 Macroeconomics	
ECN-232 Microeconomics	
<i>One of the following:</i>	3
MGT-231 Principles of Management	
MKT-251 Principles of Marketing	
<i>Two upper level electives in:</i>	
Accounting, Business, Economics, Finance, Management or Marketing	6
Total	18

ECONOMICS MINOR

Required Courses	Credit Hours
BUS-211 Business Statistics	3
ECN-231 Macroeconomics	3
ECN-232 Microeconomics	3
ECN-321 Managerial Economics	3
ECN-335 International Economics	3
<i>Two of the following:</i>	6
BUS-241 Personal Finance	
ECN-470 Directed Readings (in economics)	
ECN-490 Independent Study (in economics)	
ECN-331 Research in Economics	
ECN-334 Money & Banking	
ECN-380 Internship (in economics)	
ECN-460 Entertainment Industry Economics	
Total	21

FINANCE MAJOR (*Bachelor of Science*)

Students selecting a Finance major are not required to complete a minor.

Required Courses		Credit Hours
ACC-221	Accounting I	3
ACC-222	Accounting II	3
ACC-327	Taxation	3
BUS-211	Business Statistics	3
BUS-213	Business Communication	3
BUS-361	Business Law	3
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
ECN-334	Money & Banking	3
FIN-341	Principles of Finance	3
FIN-342	Corporate Finance	3
FIN-371	Investments	3
FIN-380	Internship	3
MGT-231	Principles of Management	3
MGT-432	Capstone Seminar: Strategic Management	3
MKT-251	Principles of Marketing	3
<i>Four of the following:</i>		12
ECN-321	Managerial Economics	
ECN-335	International Economics	
FIN-372	Securities Brokerage	
FIN-373	Real Estate Management & Investment	
FIN-374	Insurance and Risk Management	
FIN-376	Management of Financial Institutions	
MGT-337	Entrepreneurship	
MGT-341	Fund Development	
MKT-353	Marketing Communications	
Total		60

FINANCE MINOR

Required Courses		Credit Hours
ECN-334	Money & Banking	3
FIN-341	Principles of Finance	3
FIN-342	Corporate Finance	3
FIN-371	Investments	3
<i>Three of the following:</i>		9
ECN-321	Managerial Economics	
ECN-335	International Economics	
FIN-372	Securities Brokerage	
FIN-373	Real Estate Management & Investment	
FIN-374	Insurance and Risk Management	
FIN-376	Management of Financial Institutions	
MGT-341	Fund Development	
Total		21

INTERNATIONAL BUSINESS MAJOR (*Bachelor of Science*)

Students selecting a business major with an international business emphasis are not required to complete a minor.

Required Courses		Credit Hours
ACC-221	Accounting I	3
ACC-222	Accounting II	3
BUS-211	Business Statistics	3
BUS-213	Business Communications	3
BUS-215	International Business Experience	3
BUS-317	International Business	3
BUS-361	Business Law	3
BUS-380	Internship	3
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
FIN-341	Principles of Finance	3
MGT-231	Principles of Management	3
MKT-251	Principles of Marketing	3
MKT-359	International Marketing	3
MGT-432	Capstone Seminar: Strategic Management	3
<i>Four of the following:</i>		12
BUS-380	Internship (additional)	
BUS-470	Directed Readings	
BUS-490	Independent Study	
COM-311	Intercultural Communication	
ECN-335	International Economics	
MGT-339	International Management	
SSC-312	World Affairs	
CMI-223	Cultural Anthropology	
CMI-243	Introduction to Intercultural Studies	
CMI-444	Contemporary Global Issues	
REL-212	Religions of the World	
SPA-231	Business Spanish	
Foreign Language (200 level or higher)		
Latin American Studies Program		
CCCU International Off-campus Studies Programs		
International Business Institute (off-campus program)		
Total		57

INTERNATIONAL BUSINESS MINOR

Required Courses		Credit Hours
BUS-215	International Business Experience	3
BUS-317	International Business	3
COM-311	Intercultural Communication	3
MGT-231	Principles of Management	3
MGT-339	International Management	3
MKT-251	Principles of Marketing	3
MKT-359	International Marketing	3
Total		21

MANAGEMENT MAJOR (*Bachelor of Science*)

Students selecting a business major with a management emphasis are not required to complete a minor.

Business Core		Credit Hours
ACC-221	Accounting I	3
ACC-222	Accounting II	3
BUS-211	Business Statistics	3
BUS-213	Business Communication	3
BUS-361	Business Law	3
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
FIN-341	Principles of Finance	3
MGT-231	Principles of Management	3
MGT-432	Capstone Seminar: Strategic Management	3
MKT-251	Principles of Marketing	3
Total		33

Major Required Courses		Credit Hours
<i>One of the following:</i>		3
MGT-330	Human Resources Management for Non-Profits	
MGT-332	Human Resources Management	
MGT-333	Operations Management	3
MGT-335	Organizational Behavior	3
MGT-336	Project Management	3
MGT-380	Internship	3
<i>Three of the following:</i>		9
BUS-317	International Business	
ECN-321	Managerial Economics	
MGT-215	Introduction to Sports Management	
MGT-221	Introduction to Non-Profit Administration	
MGT-238	Principles of Leadership	
MGT-330	Human Resource Management for Non-Profits	
MGT-332	Human Resources Management	
MGT-337	Entrepreneurship	
MGT-338	Advanced Leadership Studies	
MGT-339	International Management	
MGT-341	Fund Development	
MGT-343	Non-Profit Law and Governance	
MGT-361	Sports Media Relations & Event Management	
MGT-364	Sport in Society	
MGT-434	Organizational Development & Change	
Total		57

MANAGEMENT MINOR

ACC-221	Accounting I	3
ACC-222	Accounting II	3
MGT-231	Principles of Management	3
MGT-335	Organizational Behavior	3
<i>Three of the following:</i>		9
BUS-317	International Business	
ECN-321	Managerial Microeconomics	
MGT-215	Introduction to Sports Management	
MGT-221	Introduction to Non-Profit Administration	
MGT-238	Principles of Leadership	
MGT-330	Human Resource Management for Non-Profits	
MGT-332	Human Resources Management	
MGT-333	Operations Management	
MGT-337	Entrepreneurship	
MGT-338	Advanced Leadership Studies	
MGT-339	International Management	
MGT-341	Fund Development	
MGT-343	Non-Profit Law and Governance	
MGT-361	Sports Media Relations & Event Management	
MGT-364	Sport in Society	
MGT-434	Organizational Development & Change	
Total		21

MARKETING MAJOR (*Bachelor of Science*)

Students selecting a business major with a marketing emphasis are not required to complete a minor.

Business Core		Credit Hours
ACC-221	Accounting I	3
ACC-222	Accounting II	3
BUS-211	Business Statistics	3
BUS-213	Business Communication	3
BUS-361	Business Law	3
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
FIN-341	Principles of Finance	3
MGT-231	Principles of Management	3
MGT-432	Capstone Seminar: Strategic Management	3
MKT-251	Principles of Marketing	3
Total		33

Major Required Courses		Credit Hours
MKT-350	Marketing Management	3
MKT-352	Marketing Research	3
MKT-353	Marketing Communications	3
MKT-380	Internship	3
MKT-452	Marketing Problems/Strategy	3
<i>Three of the following:</i>		9
BUS-317	International Business	
PUB-361	Advertising Practices	
MGT-215	Introduction to Sports Management	
MGT-221	Introduction to Non-Profit Administration	
MGT-337	Entrepreneurship	
MGT-361	Sports Media Relations & Event Management	
MKT-355	Retailing	
MKT-357	Consumer Behavior	
MKT-358	Sales Management	
MKT-359	International Marketing	
MKT-362	Sports Marketing and Sales	
Total		57

MARKETING MINOR

Required Courses		Credit Hours
MKT-251	Principles of Marketing	3
MKT-350	Marketing Management	3
MKT-352	Marketing Research	3
MKT-452	Marketing Problems/Strategy	3
<i>Three of the following:</i>		9
BUS-317	International Business	
PUB-361	Advertising Practices	
MGT-215	Introduction to Sports Management	
MGT-221	Non-Profit Administration	
MGT-361	Sports Media Relations & Event Management	
MKT-353	Marketing Communications	
MKT-355	Retailing	
MKT-357	Consumer Behavior	
MKT-358	Sales Management	
MKT-359	International Marketing	
MKT-362	Sports Marketing and Sales	
Total		21

NON-PROFIT ADMINISTRATION (NPA) MAJOR *(Bachelor of Science)*

Business Core		Credit Hours
ACC-221	Accounting I	3
ACC-222	Accounting II	3
BUS-211	Business Statistics	3
BUS-213	Business Communication	3
BUS-361	Business Law	3
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
FIN-341	Principles of Finance	3
MGT-231	Principles of Management	3
MGT-432	Capstone Seminar: Strategic Management	3
MKT-251	Principles of Marketing	3

Major Required Courses

MGT-238	Principles of Leadership.....	3
MGT-336	Project Management.....	3
*MGT-221	Introduction to Non-Profit Administration.....	3
*MGT-330	Human Resources Management for Non-Profits.....	3
*MGT-341	Fund Development.....	3
*MGT-343	Non-Profit Law & Governance.....	3
MGT-380	Internship.....	3
<i>One of the following:</i>		
MGT-333	Operations Management	
MKT-350	Marketing Management	
REL-243	The Intercultural Mandate	
SOC-352	Intercultural Communication	
SWK-111	Introduction to Social Work	
Total.....		57

NON-PROFIT ADMINISTRATION (NPA) MINOR

Required non-profit related courses

*MGT-221	Introduction to Non-Profit Administration.....	3
*MGT-330	Human Resources Management for Non-Profits.....	3
*MGT-341	Fund Development.....	3
*MGT-343	Non-Profit Law & Governance.....	3
MGT-231	Principles of Management.....	3
MGT-380	Internship.....	3
<i>One of the following:</i>		
MGT-238	Principles of Leadership	
MGT-333	Operations Management	
MGT-335	Organizational Behavior	
MGT-336	Project Management	
MKT-350	Marketing Management	
REL-243	The Intercultural Mandate	
SOC-352	Intercultural Communication	
SWK-111	Introduction to Social Work	
Total.....		21

SPORTS MANAGEMENT MAJOR *(Bachelor of Science)*

Students selecting a business major with a sports management emphasis are not required to complete a minor.

Business Core		Credit Hours
ACC-221	Accounting I.....	3
ACC-222	Accounting II.....	3
BUS-211	Business Statistics.....	3
BUS-213	Business Communication.....	3
BUS-361	Business Law.....	3
ECN-231	Macroeconomics.....	3
ECN-232	Microeconomics.....	3
FIN-341	Principles of Finance.....	3
MGT-231	Principles of Management.....	3
MGT-432	Capstone Seminar: Strategic Management.....	3
MKT-251	Principles of Marketing.....	3

Major Required Courses		Credit Hours
MGT-215	Introduction to Sports Management	3
MGT-361	Sports Media Relations & Event Management	3
MGT-364	Sport in Society	3
MGT-380	Internship	3
MKT-362	Sports Marketing & Sales	3
<i>Three of the following:</i>		9
MGT-221	Introduction to Non-Profit Administration	
MGT-238	Principles of Leadership	
MGT-330	Human Resources Management for Non-Profits	
MGT-332	Human Resources Management	
MGT-337	Entrepreneurship	
MKT-350	Marketing Management	
MKT-353	Marketing Communications	
MKT-358	Sales Management	
MKT-452	Marketing Problems/Strategy	
Total		57

SPORTS MANAGEMENT MINOR

Required Courses		Credit Hours
MGT-215	Introduction to Sports Management	3
MGT-231	Principles of Management	3
MGT-361	Sports Media Relations & Event Management	3
MGT-364	Sport in Society	3
MKT-251	Principles of Marketing	3
MKT-362	Sports Marketing & Sales	3
<i>One of the following:</i>		3
MGT-221	Introduction to Non-Profit Administration	
MGT-238	Principles of Leadership	
MGT-330	Human Resources Management for Non-Profits	
MGT-332	Human Resources Management	
MGT-337	Entrepreneurship	
MKT-350	Marketing Management	
MKT-353	Marketing Communications	
MKT-358	Sales Management	
MKT-452	Marketing Problems/Strategy	
Total		21

COURSE DESCRIPTIONS

DEPARTMENT AND LEVEL/COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

ACCOUNTING

- ACC-221 Accounting I 3/2**
An introduction to the fundamental principles of financial accounting. Accounting cycle, asset valuation, short-term liabilities, payroll, income determination, and financial reporting are emphasized.
- ACC-222 Accounting II 3/2**
A continuation of ACC-221 and managerial accounting topics. Long-term liabilities, owner's equity, cash flow and interpretation of financial statements. Cost accounting and managerial accounting and analysis will be introduced.
Prerequisite: ACC-221
- ACC-321 Intermediate Accounting I 3/2**
The practice and theory of accounting as applied to assets and liabilities. Emphasis on developing analytical abilities and applying accounting principles to a wide variety of business situations. Prerequisite: ACC-222
- ACC-322 Intermediate Accounting II 3/2**
The practice and theory of accounting as applied to stockholders' equity, leases, pensions, revenue recognition, tax allocation, and financial reporting and analysis. Prerequisite: ACC-321
- ACC-327 Taxation 3/2**
Federal income tax structure as related to individuals, partnerships, and corporations. Problems intended to provide an understanding of the theory, law, and regulations. Prerequisite: ACC-222
- ACC-331 Cost Accounting 3/4**
Accounting functions in the manufacturing environment. Product costing, overhead cost analysis, standard costs, activity based costing, variance analysis, contribution accounting, flexible budgeting, and responsibility center accounting. Prerequisite: ACC-222
- ACC-332 Accounting Information Systems 3/4**
Students will learn to apply their knowledge about accounting transactions to various accounting information systems. Topics will include the sources of accounting data, entry, processing, storage and output. Students will be able to identify various internal controls throughout the flow. The need for and control of changes in accounting systems will be analyzed.
Prerequisite: ACC-222
- ACC-380 Internship 1-6/1**
This course will be aimed at practical work experience in a business setting. Students will have opportunities to apply classroom knowledge to business world situations in accounting. Prerequisite: Permission of internship instructor. See page 35 for internship requirements.
- ACC-421 Advanced Accounting 3/4**
A study of specialized accounting topics. Emphasis is placed on accounting for business combinations. Additional topics include partnerships, governmental, nonprofit organizations, estates and trusts, and accounting procedures for insolvency. Prerequisite: ACC-321
- ACC-423 Auditing 3/4**
Functions of financial audits and auditors' reports, audit evidence and techniques, internal control review and evaluation, application to selected financial statement topics, applications of statistics, audit of EDP systems, auditors' ethical and legal responsibilities. Prerequisites: ACC-321, ACC-332, BUS-211 or MAT-151

BUSINESS

- BUS-211 Business Statistics 3/1**
Descriptive statistics including measures of central tendency and standard deviation, time series analysis, statistical inference with emphasis upon testing of hypotheses and measures of association, and application of these techniques to decision-making and planning. Emphasis is placed on methods for defining, researching, analyzing, and evaluating problems found in business. Prerequisite: Core requirement in Math.
- BUS-213 Business Communications 3/2**
This course is a study of the effective communication skills as applied to business organizations, including written, oral and mediated communication. An experiential learning approach will be used to apply course knowledge to creating the communication required to start a new business or non-profit.
- BUS-215 International Business Experience (ECN-215) 3/2**
This course provides an opportunity for participants to acquire a hands-on overview of global business challenges and opportunities. With experienced faculty and practitioners as guides, participants will tour selected country firms and organizations and visit with industry executives with the purpose of exploring country-specific business practices and cultures.

BUS-236	ENACTUS	0-2/1
The objective of ENACTUS is experiential learning through community projects. Students will continually develop, innovate and implement an assortment of projects that will benefit partners in the community while furthering the student's understanding of standard business practices through application of their college curriculum.		
BUS-241	Personal Financial Planning	3/6
A study of the principles and practices of personal money management. Topics include: budgeting, taxes, banking, credit, investments, retirement, and estate planning. This course does not count toward any Business majors/minors.		
BUS-280	Topics in Business	1-3/6
BUS-317	International Business	3/2
A study of international business systems within the context of the challenges of globalization. Emphasis is on fundamental economic theory and trade arguments, international monetary systems, international organizations, the role of trading blocs in regional integration, foreign direct investments, and international environmental forces, including ethical and legal considerations. Prerequisite: MKT-251 or MGT-231		
BUS-337	Quantitative Methods and Quality Control	3/6
Inspection techniques and statistical quality control as it applies to production processes and purchasing function. Prerequisite: BUS-211		
BUS-361	Business Law	3/1
A study of the legal process, negligence, wills, trusts and estates, property law, contracts, negotiable instruments, bank deposits, secured transactions, bankruptcy, business enterprises, administrative law, agency and employment law. Emphasis is placed on the practical application of legal concepts in the business world and the relationship between the Bible and business law concepts.		
BUS-380	Internship	1-6/1
This course is aimed at practical work experience in a business setting. Students will have opportunities to apply classroom knowledge to business world situations. Prerequisite: Permission of internship instructor. See page 39 for internship requirements.		
BUS-470	Directed Readings	1-3/6
BUS-480	Advanced Topics	1-3/6
BUS-490	Independent Study	1-3/6

COMPUTER INFORMATION SYSTEMS

CSC-112	Introduction to Spreadsheets	1/6
An understanding of spreadsheets and their use in financial applications.		
CSC-113	Intermediate Spreadsheets	1/6
This course is a continuation of the study of Microsoft Excel. The objective is to enable the students to use many of the more important and complex features of Excel. Topics such as the following will be covered: conditional and logical functions, pivot tables, data consolidation, worksheet outlining, goal seeking problem solver and scenario manager. Prerequisite: CSC-112 Introduction to Spreadsheets or permission of instructor.		
CSC-116	Introduction to Data Management	3/6
This course is an introduction to the application programs of Excel and Access and their use in managing data. Data management, security and design issues are discussed.		
CSC-121	Introduction to Programming	4/6
This is the first course in programming. Topics include the design, coding, testing, and documentation of programs written in a modern high-level language. Fundamental issues of object-oriented programming, efficiency, and complexity are introduced in the context of programming and problem solving.		
CSC-15	Hardware and Software Concepts	3/6
A breadth-first introduction to Computer Science and Information Systems, emphasizing hardware, operating systems, and programming. Desktop computer hardware is described theoretically, with application to computer assembly, troubleshooting, and repair. Operating systems functions and components are studied, with application to system installation and maintenance. Network technologies are surveyed, and fundamental concepts of programming are introduced through HTML and scripting.		
CSC-221	Visual Basic	3/6
An introduction to programming using Visual Basic. This course introduces programming concepts specifically applied to the object-oriented environment of Windows. Prerequisite: Experience with Windows-based applications.		
CSC-222	Introduction to Web Development	3/6
This course will focus on the basics of Web site structure, including HTML, and Cascading Style Sheets. It will also introduce database integration.		
CSC-380	Internship	1-6/6
Practical work experience in a situation where decisions are made concerning equipment, programming or workflow operations. Prerequisite: Permission of instructor. See page 39 for internship requirements.		
CSC-470	Directed Readings	1-3/6
Typically, a student selection of readings in Computer related topics. Consultation with Business/Computer faculty and a complete application form is required. Prerequisites: See General Requirements.		

FIN-371	Investments	3/2
This course will focus on the allocation of capital in the capital markets. Topics include the operation and regulation of investment markets, investment asset classes, portfolio management, analysis of risk and return and investment trading. Prerequisite: FIN-341		
FIN-372	Securities Brokerage	3/4
This course will focus on the securities industry and the brokerage business. Topics include financial ethics, the regulatory environment, client relations, investment planning, security analysis and transaction procedures. Prerequisites: FIN-341, FIN-371		
FIN-373	Real Estate Management & Investment	3/4
This course will focus on the basic principles of real estate management and investment. Topics include real estate markets, characteristics of real estate, appraising methods, government regulation, licensing and ethical considerations. Prerequisite: FIN-341		
FIN-374	Insurance and Risk Management	3/4
This course will focus on the basic principles of insurance and risk management. Topics include personal and business insurance vehicles, business exposure, types of coverage and minimizing risk. Prerequisite: FIN 341		
FIN-376	Management of Financial Institutions	3/4
This course will focus on the financial management of retail banks, commercial banks and other financial intermediaries. Topics include risk management, asset composition, capital adequacy, liquidity and the regulatory environment. Prerequisite: FIN 341		
FIN-380	Internship	1-6/1
This course will be aimed at practical work experience in a business setting. Students will have opportunities to apply classroom knowledge to business world situations in finance. Prerequisite: Permission of internship instructor. See page 39 for internship requirements.		

MANAGEMENT

MGT-215	Introduction to Sports Management	3/2
An overview of the diverse field of Sports Management. This course includes an in-depth examination of various careers, training and necessary courses of study. Additionally, management skills along with related speaking and writing competencies are emphasized.		
MGT-221	Introduction to Non-Profit Administration	3/2
The course will provide the student with an introduction to non-profit administration, program evaluation, community development and organizing, an overview of the non-profit sector and philanthropy.		
MGT-231	Principles of Management	3/2
This course is an introduction to the four management functions including planning, organizing, leading and controlling. Students will also discuss the integration of faith and business in both personal and corporate contexts.		
MGT-238	Principles of Leadership	3/2
Students will engage in a basic study of current theories of leadership. Through a variety of presentation methods, small group work, self-reflection, and peer review, students will observe and practice leadership principles, while identifying personal styles and preferences.		
MGT-270	Readings In Leadership	1/6
This is primarily a readings course, which requires the student to read leadership literature, interview a leader, and write a personal philosophy of leadership. In these activities, the student will analyze, synthesize, and evaluate findings.		
MGT-330	Human Resources Management for Non-Profits	3/4
This course provides the fundamental concepts, terminology and technical basics involved in public sector human resources management to deal effectively with the human issues in the workplace. Instructors and guest speakers use lectures, case studies and discussions to provide real world perspectives, along with a focus on ethics in human resources management. Prerequisite: MGT-221		
MGT-332	Human Resources Management	3/2
The objectives, functions, and organization of personnel programs; recruitment, selection, training, evaluation, development, and promotion; wage incentives, fringe benefits, OSHA, and the collective bargaining process. Prerequisite: MGT-231		
MGT-333	Operations Management	3/2
This course is a survey of operations management and will focus on the systematic planning, design and operation of processes required for the production of goods and services. This course covers operations, management tools, quality issues and process reengineering. Prerequisite: MGT-231		
MGT-335	Organizational Behavior	3/2
Presents integrative theory of organization behavior and human motivation as influenced by leadership, the organization itself, and social environment. Prerequisite: MGT-231		
MGT-336	Project Management	3/2
This course will examine key factors related to successful completion of both large and small projects. Topics will include project selection, chartering, scope, resources, scheduling, budgeting, controlling, termination and team leadership. Students will approach learning through a semester-long project planning activity. Prerequisite: MGT-231		

- MGT-337 Entrepreneurship 3/4**
Fundamental principles of management in a small business environment. Emphasis on the managerial considerations involved in establishing, planning, and financing a new business, as well as operating a going concern. Prerequisites: ACC-221, MGT-231, MKT-251.
- MGT-338 Advanced Leadership Studies 3/4**
This class will build on the notion that leadership is about relationships with an emphasis on Bible-friendly models. Chaos theory as applied to organizations will be examined regarding planning methodologies. Additional major topics include: leading in a time of rapid change, Kouzes & Posner's LPI model, and Leadership Development; both self-development and as a management consultant. Prerequisite: MGT-238
- MGT-339 International Management 3/4**
A focus on management challenges associated with developing strategies and managing the operations of enterprises whose activities stretch across national boundaries. International firms will be examined with special emphasis on the management of resources and production. Prerequisite: MGT-231
- MGT-341 Fund Development 3/4**
This course provides an overview of fund development, fundraising strategies and sources to consider as part of a healthy fundraising program. It will discuss the principles of non-profit finance. Grant writing will also be covered. Prerequisite: MGT-221
- MGT-343 Non-Profit Law & Governance 3/4**
A practical look at non-profit governance, including organizational lifecycles and best practices. Topics include starting a non-profit, non-profit law, board governance, public policy and advocacy and how to monitor and evaluate the Executive Director. Prerequisite: MGT-221
- MGT-361 Sports Media Relations & Event Management 3/4**
Creating the goals and philosophy of events, event planning and scripting, entertainment programming, security, traffic and first-aid services, managing relations with the media, connecting with the community and philanthropic alignment. Practical field experience would be included. Prerequisite: MGT-215 (concurrent)
- MGT-364 Sport in Society 3/4**
Interaction between social institutions and sports. Inquiry into how various behavior, psychological and social variables interact in the culture of sport, trends and patterns of change in the culture of sport. Practical field experience would be included. Prerequisite: MGT-215 (concurrent)
- MGT-380 Internship 1-6/1**
This course will be aimed at practical work experience in a business setting. Students will have opportunities to apply classroom knowledge to business world situations in management or sports management. Prerequisite: Permission of internship instructor. See page 39 for internship requirements.
- MGT-432 Capstone Seminar: Strategic Management 3/2**
This course is the senior level capping course designed to integrate the knowledge and techniques studied in other courses such as accounting, economics, finance, management, marketing, and quantitative methods. It is also designed to provide experience in formulating organizational strategies and policies for meeting specified organizational strategic and operational goals. The case and business game approach is used. Prerequisite: senior status
- MGT-434 Organizational Theory, Development and Change 3/6**
This course focuses on organizational theory with a special emphasis on the organizational development cycle and change management techniques. Prerequisites: MGT-231, MGT-335

MARKETING

- MKT-251 Principles of Marketing 3/2**
An introduction to marketing centered on the areas of product, pricing, distribution, and promotion with specific application to market orientation and the marketing function.
- MKT-350 Marketing Management 3/2**
A systematic assessment of the roles, responsibilities and tools of the marketing manager and how these are used to develop marketing plans and strategies. Application to current situations will be emphasized. Prerequisite: MKT-251, junior status
- MKT-352 Marketing Research 3/4**
An analysis of research methodology, including both quantitative and qualitative traditions of inquiry and the skills needed to conduct market research and resolve marketing related problems. Emphasis will be placed on the mechanics of basic market research. Prerequisites: MKT-251, BUS-211
- MKT-353 Marketing Communications and PUB-262 Advertising Principles 3/2**
An integrated study of the strategy and methods of advertising campaigns, including print, radio, television, Internet, direct mail, public relations and viral marketing. This course provides "hands-on" practice working with real clients and businesses, emphasizing message elements, primary research, the creative process, copywriting and pitching ideas in oral presentations. Prerequisite: COM-112
- MKT-355 Retailing 3/4**
A study of topics related to retail businesses. Topics include management methods, location analysis, store organization, personnel planning, merchandising, buying and pricing techniques, identifying target markets, public relations, and cost management. Prerequisite: MKT-251

MKT-357	Consumer Behavior	3/4
Develops awareness of various aspects of consumer motivation and behavior. Provides understanding of influences of business and environment and how each will affect consumer purchase decisions. Prerequisite: MKT-251		
MKT-358	Sales Management	3/4
Analyzes development and administration of the sales effort within the marketing organization. Included will be an assessment of the administrative functions required to manage the sales function as well as personal skills needed to function in a sales environment. Prerequisite: MKT-251		
MKT-359	International Marketing	3/4
A study of global markets within the context of general, regional and country-specific environmental forces, including managerial challenges of implementing international marketing strategies. Emphasis is on environmental analysis, international marketing strategies, and current international marketing issues, including the challenges of standardization, adaptation, marketing laws and ethical considerations and practices. Prerequisite: MKT-251.		
MKT-362	Sports Marketing and Sales	3/4
Marketing mix and its connection to the strategic plan of the organization; identification and critique of the major marketing strategies in sport, preparing local economic analysis necessary to develop a sales program strategy, creating a program of incentives for sales personnel. Practical field experience would be included. Prerequisite: MGT-215 (concurrent) and MKT-251.		
MKT-380	Internship	1-6/1
This course will be aimed at practical work experience in a business setting. Students will have opportunities to apply classroom knowledge to business world situations in marketing. Prerequisite: Permission of internship instructor. See page 39 for internship requirements.		
MKT-452	Marketing Problems/Strategy	3/2
An in-depth view of marketing strategies and how they are employed to identify and resolve today's marketing problems, including ethical considerations. Emphasis is on case analysis, concepts applications based on identifiable controllable and uncontrollable forces, the integration and synergy of marketing programs. Prerequisites: MGT-231, MKT-251, junior status		

COMMUNICATION & MEDIA DIVISION



Pete Muir, M.A., Ph.D.
Division Chair

The Communication & Media Division exists to instruct, equip and mentor students to engage the marketplace of ideas in strategic and creative ways as skilled professionals and agents of reconciliation who seek to influence their culture.

Our students will carry with them the ability to employ valued communication theory in their specialized areas, evaluate and discern the ethical practices of communication, and present mastery of skills with professional expertise. They will also demonstrate proficiency in the analysis and interpretation of popular culture, with leadership, creativity and integrity.

Our students have access to high-end technical equipment through the Center for Academic Media Services (CAMS). Our classrooms have two shooting stages, two music recording studios and a fully equipped editing lab and suites with major non-linear editing platforms. Experienced professors, with decades of professional connections in each of the disciplines assist and mentor students through their internships. Students also benefit from the media-rich Grand Rapids/West Michigan marketplaces.

The Herald campus weekly newspaper regularly wins awards for outstanding collegiate work. Our media students have earned multiple honors from the prestigious NRB Awards of Excellence for video production.

We have assembled a superb faculty to meet the needs of our growing programs. They bring a firm commitment to Christ, and have strong academic credentials combined with decades of professional experience. They demonstrate their passion for teaching as they encourage their students to go further, faster and deeper than they have in their own professional careers.

As you seek where God is calling you - we hope you will consider our courses and programs - so that you will find your "sweet spot" in service to Him and within the media-saturated marketplace.

DEGREES

Bachelor of Arts (B.A.)
Bachelor of Science (B.S.)

MAJORS

Audio Production (B.A.)
Communication Studies - Broadcast
 Communication Cognate (B.A.)
Communication Studies - Strategic
 Communication Cognate (B.A.)
Communication Arts Group (Secondary Education; B.A.)
Digital Media (B.A.)
Film and Video Production (B.A.)
Journalism (B.S.) Editing/Publishing
Journalism (B.S.) Reporting
Language Arts Group (Elementary Education; B.A.)
Photography (B.A.)
Public Relations (B.S.)

MINORS

Audio Production
Communication Studies
Communication Arts Group (Secondary Education)
Digital Media
Film and Video Production
Graphic Design
Journalism
Language Arts Group (Elementary Education)
Photography
Public Relations

FACULTY

Muir, Pete, Associate Professor of Communication and Media (2006) (Chair); B.Bus (1995), Queensland University of Technology; M.A. (2000), Queensland University of Technology; Ph.D. (2013), Western Michigan University

Blanchard, Alan D., Associate Professor of Journalism (2003), Journalism Dept. (2007) (Director), Executive Director of the Cornerstone Journalism Institute (2003); B.A. (1988), Eastern New Mexico University; Ph.D. (cand.), Michigan State University

Detwiler, Timothy J., Professor of Communication and Media (1979) (Dean of Institutional Effectiveness); B.A. (1977), Cedarville College; M.A. (1982), Temple University; Ph.D. (1991), Pennsylvania State University

Duff, Desiree C., Professor of Communication and Media (1996); B.A. (1979), Cedarville College; M.A. (1982), Purdue University; Ph.D. (2010), Michigan State University

Miller, Randy D., Instructor in Audio Production (2011); B.Mus. (1999), (Contemporary Music and Recording Arts), Grace Bible College

Porter, Bradley M., Assistant Professor of Cinematography (2012); B.A. (2008), Cornerstone University; M.F.A. (2012), Chapman University

Sindorf, Kathleen O., Associate Professor of Communication and Media (2005); B.A. (1975), Cornerstone University; M.A. (1976), University of Michigan

CRITERIA FOR GRADUATION AS A DIVISION MAJOR

See the Academic Information section under Graduation Requirements.

Degree information for the Bachelor of Arts and Bachelor of Science degrees along with major and minor listings by division can be found in the catalog section entitled Degree Information.

BACHELOR OF ARTS MAJORS & MINORS

AUDIO PRODUCTION MAJOR *(does not require a minor)*

Required Courses		Credit Hours
MDA-121	Intro to Electronic Media	3
MDA-151	Music Fundamentals for Audio Production	3
MDA-161	A/V tech production.	3
MDA-261	Audio Production I	3
MDA-262	Live Sound Production.	4
MDA-271	Film and Video Production I	3
MDA-272	Deconstructing Pop music Production.	3
MDA-281 *	Audio Production II.	3
MDA-319	Mass Media Literacy	3
MDA-361	Audio for Media Production	3
MDA-363	Audio for Post Production.	3
MDA-380	Internship	4
MDA-381	Mixing and Mastering	3
MDA-484	Music Producing	3
MDA-486	Capstone Audio Project.	3
COM-321	Group Communication.	3
COM-400	Capstone Seminar	3
MUS-460	Music Business	3
Total . . . . .		.56

* Must achieve a grade of C- or greater to pass

AUDIO PRODUCTION MINOR *(for media majors only.)*

Required Courses		Credit Hours
MDA-151	Music Fundamentals for Audio Production	3
MDA-262	Live Sound Production with Lab	4
MDA-272	Deconstructing Popular Music Production.	3
MDA-281	Audio Production II	3
MDA-361	Audio for Media Production	3
MDA-363	Audio for Post Production	3
Total . . . . .		.19

AUDIO PRODUCTION MINOR (for *non-media* majors only.)

Required Courses	Credit Hours
MDA-121 Intro to Electronic Media	3
MDA-161 Audio/Video Technical Production.	3
MDA-261 Audio Production I.	3
MDA-262 Live Sound Production with Lab	4
MDA-281 Audio Production II	3
MDA-319 Mass Media Literacy.	3
MDA-361 Audio for Media Production.	3
Total	19

COMMUNICATION STUDIES MAJOR (does not require a minor)

Required Courses	Credit Hours
COM-212 Interpersonal Communication	3
COM-311 Intercultural Communication	3
COM-315 Communication Theory.	3
COM-321 Group Communication	3
COM-322 Advanced Public Speaking.	3
COM-325 Rhetorical Criticism	3
COM-369 Communication Research Methods	3
COM-380 Internship	3
MDA-319 Mass Media Literacy.	3
COM-400 Senior Seminar	3
One of the following:	3
JRN-201 News Writing & Reporting I	
MDA-318 Writing for the Electronic Media	
JRN-313 Feature/Travel Writing	
JRN-325 Professional Media Practice	
ENG-317 Creative Non-Fiction	
Choose one cognate:	15
Broadcast Communication Cognate	
MDA-121 Intro to Electronic Media	3
MDA-271 Film and Video Production.	3
MDA-354 Announcing & Reporting	3
COM-241 Oral Interpretation	3
Strategic Communication Cognate	
COM-326 Organizational Communication.	3
BUS-213 Business Communication	3
PUB-161 Intro to Public Relations	3
PUB-262 Advertising Principles	3
PUB-363 Media Relations.	3
Total Core	33
Total Cognate	15
Total Major	48

COMMUNICATION STUDIES MINOR

Required Courses	Credit Hours
COM-212 Interpersonal Communication	3
COM-311 Intercultural Communication	3
COM-315 Communication Theory.	3
COM-321 Group Communication	3
COM-322 Advanced Public Speaking.	3
MDA-319 Mass Media Literacy.	3
Total	18

COMMUNICATION ARTS GROUP MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
COM-112 Communication in Culture	3
COM-212 Interpersonal Communication	3
COM-311 Intercultural Communication	3
COM-315 Communication Theory.	3
COM-321 Group Communication	3
COM-322 Advanced Public Speaking.	3
COM-325 Rhetorical Criticism	3
JRN-201 News Writing and Reporting I.	3

JRN-313	Feature/Travel Writing	3
MDA-121	Introduction to Electronic Media	3
MDA-319	Mass Media Literacy	3
<i>One of the following:</i>		3
COM-241	Introduction to Oral Interpretation	
Total		36

COMMUNICATION ARTS GROUP MINOR FOR SECONDARY TEACHERS

Required Courses		Credit Hours
COM-212	Interpersonal Communication	3
COM-311	Intercultural Communication	3
COM-315	Communication Theory	3
JRN-201	News Writing & Reporting I	3
JRN-313	Feature/Travel Writing	3
MDA-319	Mass Media Literacy	3
<i>One of the following:</i>		3
COM-241	Introduction to Oral Interpretation	
Total		21

DIGITAL MEDIA MAJOR

Required Courses		Credit Hours
PHO-235	Principles of Visual Communication	3
PHO-236	Introduction to Photography	3
JRN-213	Print/Web Media Graphics	3
MDA-121	Introduction to Electronic Media	3
MDA-161	Audio/Video Technical Production	3
MDA-261	Audio Production I	3
MDA-271	Film and Video Production I	3
MDA-282	Film and Video Production II	3
MDA-318	Writing for the Electronic Media	3
MDA-380	Internship	4
COM-400	Capstone Seminar	3
<i>Kendall College of Art & Design Courses</i>		
KCDS-142	Design Drawing I	3
KCDS 143	Design Drawing II	3
KCDM-317	Web Design I	3
KCDM-318	Web Design II	3
KCDM-294	2D Animation	3
<i>Media theory elective:</i>		3
MDA-319	Mass Media Literacy	
MDA-321	Media Aesthetics	
JRN-401	Mass Media Ethics, History, Law	
<i>Communication Elective:</i>		3
COM-212	Interpersonal Communication	
BUS-213	Business Communication	
COM-321	Group Communication	
Total		55

DIGITAL MEDIA MINOR

Required Courses		Credit Hours
PHO-235	Principles of Visual Communication (KCGD-113)	3
MDA-261	Audio Production I	3
MDA-271	Video Production I	3
<i>Kendall College of Art & Design Courses</i>		
KCDS-142	Design Drawing I	3
KCDS-143	Design Drawing II	3
KCDM-317	Web Design I	3
KCDM-318	Web Design II	3
KCDM-294	2D Animation	3
Total		24

FILM AND VIDEO PRODUCTION

Required Courses		Credit Hours
PHO-236	Intro to Digital Photography .....	.3
MDA-121	Intro to Electronic Media .....	.3
MDA-161	A/V Technical Production .....	.3
MDA-254	Film History .....	.3
MDA-261	Audio Production .....	.3
MDA-271	Film and Video Production I .....	.3
MDA-282	Film and Video Production II .....	.3
MDA-284 *	Film and Video Production III .....	.3
MDA-318	Writing for Electronic Media .....	.3
MDA-319	Mass Media Literacy .....	.3
MDA-321	Media Aesthetics .....	.3
MDA-355	Media Business .....	.3
MDA-380	Internship .....	.4
MDA-457	Documentary Production .....	.3
MDA-458	Dramatic Production .....	.3
COM-321	Group Communication .....	.3
COM-400	Capstone Seminar .....	.3
Junior production classes		
<i>Fall - Choose one:</i> .....		.3
MDA-359	Multi-cam Production	
MDA-372	Music Video Production	
<i>Spring - Choose one:</i> .....		.3
MDA-337	Experimental Production	
MDA-356	Corporate Production	
<i>Specialization Elective - Choose one:</i> .....		.3
MDA-323	Pre-production Theory and Praxis	
MDA-324	Production Theory and Praxis	
MDA-325	Post-Production Theory and Praxis	
Total .....		.61

* Must achieve a grade of C- or better to pass

FILM AND VIDEO PRODUCTION VIDEO MINOR (Non-Audio Production majors)

Required Courses		Credit Hours
PHO-236	Intro to Digital Photography .....	.3
MDA-121	Intro to Electronic Media .....	.3
MDA-261	Audio Production .....	.3
MDA-271	Film and Video Production I .....	.3
MDA-282	Film and Video Production II .....	.3
MDA-318	Writing for Electronic Media .....	.3
MDA-319	Mass Media Literacy .....	.3
Total .....		.21

FILM AND VIDEO PRODUCTION VIDEO MINOR (Audio Production majors only)

Required Courses		Credit Hours
PHO-236	Intro to Digital Photography .....	.3
MDA-282	Film and Video Production II .....	.3
MDA-318	Writing for Electronic Media .....	.3
MDA-254	Film History .....	.3
MDA-284	Film and Video Production III .....	.3
MDA-321	Media Aesthetics .....	.3
Total .....		.18

GRAPHIC DESIGN MINOR

Required Courses		Credit Hours
PHO-235	Principles of Visual Communication (KCGD-113) .....	.3
JRN-213	Print/Web Media Graphics .....	.3
<i>Kendall College of Art & Design Courses</i>		
KCDS-142	Design Drawing I .....	.3
KCDS-143	Design Drawing II (pre KCDS-142) .....	.3
KCGD-112	Graphics Studio I .....	.3
KCGD-122	Graphics Studio II (pre KCGD-112, KCDS-142) .....	.3
KCGD-214	Typography I (pre KCGD-112, KCDS-142) .....	.3
KCGD-222	Graphics Studio III (pre KCGD-122, KCDS-143) .....	.3
Total .....		.24

LANGUAGE ARTS GROUP MAJOR FOR ELEMENTARY TEACHERS

Required Courses	Credit Hours
COM-212 Interpersonal Communication .....	.3
COM-315 Communications/Theory .....	.3
ENG-223 Introduction to Literature .....	.3
ENG-224 World and Literature .....	.3
ENG-226 Introduction to Creative Writing .....	.3
ENG-321 Children's Literature .....	.3
JRN-201 Newswriting and Reporting I .....	.3
MDA-319 Mass Media Literacy .....	.3
ENG-212 Writing in Culture .....	.3
<i>Two of the following:</i>	6
COM-241 Introduction to Oral Interpretation	
COM-311 Intercultural Communication	
COM-321 Group Communication	
<i>One of the following:</i> .....	.3
ENG-322 Practice of Criticism	
ENG-324 Literary Modernisms	
ENG-326 Contemporary Literature	
ENG-328 Selected Authors and Eras	
ENG-334 American Renaissance in the 19th Century	
ENG-344 British Literature to 1700	
ENG-353 Linguistic History of English	
Total .....	.36

LANGUAGE ARTS GROUP MINOR FOR ELEMENTARY TEACHERS

Required Courses	Credit Hours
COM-212 Interpersonal Communication .....	.3
COM-311 Intercultural Communication .....	.3
ENG-223 Introduction to Literature .....	.3
ENG-224 World Literature .....	.3
ENG-226 Introduction to Creative Writing .....	.3
ENG-321 Children's Literature .....	.3
MDA-319 Mass Media Literacy .....	.3
Total .....	.21

PHOTOGRAPHY MAJOR

Required Courses	Credit Hours
Photography	
JRN-201 News Writing and Reporting I .....	.3
JRN-213 Print/Web Graphics .....	.3
COM-400 Capstone Seminar .....	.3
MDA-271 Film and Video Production I .....	.3
MDA-282 Film and Video Production II .....	.3
PHO-235 Principles of Visual Communication .....	.3
PHO-236 Intro to Photography .....	.3
PHO-238 Documentary Photography .....	.3
PHO-261 Photography Practicum/The Herald .....	.2
PHO-301 Color Photography .....	.3
PHO-302 Photo Editing .....	.3
PHO-303 Photography Studio Techniques .....	.3
PHO-380 Internship (min 2 experiences)	4
PHO-404 Seminar in Photography .....	.3
<i>Writing Elective:</i> .....	.3
JRN-313 Feature/Travel Writing	
JRN-325 Professional Media Practice	
MDA-318 Writing for the Electronic Media	
ENG-226 Intro to Creative Writing	
<i>Applied Elective:</i> .....	.3
MKT-251 Marketing Principles	
PUB-262 Advertising Principles	
JRN-401 Media Ethics, Law, History	
<i>Communication Elective:</i> .....	.3
COM-212 Interpersonal Communication	
BUS-213 Business Communication	
COM-321 Group Communication	
Total .....	.51

PHOTOGRAPHY MINOR

Required Courses	Credit Hours
PHO-235 Principles of Visual Communication.....	3
PHO-236 Intro to Digital Photography	3
PHO-238 Documentary Photography	3
PHO-303 Photography Studio Techniques.....	3
PHO-301 Color Photography.....	3
MDA-271 Video Production I.....	3
PHO-261/JRN-261 The Herald/Photography Practicum.....	2
Total	20

BACHELOR OF SCIENCE MAJORS & MINORS

JOURNALISM MAJOR *(Bachelor of Science)*

Students seeking a major in journalism are not required to complete a minor.

Required Courses	Credit Hours
JRN-201 News Writing and Reporting I.....	3
JRN-213 Print/Web Graphic Design	3
JRN-313 Feature/Travel Writing	3
ENG-319 Advanced Grammar.....	3
JRN-318 Editing Books, Magazines, Newspapers, Online	3
JRN-380 Internships (min. of 8 credit hours) *.....	8
JRN-323 Technical Writing	3
JRN-325 Professional Media Practice **	3
JRN-400 Capstone Seminar	3
JRN-401 Mass Media Ethics, History, Law	3
COM-339 Social Media **	3
Total	38

Choose 1 strand (14 or 15 hours)

Editing/Publishing Strand

JRN-261 News Practicum (2 sem @ 1 cr) ***.....	2
ENG-223 Introduction to Literature.....	3
ENG-317 Creative Nonfiction	3
ENG-320 Advanced Creative Writing	3
ENG-353 Linguistic History of English Language.....	3

Choose 2 of the following courses..... 6

PUB-161 Introduction to Public Relations	
PHO-235 Principles of Visual Communication	
PHO-236 Intro to Digital Photography	
BUS-236 ENACTUS	
ENG-364 Writers & Styles	

Reporting Strand

MDA-121 Intro to Electronic Media	3
JRN-261 News Practicum (3sem @ 1 cr) ***	3
PHO-236 Intro to Digital Photography	3
MDA-271 Film & Video Production 1	3
MDA-353 Announcing and Reporting	3

Choose 2 of the following courses..... 6

PUB-161 Introduction to Public Relations	
BUS-236 ENACTUS	
MDA-282 Film & Video Production II	
MDA-318 Writing for the Electronic Media	
ENG-353 Linguistic History of English Language	

Total

.58-59

JOURNALISM MINOR

Required Courses	Credit Hours
JRN-201 News Writing & Reporting I	3
JRN-213 Print/Web Media Graphics	3
JRN-261 News Practicum (take 3 semesters)	3
JRN-313 Feature/Travel Writing	3
JRN-318 Editing Books, Magazines and Newspapers	3
PHO-236 Intro to Digital Photography	3
One of the following:	3
JRN-323 Technical Writing	
JRN-325 Professional Media Practices	
Total	21

* See page 176 for Journalism Minor for secondary teachers

* Optional Washington Journalism Center fulfills 6 of 8 required internship credits for journalism majors, both strands. Not required.

**Social Media and Professional Media Practice are two new courses, not appearing in 2013-14 Academic Catalog. Four classes, JRN 202, JRN 320, JRN 321, 402 are being deleted, and will be consolidated into Professional Media Practice.

***News Practicum, formerly titled The Herald, consists of students gaining hands-on news writing experience for online & print editions of Herald, as well as publishing and stories via social media outlets such as Twitter, Facebook, etc.

PUBLIC RELATIONS MAJOR (does not require minor)

Required Courses	Credit Hours
PUB-161 Intro to Public Relations	3
PUB-262 Advertising Principles	3
PUB-362 Public Relations Campaigns	3
PUB-363 Media Relations	3
PUB-365 Writing for Public Relations	3
PUB-380 Internship (2 experiences)	4
MKT-251 Marketing Principles	3
COM-322 Advanced Public Speaking	3
COM-369 Com. Research Methods	3
COM-400 Capstone Seminar	3
JRN-201 News Writing and Reporting I	3
JRN-213 Print/Web Graphics	3
JRN-261 News Practicum	2
JRN-401 Mass Media Ethics, History and Law	3
Choose one from each category:	
Writing Elective	3
JRN-313 Feature/Travel Writing	
JRN-325 Professional Media Practices	
MDA-318 Writing for the Electronic Media	
Applied Elective	3
PHO-236 Intro to Digital Photography	
MDA-271 Film and Video Production I	
COM-364 Special Events and Promotions	
PUB-361 Advertising Practices	
Communication Elective	3
COM-212 Interpersonal Communication	
BUS-213 Business Communication	
COM-321 Group Communication	
Choose two from the following category	
Business Elective	6
BUS-236 Enactus	
MGT-221 Intro to Non-Profit Administration	
MKT-350 Marketing Management	
MKT-357 Consumer Behavior	
MKT-359 International Marketing	
MGT-231 Principles of Management	
Total	57

PUBLIC RELATIONS MINOR

PUB-161	Intro to Public Relations	3
PUB-262	Advertising Principles	3
PUB-363	Media Relations.....	3
MKT-251	Marketing Principles.....	3
JRN-201	News Writing and Reporting I.....	3
JRN-213	Print/Web Media Graphics.....	3
JRN-261	News Practicum (take 2 semesters).....	2
Total	.....	.23

COURSE DESCRIPTIONS

DEPARTMENT AND LEVEL/COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

COMMUNICATION STUDIES

COM-112	Communication In Culture	3/1
An introduction to the purposes, theory and practice of human communication. Students will develop knowledge, skills and attitudes needed to communicate confidently, effectively and charitably as wise citizens in interpersonal, small group, public speaking and mediated contexts. Prerequisite or corequisite for all COM and some MDA courses.		
COM-212	Interpersonal Communication	3/1
Study of the theory and practice of interpersonal communication. This course emphasizes the cultural, social, psychological, semantic, developmental and practical variables which influence communication in significant relationships. Students develop competence through a variety of learning experiences. Prerequisite: COM-112.		
COM-241	Introduction to Oral Interpretation	3/2
Exposure to and experience with the art of bringing literature to life for an audience. The course will explore the methods of analyzing narrative prose, drama, and poetry for performance. An emphasis will be placed on learning techniques to effectively communicate the meaning and feeling in each selection. Prerequisite: COM-112.		
COM-311	Intercultural Communication	3/1
An investigation into the many variables extant among people and groups with different cultural backgrounds, including the study of similarities and differences across cultures. Prerequisite: COM-112.		
COM-315	Communication Theory	3/2
Examination and evaluation of general, thematic, and contextual theories of communication. The course includes philosophical assumptions that impact the theoretical development of a Christian perspective for communication studies. Prerequisite: COM-112.		
COM-3XX	Social Media	3/2
The course aims to provide students majoring in journalism, public relations, communication and other fields with knowledge about finding and distributing information in conversations over social media. Students will be introduced to common platforms, techniques and ethical considerations. Prerequisite: ENG-212 (offered every spring)		
COM-321	Group Communication	3/2
The study of general and specific group communication theories and their relationship to communication in a variety of group settings. Topics include group formation, cohesiveness, groupthink, norms, leadership, decision-making and conflict. Students become better leaders and participants through a variety of experiential learning opportunities. Prerequisite: COM-112.		
COM-322	Advanced Public Speaking	3/2
Advanced training in the invention and presentation of speeches appropriate for public contexts. Students develop greater skill in adapting to rhetorical situations through analysis of the speaker-message-audience-context relationship. Students also gain further skill in critiquing the speeches of others. Prerequisite: COM-112.		
COM-325	Rhetorical Criticism	3/4
A study of traditional and contemporary theories of the formulation and practice of rhetorical discourse and application of those theories to the description, interpretation, and evaluation of rhetorical texts. Students engage in criticism of a number of types of texts including religious, political, and mediated forms. Prerequisite: COM-112.		
COM-326	Organizational Communication	3/4
A study of the structure and function of communication within organizations; organizational climate and culture, information flow, networks and role relationships are among the major themes addressed. Prerequisite: COM-112.		
COM-339	Social Media	3/2
The course aims to provide students majoring in journalism, public relations, communication and other fields with knowledge about finding and distributing information in conversations over social media. Students will be introduced to common platforms, techniques and ethical considerations. Prerequisite: ENG-212 (offered every spring)		
COM-364	Special Events and Promotions	3/4
Examines the elements of the event planning process, creative brainstorming, budgeting, overcoming obstacles, attracting sponsorships, soliciting volunteers, and evaluating success. Practical field experiences will be explored, including meeting professional meeting planners and visiting venues. Prerequisite: PUB-161		

COM-369 Communication Research Methods 3/2
Students learn qualitative and quantitative approaches in conducting and analyzing research in communication. Students gain “hands-on” research experience and analytical, scientific writing, and oral presentation skills. They become familiar with public opinion polling, survey techniques, focus groups, external research services and consultants, media and clipping analysis, and other research methods, including the ethical considerations in conducting research with human subjects. Course focuses are results-based decision making, measuring program effectiveness, measuring staff and counselor performance, and evaluation and reporting on results. This course will prepare students for graduate work as well as many job options in communication and business involving research, analysis, and documentation. Prerequisites: MAT-110, COM-112, Junior status

COM-380 Internship 1 - 6/1
Practical work experience using communication theory and skills in an appropriate setting relevant to the student’s area of emphasis. Prerequisites: Institutional requirements; COM-112.

COM-400 Capstone Seminar: Communication Studies 3/2
Examines, from a Christian worldview, the ethical and vocational issues associated with the study of human symbolic interaction. The interactions between philosophy, theory and practice will be analyzed. Prerequisite: senior status.

COM-463 Secondary Language Arts Methods (ENG-463) 3/2
Focuses on the content-specific pedagogy for teaching the language arts curriculum in public or private secondary schools. Prerequisite: Admission to and good standing in the Teacher Education program.

COM-490 - Independent Study 3 - 6/1
An independent project-related course. Students work closely with a professor in the choosing of a topic, its design, and in the developing of a plan for its completion. Prerequisite: approval of the division chair.

DANCE

DAN/KIN-129 Beginning Dance 1/4
An introduction to the fundamentals of movement for the actor, with emphasis on developing awareness of the body as a creative, expressive instrument. An overview of basic dance techniques will be included.

DAN/KIN-181 Modern Dance 1/4
Emphasis on modern dance technique and fundamentals of improvisation and choreography. Fundamental exercises and analysis of time, space and dynamics as they apply to elements of dance with emphasis on movement, structural alignment and integration.

DAN/KIN-183 Jazz Dance I 1/4
Fundamentals of jazz technique, basic vocabulary and combinations. Areas to develop include jazz walks, isolations, arabesque, grand plies and various turns.

DAN/KIN-184 Jazz Dance II 1/4
Intermediate skills in jazz dance technique, vocabulary and movement combinations. Study includes more complex vocabulary, longer movement combinations and more attention to technique and development of jazz dance style. Prerequisite: DAN/KIN-183

DAN/KIN-185 Fundamentals of Ballet 1/4
Fundamentals of ballet technique, basic vocabulary and combinations. Emphasis placed on alignment, integration and simple ballet movement.

DAN/KIN-186 Broadway Dance 1/4
Focus on technique and skills instrumental in Broadway-style choreography. Students will focus on learning terminology and form commonly used in musical theatre. They will also learn original repertoire from some of Broadway’s most celebrated choreographers covering a wide range of musical theatre eras and styles.

DAN/KIN-187 Fundamentals of Tap Dance 1/4
Fundamentals of tap dance, basic vocabulary and combinations. Emphasis of body placement, simple tap combinations, elements of performance quality and tap dance composition.

DIGITAL MEDIA *(Kendall College of Art & Design Courses)*

KCDS-142 Design Drawing I
Freehand drawing using basic perspective principles and quick sketch techniques.

KCDS-143 Design Drawing II
Advanced freehand drawing and sketching with the addition of color media. Prerequisite: KCDS-142

KCDM-317 Web Design I
Focuses on hand-coding HTML and applying HTML principles to create well designed Web pages. Prerequisite: KCDS-143 or KCFN-132

KCDM-294 2D Animation I
In a cross-disciplinary environment, students will mix traditional and digital imagery to create two-dimensional animated art related to their major area of study. The animation will be published for delivery via CD, DVD, Web, video, film or broadcast media. Prerequisite: KCDS-132 or KCDS-143

KCDM 318 Web Design II
Flash intermediate class including but not limited to: scrolling text and images; how to accept and modify user input; how to create text effects; how to build percentage pre-loaders; how to utilize video in Flash; how to achieve flash plug-in detection; and how to understand and utilize ActionScript. Formerly KCVC 318. Prerequisite: KCDM 317

GRAPHIC DESIGN (Kendall College of Art & Design Courses)

KCGD-112 Graphics Studio I

An introduction to the computer as a design tool using the industry standards in page layout and digital illustration software. File transport (PDF) and font management software will also be introduced.

KCGD-122 Graphics Studio II

Produces the basics of photography using the digital camera and how to use photo manipulation software as a “digital darkroom” for color correction and digital manipulation. Prerequisites: KCGD-112, KCDS-142

KCGD-214 Typography I

An introduction to the fundamental aspects of typography. History, structure, form and appropriate application of type will be emphasized. Prerequisites: KCDS-122, KCDS-143)

KCGD-222 Graphics Studio III

An advanced computer course focusing on combining the use of Adobe Illustrator and Photoshop to create graphic imagery primarily for aesthetic-oriented pieces such as posters or books, CD and DVD covers. Prerequisites: KCGD-122, KCDS-143

JOURNALISM

JRN-201 News Writing & Reporting I

3/1

Information gathering, development of news judgment, and writing of basic news stories will be studied, along with news style, structure, readability, news sources, and interviewing techniques.

JRN-213 Print/Web Media Graphics

3/2

Application of InDesign electronic-based pagination, basic elements of designing and producing print media on computer. Introduction to Photoshop software applications as well.

JRN-261 News Practicum

1/1

Students receive hands-on experience writing and publishing articles in student print and online publications.

JRN-313 Feature/Travel Writing

3/2

Exposure to writing feature and travel stories with possibilities of publication in campus and off-campus publications. The world of freelance writing for magazines and online publications is also explored.

JRN-318 Editing Books, Magazines, Newspapers Online

3/2

Course introduces student to basics of editing in book publishing arena, as well as how to create a book proposal. Also includes the study of the evaluation and processing of news. Emphases include editorial decision making, copy and picture editing, headline writing, and basic page layout and design, along with the use of graphs and charts for magazines, newspapers and online media.

JRN-323 Technical Writing

Students will learn about various ways of journalism students can apply their professional writing skills in internships and in careers at highly focuses niche publications in academia, agriculture, automotive industry, business/finance fields, government publications, health care sector, tech industry, legal profession, manufacturing, medical research and in retail fields as diverse as book selling, fashion, physical fitness and more. (*offered every spring*) Prerequisites: JRN-201 and JRN-261

JRN-325 Professional Media Practice

Students will learn about various disciplines of professional writing in this overview course, and will be able to focus in greater detail on two of the following areas: Public Affairs Reporting (government, legislature), Advanced Reporting (civic journalism, investigative reporting) and Sports Writing (professional sports coverage of area high school, college and semi-pro teams). (*offered every spring*) Prerequisites: JRN-201 and JRN-261

JRN-380 Internship

3/1

Supervised training on a community newspaper. Required for a major; must be taken for a total of 6 credit hours, usually as two separate internships. Prerequisites: JRN-201 and 2 semesters of JRN-261 or with permission of instructor.

JRN-400 Capstone Seminar: Journalism

3/2

An examination, from a Christian worldview, of the ethical and vocational issues associated with the study of human symbolic interaction. The interactions between philosophy, theory and practice will be analyzed. Prerequisite: senior status

JRN-401 Mass Media Ethics, History & Law

3/4

Study of media ethics, history and law, including libel, contempt, obscenity, privacy, free press, fair trial, and regulatory agencies. Emphases include the law of news gathering and dissemination, first amendment principles of press freedom, prior restraint, access to information, and electronic media content regulation. Prerequisite: junior or senior status, or with permission of the instructor.

JRN-490 Independent Study

3-9/1

Provides opportunity for qualified students to pursue a topic of individual interest. Prerequisite: junior or senior status, or with permission of instructor and division chair.

MEDIA

MDA-121 Introduction to Electronic Media

3/2

An overview of the skills, teamwork, and career options in this industry, offering “hands-on” experience with a television crew, radio announcing, interviews and producing and editing audio and video projects. An exploratory course, it gives students the opportunity to visit stations and meet media professionals, as well as learning skills for a wide variety of careers. Co-requisite: COM-112.

MDA-151 Music Fundamentals for Audio Production

3/2

This course is designed for the audio professional that has little or no musical background. This course will be an introduction to the fundamentals and analysis of both written music and the aural perception of music and notes. The goal of this class is familiarize the student with the basic knowledge of music, and how to follow a score in a studio setting. This is skill that will be fundamental in the process of completing the course work of the degree.

MDA-161	Audio/Video Technical Production	3/2
Coverage of the basics of being an A/V Technician. The course covers cabling and component interconnect as well as system design. This class will also teach the student how to provide the basic audio visual technical support needed in a typical environment.		
MDA-252	Film Industry Intensive Experience	3/2
Introduction to the world of film via an intensive one-week travel experience through the Los Angeles film industry. Students meet and interact with professionals who have made significant contributions to the art of film and who guide their careers from a biblical worldview. Prerequisite: instructor's permission		
MDA-254	Film History	3/2
An examination of film throughout its key movements: start-up from nickelodeons through silents, talkies through the studio system, film goes to war, film fights television, the new Hollywood and the digital arena. The course will interweave the impact – and at times lack thereof – of the institutional church when it interlaces with the film industry across these historical time periods.		
MDA-261	Audio Production I	3/2
An overview of basic audio engineering, covering topics pertaining to collection and arrangement of sound within the recorded environment and basic auditory skills as they apply to the recording engineer. Must achieve a grade of C- or greater to pass.		
MDA-262	Live Sound Production	4/2
Extension of theories and techniques used in MDA-261 and application to a live sound reinforcement context. Other topics include signal flow, speaker coverage, feedback control, equipment management, amplification wattage and basic troubleshooting. Students will complete a lab component mixing live sound for Cornerstone events. Prerequisite: MDA-261		
MDA-271	Film and Video Production I	3/2
An exploration of the elements of video production from a theoretical and practical perspective through the three phases of production. Students will gain an understanding of the fundamental process and technology of video production through the “hands-on” application of exercises and projects.		
MDA-272	Deconstructing Popular Music Production	3/2
Coverage of the basic production methodology of musical genres from the conception of rock and roll in the 1950s through to current musical trends. Particular attention will be given to the development of contemporary Christian music.		
MDA-281 *	Audio Production II	3/2
An extension of the skills and concepts introduced in Audio Production I, as students refine and learn to apply their knowledge of audio collection, arrangement, coloring, and sweetening in a variety of production types. Both group and individual productions and the opportunity for professional critiques by Cornerstone University Radio personnel will be given. Prerequisite: MDA-261 or MUS-171 for music majors.		
MDA-282	Film and Video Production II	3/2
An extension of Video Production I, as students apply the principles and skills of camera, lighting, sound, directing, producing, editing, etc. for a variety of production environments and purposes. Students will work on both group and individual productions to benefit the community and communicate with their publics. Prerequisite: MDA-271		
MDA-284 *	Film and Video Production III	3/2
An extension of Video Production II, this class is the capstone of the student's underclass work. Students work in the three major segments of the film making with the primary focus on storytelling in the creation of a short film (3-5 mins.). In pre-production, the scripting process is analyzed from the perspective of message clarity and level of influence. In production, the collection of sonic and visual information is analyzed from the perspective of supporting the story. In post-production the process of engaging the audience member in a unified impactful vision is paramount. Prerequisite: MDA-282, Must achieve a grade of C- or greater to pass.		
MDA-318	Writing for Electronic Media	3/2
A “hands-on” class where students learn the basics of broadcast writing in one semester – news writing, advertising, documentaries, and dramatic script writing. Students are able to explore where their interests and skills lie and grow in learning to express themselves in all these different forms of media writing. Prerequisites: MDA-271, ENG-212		
MDA-319	Mass Media Literacy	3/2
Focus on the integration of a critical media skills program into an elementary or secondary school curriculum. A study of the various methods for analyzing, evaluating, and controlling the impact of the mass media. Prerequisite: COM-112.		
MDA-321	Media Aesthetics	3/2
The study of meaning embedded in stories, symbols and visualizations of the media. Students in the course will read, analyze, deconstruct, research and critique media messages over a variety of media formats with a focus on motion pictures. The class includes a comparison of message creation in Christian and secular media. Particular attention will be given to the notion of influence and redemption in narratives. Prerequisite: Junior standing		
MDA-323	Pre-Production Theory and Praxis	3/2
The course covers an in-depth examination of the pre-production stage of a media project from development, through scriptwriting, revision to producing and preparation for principal photography. Various genres will be analyzed and created. This class is required for those wishing to specialize as writers, producers and directors in senior production classes. Prerequisite: MDA-284		
MDA-324	Production Theory and Praxis	3/2
The course covers an in-depth examination of the production stage of a media project from principal photography including advanced cinematography and location audio. Various genres of lighting will be analyzed and recreated. This class is required for those wishing to specialize as camera operators and directors of photography in senior production classes. Prerequisite: MDA-284		
MDA-325	Post-Production Theory and Praxis	3/2
The course covers an in-depth examination of the post-production stage of a media project including vision and audio editing and delivery systems. Various genres of editing will be analyzed and recreated. This class is required for those wishing to specialize as editors or sound designers in senior production classes. Prerequisite: MDA-284		

* must achieve grade of C- or better to pass.

MDA-337	Experimental Production	3/4
An advanced video/audio course that focuses on experimentation in the form and format of video production. Students will be required to use audio and visuals to create artistic expressions that transcend specific genres and categorizations. Prerequisite: MDA-284		
MDA-354	Announcing and Reporting	3/4
A multi-faceted class with individualized professional coaching for on-camera performances. This class trains the individual talent's voice and presence in tone, diction, breath support, articulation, and style and also gives experience to those desiring to be shooters, directors, and producers on how to coach and work with talent. Prerequisites: COM-112, MDA-121		
MDA-355	Media Business	3/2
A historical approach to understanding the innovations and people who birthed broadcasting in America, as well as a working knowledge of stations, networks, ratings, and FCC regulations. It will also examine the ethics involved in decision-making in many different aspects of careers in the media. Prerequisites: MDA-121, MDA-284		
MDA-356	Corporate Production	3/4
A production skills class with an emphasis on working together as a team to produce excellent quality productions that measure up to industry standards. This class has applications in the genre of corporate production as well as opportunities in students' area of interest and specialization. Prerequisite: MDA-284		
MDA-359	Multi-Camera Production	3/4
A production skills class with an emphasis on the expertise and teamwork demanded by multi-camera productions and how to produce excellent quality productions that measure up to industry standards. This class has applications in the genre of multi-camera production as well as opportunities in students' area of interest and specialization. Prerequisite: MDA-284		
MDA-361	Audio for Media Production	3/2
This course explores the role of audio outside of music and film production. Students will undertake production pods which will examine audio production in relationship to radio, theatre, streaming/podcasting and new media technologies such as video games, audio books and social media applications.		
MDA-363	Audio for Post-Production	3/4
Examination of the fundamentals of sound for motion pictures covering the evolution of sound technology through to advanced surround sound editing and foley construction. Prerequisite: MDA-281		
MDA-372	Music Video Production	3/4
A production skills class with an emphasis on working together as a team to produce excellent quality productions that measure up to industry standards. This class has applications in the genre of music video production as well as opportunities in students' area of interest and specialization. Musicians are encouraged to take this course to learn more about the production values involved in successful video communication of their art and to experience working with cameramen and directors on actual music videos. Prerequisite: MDA-284		
MDA-375	Deconstructing Cinema	3/2
Observation and analysis of the construction of movies within the three phases of production: pre-production (scripting and semiotics), production (capture) and post-production (assembling of meaning). Particular attention will be given to the formation of worldview messages through the juxtaposition of visual and audio content.		
MDA-379	Cornerstone University Production Company	1/1
Students will engage in real world projects for the university, non-profits or paying clients. Direct supervision will be given by a coordinator who can manage the production process, equipment needs, and quality control. Students may take the class up to a maximum of four times. Prerequisites: Invitation only, junior standing		
MDA-380	Internship	1 - 6/1
Practical work experience using audio, film or video skills in an appropriate setting relevant to the student's area of emphasis. Prerequisite: Junior Standing		
MDA-381	Mixing and Mastering	3/2
An advanced engineering course that will explore the artistic approach to audio engineering in the field of mixing, then instruct in advanced Pro Tools functions, and finally instruct in various mixing assignments designed to fine tune both the listening capabilities and engineering skills of the student. Prerequisites: MDA-281, MDA-272		
MDA-457	Documentary Production	3/4
A production skills class with an emphasis on working together as a team to produce excellent quality productions that measure up to industry standards. This class has applications in the genre of documentary production as well as opportunities in students' area of interest and specialization. Prerequisite: Senior standing, MDA 284		
MDA-458	Dramatic Production	3/4
A production skills class with an emphasis on working with scripts and actors to produce excellent quality productions that measure up to industry standards. This class has applications in the genre of dramatic production as well as opportunities in students' area of interest and specialization.		
MDA-484	Music Producing	3/2
Expansion of the principles of Music Producing to extend the student's knowledge and experience in music production. Prerequisite: MDA-382 Mixing and Mastering		
MDA-486	Capstone Audio Project	3/2
Complement to the recording project requirements of the CCM program. Students will complete tasks as a studio producer from song arrangement and selection through to mastering and packaging. Prerequisite: MDA-381 Mixing and Mastering		
MDA-490	Independent Study	3 - 6/1
An independent project-related course. Students work closely with a professor in the choosing of a topic, its design, and in the developing of a plan for its completion. Prerequisite: Approval of the division chair		

PHOTOGRAPHY

PHO-235 Principles of Visual Communication 3/2
Historical, physiological, perceptual and cognitive aspects of visual communication will be studied in this course. Critical analysis methods and ethical implications of electronic and print media images will be discussed. Students will engage in visual thinking. The course will include class discussion, analysis of visual communication and collection of visual communication examples in scrapbooks.

PHO-236 Intro to Digital Photography 3/1
A beginning course in still/digital photography. Instruction covers basic photographic concepts, camera handling and the aesthetics of photography.

PHO-238 Documentary Photography 3/2
An advanced course in still/digital photography, with emphasis on further development of photographic and editing skills. Instruction covers photo essays, sports event photography, advanced light and composition facets of photography. Prerequisite: PHO-236

PHO-261 Photography Practicum 1/1
Students receive hands-on photography experience from a studio and photojournalism perspective.

PHO-301 Color Photography 3/2
Acquisition of skills in the use of color photography software, Adobe Photoshop®, an advanced, in-depth program. Prerequisite: PHO-236

PHO-302 Photo Editing 3/2
Use and preparation of photographs for the print media; mastery of software for editing photographs. Prerequisite: JRN-236

PHO-303 Photography Studio Techniques 3/4
Use of a camera in a controlled environment, studio lighting for photographs used in advertising, newspapers, magazines, public relations and marketing brochures and campaigns. Prerequisite: PHO-236

PHO-404 Seminar in Photography 3/4
Field experience of the photograph as a means of communicating information, ideas and opinion in single photographs, photo pages and photo stories. Prerequisites: junior status; JRN-301 and JRN-302; or with permission of instructor.

PUBLIC RELATIONS

PUB-161 Introduction to Public Relations 3/2
A survey of public relations as a vital communication function between an organization and its publics. Content includes the nature and role of public relations, the history of public relations, the societal forces affecting the profession, its current practice and theories of public relations. Students learn specialized writing and techniques used in print and electronic media for disseminating information, including news releases, fact sheets, brochures, newsletters and press kits. Prerequisite or corequisite: COM-112

PUB-262 Advertising Principles 3/2
An introduction to the strategy and methods of advertising campaigns, including a study of how advertising works on individuals and society. This course provides “hands-on” practice in developing advertising campaigns in a variety of print and electronic media formats, with emphasis on message elements, the role of research in developing message strategies, the creative process, and clear, effective, and persuasive copywriting. Prerequisite: COM-112.

PUB-361 Advertising Practices 3/2
An extension of the principles learned in PUB-262 to give students a variety of experiential opportunities with the conceptual thinking, creative campaign planning, audience analysis, budgeting, writing commercials, pitching presentations and measurement methods involved in advertising. Through interplay with experts from various advertising agencies, students will learn first-hand what’s involved in an advertising career, as well as how to integrate a working knowledge of advertising into a variety of communications or business career options. Prerequisite: PUB-262

PUB-362 Public Relations Campaigns 3/4
An examination of the evolution of campaigns, the various forms of local and national ad campaigns, targeting the audience, and selecting media buys and budgeting. Students will analyze case studies, examine both successful and unsuccessful campaigns and crisis management, and work with external organizations to implement new campaigns and programs, work with the media and represent their organization well. Prerequisite: PUB-161

PUB-363 Media Relations 3/4
A “hands-on” course on working effectively with the media, developing media relationships, and representing businesses and ministries effectively as a media spokesperson. Students will be given a variety of opportunities in planning and practicing on-mic and on-camera interviews, as well as experience with live press conferences. Prerequisite: PUB-161

PUB-365 Writing for Public Relations 3/4
An advanced course building on the skills of strategic communication and decision making, applying them to the practice of writing public relations messages for multiple audiences. The student will learn about organizations, publics, the media, and how to prepare public relations messages for a variety of print and electronic media. Prerequisite: PUB-161.

HUMANITIES

DIVISION



Michael Pasquale, Ph.D.
Division Chair

The Humanities Division fulfills the university mission by advancing the foundational liberal arts disciplines integral to a Christian education. The Humanities faculty instructs and mentors students in the development of essential qualities to influence world cultures for Christ—qualities such as critical thinking, creativity, communication skills, cross-cultural competency, and a deep understanding of both the glory and depravity in modern culture.

The division has many courses in the Core Curriculum and offers degree programs in English, History, Philosophy, Linguistics and Foreign Languages. The focus of the division is not just on teaching content, but rather forming and mentoring wise Christians who will exercise a winsome, redemptive, and reflective influence in today's culture.

DEGREES

Bachelor of Arts (B.A.)

MAJORS

English Education (Secondary)
History
History Education (Secondary)
Humanities: Creative Writing
Humanities: Linguistics
Humanities: Literature
Humanities: Philosophy
Language Arts Group Major
Social Studies (Elementary/Secondary)
Spanish
Spanish (Elementary & Secondary)

MINORS

Creative Writing
English
History
History Education (Secondary)
Language Arts Group (Elementary)
Linguistics
Philosophy
Spanish
Spanish (Elementary & Secondary)
TESOL (Teaching English to Speakers of Other Languages)
TESOL (Elementary, Secondary, K-12)

FACULTY

Pasquale, Michael D., Professor of Linguistics (2000) (Chair); B.A. (1995), Cedarville College; M.A. (1998), Michigan State University; Ph.D. (2001) Michigan State University

Beach, Cynthia L., Assistant Professor of English (1990-1998; 2002); B.A. (1986) Grand Rapids Baptist College; M.A. (1989), Wheaton College Graduate School

Benson, Erik, Associate Professor of History (2005); B.A. (1993), Cedarville College; M.A. (1995) Central Michigan University; Ph.D. (2001), University of Georgia.

Bonzo, J. Matthew, Professor of Philosophy and Religion (1998); B.S. (1986) Liberty University; M.A. (1991), Trinity Evangelical Divinity School; Ph.D. (2007), Vrije Universiteit, Amsterdam

Looman, Tammy, Instructor of Writing, Director of Writing Center, Director of the Writing Across the Curriculum Program (2007); B.S. (1983), Ferris State University; M.A. (2006) Western Michigan University

Ostrander, Richard, Provost and Associate Professor of History (2009); B.A. (1990), University of Michigan; B.A. (1990), Moody Bible Institute; M.A. (1992), University of Notre Dame; Ph.D. (1996), University of Notre Dame

Spence, Martin, Assistant Professor of History (2011); B.A. (2002), M.A. (2003), D.Phil. (2008), University of Oxford

Stevens, Michael R., Professor of English (1997); B.A. (1990), Baptist Bible College; M.A. (1992) St. John's College; Ph.D. (1999), University of Dallas

Stevens, Jason, Assistant Professor of English (2011); B.A. (2005), Aquinas College; M.A. (2009), University of Dallas; Ph.D. Candidate, Institute of Philosophic Studies, University of Dallas

VanDyke, Michael T., Associate Professor of English (2004); B.A. (1990), Michigan State University; M.A. (1993) Michigan State University; Ph.D. (1999) Michigan State University

CRITERIA FOR GRADUATION AS A HUMANITIES DIVISION MAJOR

See the Academic Information section under Graduation Requirements.

Degree information for the Bachelor of Arts degree along with major and minor listings by division can be found in the catalog section entitled Degree Information.

MAJORS & MINORS

ENGLISH MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
ENG-223 Introduction to Literature	3
ENG-226 Introduction to Creative Writing	3
ENG-319 Advanced Grammar	3
ENG-353 Linguistic History of the English Language.....	3
ENG-334 American Renaissance in the 19 th Century.....	3
ENG-326 Contemporary Literature	3
ENG-344 British Literature to 1700.....	3
ENG-342 British Romantic & Victorian Literature	3
<i>One of the following:</i>	3
ENG-224 World and Literature	
EDU-323 Adolescent Literature	
ENG-328 Selected Authors or Eras	
ENG-324 Literary Modernisms: Anglo-American Writers	
Total	30

ENGLISH MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
ENG-223 Introduction to Literature	3
ENG-226 Introduction to Creative Writing	3
ENG-319 Advanced Grammar	3
<i>One of the following:</i>	3
EDU-323 Adolescent Literature	
ENG-224 World and Literature	
ENG-328 Selected Authors or Eras	
ENG-324 Literary Modernisms: Anglo-American Writers	
<i>One of the following:</i>	3
ENG-326 Contemporary Literature	
ENG-334 American Renaissance in the 19 th Century	
<i>One of the following:</i>	3
ENG-342 British Romantic & Victorian Literature	
ENG-344 British Literature to 1700	
Total	21

ENGLISH MINOR

Required Courses	Credit Hours
ENG-224 World and Literature	3
ENG-319 Advanced Grammar	3
<i>One Writing Course:</i>	3
ENG-226 Introduction to Creative Writing	
ENG-317 Creative Non-Fiction	
<i>One of the Following:</i>	3
ENG-324 Literary Modernisms: Anglo-American Writers	
ENG-326 Contemporary Literature	
ENG-334 American Renaissance in the 19 th Century	
<i>One British Literature Course:</i>	3
ENG-342 British Romantic & Victorian Literature	
ENG-344 British Literature to 1700	
<i>Upper Level Elective in English.</i>	3
Total	18

HISTORY MAJOR (Bachelor of Arts)

Required Courses	Credit Hours
HIS-113 World Civilization I	3
HIS-114 World Civilization II	3
HIS-221 United States History I	3
HIS-222 United States History II	3
HIS-380 Internship	3
HIS-451 Historiography I (SSC-451)	2
HIS-452 Capstone Seminar: Historiography II (SSC-452)	2
<i>Upper level courses (including two courses in European or non-Western History and one course in American history)</i>	12
Humanities Cross-Over Courses	
<i>Choose two of the following:</i>	6
ENG-324 Literary Modernisms	
ENG-334 American Renaissance in 19 th Century	
ENG-342 British Romantic/Victorian Literature	
ENG-344 British Literature to 1700	
ENG/HIS-361 Holocaust Literature	
PHI-215 Augustine and Aquinas	
PHI-413 Globalization/Localization	
Total	37

HISTORY MINOR

Required Courses	Credit Hours
HIS-113 World Civilization I	3
HIS-114 World Civilization II	3
HIS-221 United States History I	3
HIS-222 United States History II	3
<i>Upper level electives in History</i>	6
Total	18

HUMANITIES MAJOR *(This major does not require a minor)*

Required Courses

Credit Hours

HUM-382	Humanities Seminar (2 semesters)	6
HUM-481	Humanities Capstone	2
HUM-482	Thesis	2

Choose One Strand (21 total credits):

Creative Writing Strand

ENG-220	Advanced Writing Workshop	3
ENG-315	Poetry Writing	3
ENG-316	Fiction Writing	3
ENG-317	Creative Non-Fiction	3
ENG-326	Creative Writing	3
ENG-364	Writers and Styles	3
<i>Choose one of the following courses:</i>		3

- OSA-302 Oxford Tutorial in English
- JRN-201 News Writing & Reporting I
- JRN-313 Feature Writing
- JRN-321 Editorials, Column, Opinions
- HUM-421 Creative Endeavors

Linguistics Strand

ENG-319	Advanced Grammar	3
LIN-225	Introduction to Linguistics	3
LIN-353	Linguistic History of the English Language	3
LIN-371	Second Language Acquisition	3
LIN-372	Sociolinguistics	3
LIN-460	Selected Linguists	3
<i>Choose one of the following courses:</i>		3

- LIN-480 Advanced Topics in Linguistics
- OSA-303 Oxford Tutorial in Linguistics

Literature Strand

ENG-224	World and Literature	3
ENG-324	Literary Modernisms: Anglo-American Writers	3
ENG-326	Contemporary Literature	3
ENG-328	Selected Authors and Eras	3
ENG-334	American Renaissance in the 19 th Century	3
ENG-344	British Literature to 1700	3
ENG-342	British Romantic & Victorian Literature	3

Philosophy Strand

PHI-213	Plato and Aristotle	3
PHI-215	Augustine and Aquinas	3
PHI-353	Philosophical Ethics	3
PHI-311	Modern Political Philosophy	3
PHI-411	Selected Thinkers	3
PHI-413	Globalization and Localization	3
<i>Choose one of the following courses:</i>		3

- OSA-304 Oxford Tutorial in Philosophy
- PHI-480 Advanced Topics in Philosophy

(Note: Students may substitute an upper level course in their strand with an Oxford tutorial course taken in Oxford [OSA-302, 303, 304])

Choose three elective & Humanities "cross-over" courses..... 9

(Note: Any of the courses listed in another strand above can be considered for "cross-over" courses)

Foreign Language Courses..... 9-11

(Note: LIN-100 - Language in Culture (3 credits), plus one year of foreign language courses (6-8 credits), equalling 9-11 credits total.)

Total..... 49-51

CREATIVE WRITING MINOR

Required Courses

Credit Hours

ENG 226	Introduction to Creative Writing	3
ENG 316	Fiction Writing	3
ENG 317	Creative Non-Fiction	3
ENG 320	Advanced Writing Workshop	3
<i>Two of the following:</i>		6

- ENG 315 Poetry Writing.....3
- ENG 320 Advanced Writing Workshop (a different topic).....3
- ENG 364 Writers and Styles.....3
- HUM 421 Creative Endeavors.....3

Total..... 18

LANGUAGE ARTS GROUP MAJOR FOR ELEMENTARY TEACHERS

Required Courses		Credit Hours
COM-212	Interpersonal Communication.....	3
COM-315	Communications Theory.....	3
ENG-223	Introduction to Literature.....	3
ENG-226	Introduction to Creative Writing.....	3
EDU-321	Children's Literature.....	3
JRN-201	Newswriting and Reporting I.....	3
MDA-319	Mass Media Literacy.....	3
ENG-212	Writing in Culture.....	3
<i>Two of the following:</i>		6
COM-241	Introduction to Oral Interpretation	
COM-311	Intercultural Communication	
COM-321	Group Communication	
<i>One of the following:</i>		3
ENG-224	World and Literature	
ENG-322	Practice of Criticism	
ENG-324	Literacy Modernisms	
ENG-326	Contemporary Literature	
ENG-328	Selected Authors and Eras	
ENG-334	American Renaissance in the 19 th Century	
ENG-344	British Literature to 1700	
ENG-353	Linguistic History of English	
Total		33

SOCIAL STUDIES GROUP MAJOR FOR ELEMENTARY & SECONDARY TEACHERS *(Bachelor of Arts)*

Required Courses		Credit Hours
ECN-231	Macroeconomics.....	3
ECN-232	Microeconomics.....	3
HIS-113	World Civilization I.....	3
HIS-114	World Civilization II.....	3
HIS-211	Michigan History.....	3
HIS-221	United States History I.....	3
HIS-222	United States History II.....	3
SSC-161	World Geography.....	3
SSC-211	American Government.....	3
SSC-262	Geography of North America.....	3
SSC-312	World Affairs.....	3
SSC-451	Social Studies Research I (Prerequisite: 21 hours of Social Studies courses).....	2
SSC-452	Social Studies Research II.....	1
Total		36

SPANISH MAJOR *(Bachelor of Arts)*

Required Courses		Credit Hours
SPA-313	Advanced Spanish Grammar and Composition I.....	3
SPA-323	Advanced Spanish Grammar and Composition II.....	3
SPA-334	Selected Topics in Spanish Language and Culture.....	3
SPA-413	Introduction to Hispanic World Literature and Culture I.....	3
SPA-423	Introduction to Hispanic World Literature and Culture II.....	3
<i>Choose one of the following</i>		3
SPA-380	Internship.....	3
SPA-334	Selected Topics in Spanish Language and Culture (a different topic).....	3
Semester in Spain**.....		12
<i>Choose three of the following (4 credits each)</i>		
SIS-303	Selected Readings in Spanish Literature	
SIS-304	Spanish Short Story	
SIS-306	History of Spanish Art	
SIS-307	Modern Spanish Culture	
SIS-311	Spanish History and Civilization	
SIS-312	Spain of Three Cultures: Muslim, Jewish and Christian (8 th -15 th Centuries)	
SIS-351	Advanced Grammar and Composition	
SIS-355	Spanish Literature I	
SIS-356	Spanish Literature II	
SIS-399 & 499	Independent Studies	
SIS-401	Comunicación Avanzada	
SIS-402	Don Quijote de la Mancha	

SIS-403	La Generacion del 98
SIS-404	El Siglo de Oro
SIS-405	La Novela Espanola del Siglo de Oro: Novela Picaresca y Cervantes
SIS-406	Romanticismo
SIS-407	Teatro del Siglo XX
SIS-408	Historia de Espana en el Siglo XX

SPANISH MAJOR FOR ELEMENTARY & SECONDARY TEACHERS

Required Courses		Credit Hours
LIN-225	Introduction to Linguistics . . . . .	.3
LIN-371	Second Language Acquisition . . . . .	.3
SPA-313	Advanced Spanish Grammar & Composition I . . . . .	.3
SPA-323	Advanced Spanish Grammar & Composition II . . . . .	.3
SPA-334	Selected Topics in Spanish Language and Culture . . . . .	.3
SPA-413	Introduction to Hispanic World Literature and Culture I . . . . .	.3
SPA-423	Introduction to Hispanic World Literature and Culture II . . . . .	.3
SPA-465	Methods of Teaching a Foreign Language . . . . .	.3
Semester in Spain**		12
<i>Choose three of the following (4 credits each)</i>		
SIS-303	Selected Readings in Spanish Literature	
SIS-304	Spanish Short Story	
SIS-306	History of Spanish Art	
SIS-307	Modern Spanish Culture	
SIS-311	Spanish History and Civilization	
SIS-312	Spain of Three Cultures: Muslim, Jewish and Christian (8th - 15th Centuries)	
SIS-351	Advanced Grammar and Composition	
SIS-355	Spanish Literature I	
SIS-356	Spanish Literature II	
SIS-366	Spanish American Literature II	
SIS-399/499	Independent Studies	
SIS-401	Comunicación Avanzada	
SIS-402	Don Quijote de la Mancha	
SIS-403	La Generacio del 98	
SIS-404	El Siglo De Oro	
SIS-405	La Novela Espanola del Siglo do Oro: Novela Picaresca y Cervantes	
SIS-406	Romanitcismo	
SIS-407	Teatro del Siglo XX	
SIS-408	La Historia de Espana en el Siglo XX	
Total . . . . .		.36

** Permission for off-campus study required. See Global Studies Coordinator.

LANGUAGE ARTS GROUP MINOR FOR ELEMENTARY TEACHERS

Required Courses		Credit Hours
COM-212	Interpersonal Communication . . . . .	.3
COM-311	Intercultural Communication . . . . .	.3
ENG-223	Introduction to Literature . . . . .	.3
ENG-224	World and Literature . . . . .	.3
ENG-226	Introduction to Creative Writing . . . . .	.3
EDU-321	Children's Literature . . . . .	.3
MDA-319	Mass Media Literacy . . . . .	.3
Total . . . . .		.21

LINGUISTICS MINOR

Required Courses		Credit Hours
ENG-319	Advanced Grammar . . . . .	.3
LIN-225	Introduction to Linguistics . . . . .	.3
LIN-353	Linguistic History of the English Language . . . . .	.3
LIN-371	Second Language Acquisition . . . . .	.3
LIN-372	Sociolinguistics . . . . .	.3
LIN-460	Selected Linguists . . . . .	.3
Total . . . . .		.18

PHILOSOPHY MINOR

Required Courses		Credit Hours
PHI-213	Plato & Aristotle . . . . .	.3
PHI-215	Augustine & Aquinas . . . . .	.3
PHI-311	Modern Political Philosophy . . . . .	.3
PHI-353	Philosophical Ethics . . . . .	.3
PHI-411	Selected Thinkers . . . . .	.3
PHI-413	Globalization & Localization . . . . .	.3
Total		.18

SPANISH MINOR

Required Courses		Credit Hours
SPA-313	Advanced Spanish Grammar & Composition I . . . . .	.3
SPA-323	Advanced Spanish Grammar & Composition II . . . . .	.3
SPA-334	Selected Topics in Spanish Language and Culture . . . . .	.3
SPA-380	Internship . . . . .	.3
SPA-413	Introduction to Hispanic World Literature and Culture I . . . . .	.3
SPA-423	Introduction to Hispanic World Literature and Culture II . . . . .	.3
Total		.18

SPANISH MINOR FOR ELEMENTARY & SECONDARY TEACHERS

Required Courses		Credit Hours
LIN-225	Introduction to Linguistics . . . . .	.3
LIN-371	Second Language Acquisition . . . . .	.3
SPA-313	Advanced Spanish Grammar & Composition I . . . . .	.3
SPA-323	Advanced Spanish Grammar & Composition II . . . . .	.3
SPA-334	Selected Topics in Spanish Language and Culture . . . . .	.3
SPA-413	Introduction to Hispanic World Literature and Culture I . . . . .	.3
SPA-423	Introduction to Hispanic World Literature and Culture II . . . . .	.3
SPA-465	Methods of Teaching a Foreign Language . . . . .	.3
Total		.24

TESOL (TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES) MINOR

Required Courses		Credit Hours
ENG-319	Advanced Grammar . . . . .	.3
LIN-225	Introduction to Linguistics . . . . .	.3
LIN-371	Second Language Acquisition . . . . .	.3
LIN-372	Sociolinguistics . . . . .	.3
LIN-465	Methods of Teaching Foreign Language . . . . .	.3
LIN-489	TESOL Practicum . . . . .	.3
Total		.18

TESOL MINOR (ELEMENTARY, SECONDARY & K-12 ENDORSEMENT FOR TEACHERS)

Required Courses		Credit Hours
ENG-319	Advanced Grammar . . . . .	.3
LIN-225	Introduction to Linguistics . . . . .	.3
LIN-371	Second Language Acquisition . . . . .	.3
LIN-372	Sociolinguistics . . . . .	.3
LIN-465	Methods of Teaching Foreign Language . . . . .	.3
LIN-489	TESOL Practicum . . . . .	.6
Total		.21

COURSE DESCRIPTIONS

DEPARTMENT/LEVEL AND COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

ARABIC

- ARB-101 Introductory Arabic I 4/2**
An elementary-level Arabic course in which the four basic skills in language learning are taught: speaking, reading, writing, and listening.
- ARB-102 Introductory Arabic II 4/2**
An elementary-level Arabic course that builds on ARB 101. More sophisticated grammar concepts are presented in a communicative setting. Prerequisite: ARB-101 or equivalent
- ARB-201 Intermediate Arabic I 3/2**
An intermediate-level Arabic course that builds on material presented in ARB 102. The student will communicatively investigate the Arabic world with grammar integrated into the written and oral work. Prerequisite: ARB-101/-102 or equivalent
- ARB-202 Intermediate Arabic II 3/2**
An intermediate-level Arabic course that builds on ARB 201. The student will communicatively investigate topics of interest (university life, home life, social issues, etc.) relevant to life in the Arabic-speaking world. The primary emphasis will be on conversation and composition with grammar integrated into the communicative framework. Respective worldviews will be highlighted. Prerequisites: ARB-201 or equivalent

ENGLISH

- ENG-098 Personalized Writing Seminar 0/2**
This five-week seminar is an individualized course to expand writing skills. Course content depends on individual needs and may include sentence development, grammar, paragraph development, and essay writing. Students meet once a week with an instructor for direction and encouragement. Online coursework and additional lab work may be required. To complete this seminar, students must pass the junior writing exam. Passing the junior writing exam will fulfill the Jr. Writing Portfolio Requirement.
- ENG-099 Basic Writing 2/1**
An individually-paced course in basic techniques for effective written communication as preparation for ENG 113 College Composition. Lab required.
- ENG-114 College Composition 3/1**
The study and practice of the process approach to writing with attention paid to the rhetorical dynamic of the writer, text and reader. This course includes essays, a library orientation, a review of reading strategies and readings relevant to the study of written discourse. Grammar is studied as part of precise, effective written communication.
- ENG-212 Writing in Culture 3/1**
Using effective and ethical research practices to develop and write persuasive essays on topics related to contemporary culture and social justice. Particular attention will be paid to rhetorical sensitivity, stylistic accuracy, and thoughtful worldview engagement. Prerequisites: English competency
- ENG-223 Introduction to Literature 3/1**
The study and application of various methods of literary interpretation and evaluation to develop critical and analytical skills in the various genres of imaginative literature. Prerequisite: ENG-212. *(ENG-223 is prerequisite to all of the following English literature courses.)*
- ENG-224 World and Literature 3/1**
This class will investigate the nature of literature as it both conveys and shapes our perceptions of the world. We will also investigate the various "worlds," i.e. the internal and external, the subjective and objective realities writers attempt to embody.
- ENG-226 Introduction to Creative Writing 3/1**
Introduction to the basic forms and techniques of writing poetry, fiction, and drama. Prerequisites: ENG-212
- ENG-315 Poetry Writing 3/3**
An advanced workshop in poetry writing, with the intent of producing publishable work. Prerequisite: ENG-226
- ENG-316 Fiction Writing 3/3**
A workshop in the writing of short stories and novel fragments, with the intent of producing publishable work. Prerequisite: ENG-226
- ENG-317 Creative Non-Fiction 3/3**
Practice in the writing of prose that explores the boundaries between fiction, journalism, and personal essay. Prerequisite: ENG-226
- ENG-319 Advanced Grammar 3/2**
This course will explore the descriptive and prescriptive grammar of English, which will be analyzed according to traditional, structural, and transformational methods. Prerequisites: ENG-212
- ENG-320 Advanced Writing Workshop 3/2**
An advanced writing workshop that will cover the forms and techniques of creative writing.

ENG-322	The Practice of Criticism	3/4
A course in the writing of general arts and cultural criticism. One goal of the course will be to place students' writing in local or regional periodicals that publish reviews of the arts. Prerequisites: ENG-212 & ENG-223		
ENG-324	Literary Modernisms: Anglo-American Writers	3/2
An in-depth look at the emerging voices between (and just before and just after) the two World Wars, with special attention paid to the philosophical and spiritual crises of the era. Prerequisites: ENG-212 & ENG-223		
ENG-326	Contemporary Literature	3/4
A survey of Anglo-American (and some broader world) authors whose works are recent or current, and who are in discourse with contemporary themes, especially relating to post-modernism. Attention will also be given to the various strands of literary theory that have helped to shape the contemporary context. Prerequisites: ENG-212 & ENG-223		
ENG-328	Selected Authors and Eras	3/2
This rotating course will provide an opportunity for students to study deeply the works of a single important author (such as Austen or Faulkner) or a school or authors who helped define an era (such as Romanticism or Restoration Satire). The course can be repeated for credit. Prerequisites: ENG-212 & ENG-223		
ENG-334	American Renaissance in the Nineteenth Century	3/3
A survey of the 'coming of age' of the American literary voice, beginning with the Concord movement of Emerson, Thoreau, Hawthorne and Melville, and following through with such disparate pre and post war voices as Dickinson, Whitman and Twain. Prerequisites: ENG-212 & ENG-223		
ENG-342	British Romantic and Victorian Literature	3/3
A survey of major Romantic and Victorian writers from historical, ideological and aesthetic viewpoints. Prerequisites: ENG-212 & ENG-223		
ENG-344	British Literature to 1700	3/3
A survey of important formative works, both in terms of language and of imaginative vision, from Beowulf up to The Fairie Queen. Prerequisites: ENG-212 & ENG-223		
ENG-347	Religious Authors	3/6
Will focus on a variety of religious authors from both British and American perspectives. Students may expect semesters on C.S. Lewis, J.R.R. Tolkien, John Milton, John Donne and other contemporary authors, or a combination of several authors, giving a perspective of the development of religious writing. Prerequisites: ENG-212 & ENG-223		
ENG-353/LIN-353	Linguistic History of the English Language	3/2
The development of the English language from its Indo-European roots to the present, paying attention to the historical contexts and linguistic features of the language. Prerequisites: ENG-212 & ENG-223		
ENG-361/HIS-361	Holocaust Literature	3/6
This course will examine the Holocaust as an historical event and examine the literature that it has produced and continues to produce. Prerequisites: ENG-212 & ENG-223 or permission of the instructor.		
ENG-364	Writers and Styles	3/4
A reading course for writers, focused on analyzing the styles and techniques of well-regarded writers in various genres. Prerequisite: ENG-212 & ENG-223		
ENG-380	Internship	1-6/1
Academic credit and evaluation for practical work learning experience in the field of English developed in cooperation with an internship coordinator and a sponsoring organization. Prerequisites: junior status, a GPA of 2.00 or higher and nine completed credit hours in the major or minor where the internship is required.		
ENG-463/COM-463	Secondary English Methods	3/2
Focuses on the content-specific pedagogy for teaching the language arts curriculum in public or private secondary schools. Prerequisite: Admission to and good standing in the Teacher Education program, ENG-212 & ENG-223.		
ENG-470	Directed Readings	1-3/1
Guided readings and reports in areas of interests and need. The student may complete an in-depth study of specific areas that include literature and creative writing. Prerequisites: ENG-212 & ENG-223 and approval of the division chair.		
ENG-480	Advanced Topics	3/6
Seminars, groups or independent studies and research on topics in English, creative writing, or literature. Prerequisites: ENG-212 & ENG-223.		
ENG-490	Independent Study	1-3/1
With faculty supervision, the student researches and/or writes on a specific area of interest in English, literature, or creative writing. Prerequisites: ENG-212 & ENG-224 plus nine hours on the 300/400 level, permission of the instructor, and approval of the division chair.		
FRENCH		
FRN-101	Elementary French I	4/2
A proficiency-oriented elementary level French course in which the four basic skills in language learning are taught: speaking, reading, writing and listening.		

FRN-102 Elementary French II 4/2

A proficiency-oriented elementary level French course that builds on FRN-101. More sophisticated grammar concepts are presented in a communicative setting. Prerequisite: FRN-101 or equivalent

FRN-201 Intermediate French I 3/2

An intermediate-level French course that builds on the material in FRN-102. The student will communicatively investigate the French world with grammar integrated into the written and oral work. Great emphasis will be put on comparing the French worldview and the Christian perspective. Prerequisite: FRN-101/-102 or equivalent.

FRN-202 Intermediate French II 3/2

An intermediate-level French course that builds on the material presented in FRN-201. The student will communicatively investigate topics of interest (university life, home life, social issues, etc.) relevant to contemporary French life. The primary emphasis will be on conversation and composition with grammar integrated into the communicative framework. Respective worldviews will be highlighted. Prerequisite: FRN-201 or equivalent.

GERMAN

GER-101 Introductory German I 4/2

An elementary-level German course in which four basic skills in language learning are taught: speaking, reading, writing and listening.

GER-102 Introductory German II 4/2

An elementary-level German course that builds on GER-101. More sophisticated grammar concepts are presented in a communicative setting.

GER-201 Intermediate German I

An intermediate German course that reviews previous materials and builds them into stronger and more solid communication in the language and culture. Focus will be placed on the German culture and language through our Biblical worldview and communicating through spoken and written language as well as strengthening listening and reading of authentic materials. Prerequisite: GER 102 or equivalent.

GER-202 Intermediate German II

An intermediate German course that integrates previous learning into a stronger and more solid communication in the language and culture. Focus will be placed on social issues in German history, culture and language through our Biblical worldview and communicating through spoken and written language as well as strengthening listening and reading of authentic materials. Prerequisite: GER 201 or equivalent.

HISTORY

HIS-101 World Civilization I Lab 1

This course is designed to supplement courses in Western Civilization taken at institutions other than Cornerstone University in order to meet some of our requirements for World Civilization I. The primary focus will be on non-Western civilizations, from the earliest river valley civilizations of ancient Mesopotamia, Egypt, China and India to the beginning of what is called in the West Early Modern History. There is some artificiality in dividing up the world into Western and non-Western, as there has been great cross-fertilization of civilizations even from ancient times, so references to "Western" cultures will regularly be found in readings and in assignments, particularly dealing with comparative questions. One key element in this course, as in other courses in history at Cornerstone, is the integration of faith issues in learning.

HIS-113 World Civilization I 3/1

A broad survey of the political, social, economic, religious, and cultural developments of ancient, medieval, and early modern Europe with emphasis placed on the contributions of Western civilization but including study of African, Far Eastern, and Middle Eastern societies. The course begins with Egypt and Mesopotamia and concludes with the 1500s.

HIS-114 World Civilization II 3/2

A study of major Western and non-Western nation-states from 1500 to the present including ideological developments such as the Enlightenment and Romanticism. Interwoven throughout are themes of industrialism, imperialism, revolutions, communism and the Cold War.

HIS-115 American Studies 3/2

A study of American culture using a thematic approach including such topics as Puritanism, colonization, the native American experience, Constitutional development, the Enlightenment, immigration, the Black experience, industrialism, religious trends, technology, reform movements, the role of women, the impact of war on American life, economic development and contemporary issues.

HIS-211 Michigan History 3/3

A study of Michigan beginning with the territorial period to the present that emphasizes the economic, political, constitutional, social, and religious developments.

HIS-221 United States History I 3/2

The political, social, religious, diplomatic and economic history from Colonial times through the Civil War. Topics include colonization, the American Revolution, Constitution-making, the early national period, the Jacksonian era, the Age of Expansion, slavery, sectionalism, and Civil War.

- HIS-222 United States History II 3/2**
A survey of American history from 1865 to the present. The course combines a topical with a chronological approach. Reconstruction, the Gilded Age, Industrialism, Populism, and Progression are followed by a study of the domestic and diplomatic events of Twentieth-Century presidential administrations.
- HIS-321 American Colonial History (1607-1787) 3/4**
Establishment and development of political, religious, economic, and Constitutional traditions that made up the American character. Major emphasis is given to British policies that resulted in revolutions and independence. Prerequisite: HIS-221.
- HIS-324 Twentieth Century American History 3/4**
A political, diplomatic, social and constitutional study of the United States that emphasizes such developments as Progressivism, World War I, the social tensions of the twenties, the Great Depression, the New Deal, World War II, the Cold War, the Space Age, and the high tech revolution. Prerequisite: HIS-222.
- HIS-327 History of American Foreign Relations 3/4**
This course covers the key events, developments, trends, issues and figures in the history of American Foreign Relations. It will address the political, international, economic, social, and cultural facets of this history. It will examine both governmental and non-governmental activities and interests. The class format will include both lecture and discussion; students are to be ready to discuss the relevant topics in a thoughtful and considerate manner.
- HIS-332 The Classical World: Greece and Rome 3/4**
A history of Greece including such topics as the emergence of the city state, the Periclean age of Athens and the age of Alexander followed by a study of Rome beginning with the Etruscans antecedents, the rise of Rome, the republic and the empire through the decay and decline of Rome. Prerequisite: HIS-113.
- HIS-338 Second Temple Judaism & the Dead Sea Scrolls 3/4**
An examination of the historical and religious significance of Khirbet Qumran and the literary materials recovered near the Dead Sea, including Qumran, Murabba'at, Nahal Hever, and others. The study will be situated in the religio-historical setting of the Levant from 586 BCE - 70 CE. Attention will be given to a range of issues arising from the materials, such as paleography, textual criticism, of Jewish biblical and non-biblical writings, changing political landscapes, and religious developments in Judaism vis-à-vis Hellenism and Zoroastrianism.
- HIS-341 Medieval History 3/4**
A study of European society from the fall of Rome through the fourteenth century. The central role of the Church, the development of feudalism, the interplay of peoples, the crusades, the Black Death, and the rise of universities are among the topics addressed. Prerequisite: HIS-113.
- HIS-342 Renaissance and Reformation**
A study of European culture and religion from c. 1350-c. 1600. Topics examined include humanism, civic renewal, artistic expression in Italy and Northern Europe, the development of the four branches of Protestantism, and the Catholic Reformation.
- HIS-343 Early Modern Europe**
A survey of European political, social and cultural history from 1500-1789. Topics include the growth of centralized states, absolutism and limited monarchy, the scientific revolution, the Enlightenment, and movements of religious renewal and revival.
- HIS-345 Europe Since 1789**
A survey of modern Europe since the French Revolution to the present. The rise of nationalism, extension of liberalism, socialism, imperialism, totalitarianism, the World Wars, the Cold War, and social and cultural developments will be examined.
- HIS-346 Britain Since 1688**
A study of the British Isles from 1688 to the present. Topics examined include national identity, industrialization, the rise of Parliamentary democracy, political ideologies and parties, the Labour movement, the Irish question, foreign policy, social reform, and key themes in religion and culture.
- HIS-361 Holocaust Literature (ENG 361) 3/5**
This course will examine the Holocaust as an historical event and examine the literature that it has produced and continues to produce. Prerequisite: HIS-114.
- HIS-362 Latin American History 3/4**
This course covers the key events, developments, trends, issues and figures of Latin American History. It will address the political, international, economic, social, and cultural facets of this history. The class format will include both lecture and discussion; students are to be ready to discuss the relevant topics in a thoughtful and considerate manner.
- HIS-380 Internship 1-6/1**
Individualized opportunities with historical societies, museums, libraries, investigative journalism, and others.
- HIS-432 History & Religions of the Ancient Near East (REL-412)**
Examines the geo-political framework of the Near East from 3,500-323 B.C., including Semitic peoples such as the Babylonians, Assyrians, Arameans and Hebrews as well as the Semite's neighbors, such as the Egyptians, Hittites and Persians. Special attention is given to their religions and to major cultural developments. Introductory matters for historical and religious inquiry into the materials of the time and region are also covered. Prerequisite: Junior standing or professor's permission.
- HIS-451 Historiography I (SSC-451) 2/2**
The first of two sequential capstone courses which address the making of history. This will examine philosophy of history, select historians and schools of interpretation, a Christian worldview of history, and pertinent professional issues. It will focus on the development of professional research methods, skills and practices. It will entail initial topic development and primary and secondary research for a major original research project. Prerequisite: 21 hours of history

HIS-452 Capstone Seminar: Historiography II (SSC-452) 2/2
The second of two sequential capstone courses which address the making of history. This will build upon the first course, employing knowledge, skills and preliminary work from that experience to complete a major research project based upon intensive primary and secondary research. This will culminate with the proper writing and presentation of such research. Prerequisite: HIS/SSC 451.

NOTE: HIS-451 and HIS-452 must be taken in sequence during consecutive semesters.

HIS-461 Early Church History 3/4
This course will investigate the foundations of the Church beginning with Greco-Roman and Judaic backgrounds through the 7th Ecumenical Council. Particular attention will be given to the theological developments, heresies and schisms and the most significant personages in this period. Persecution and the rise of the monasticism will also be studied in detail.

HIS-470 Readings in History 1 3/1
With faculty supervision, students read in a specific period or area that complements their major concentration. Prerequisite: Approval of the division chair is required.

HIS-480 Advanced Topics 3/6
Course possibilities include Great American Presidents, Presidential Assassinations, Russian History, America's Wars, British history, Civil War and Reconstruction, the Holocaust, and others.

HIS-482 Thesis 2/6
Completion, submission and defense of a research project on a topic related to the Ancient Near East. Prerequisite: HIS-451 and -481

HIS-490 Independent Studies 1-3/1
With faculty supervision, the student researches and/or writes on a specific period or area of his or her interest. Prerequisite: Approval of the division chair. Prerequisite: MAT-132.

HUMANITIES

HUM-311 Imagination in Culture 3/1
This course is an examination of the forms and structures of various literary, visual, and musical texts. Students will develop a charitable hermeneutic enabling them to discover and understand the worldviews embodied in various cultural artifacts and leading them to responsible cultural and civic engagement. Prerequisites: REL-103, PHI-211

HUM-382 Humanities Seminar 3/2
A seminar that is centered on themes that cross disciplinary boundaries in the Humanities. May be taken for up to 12 credits.

HUM-421 Creative Endeavors 3/4
Maximize the creative impulse. Engage soul-level tools that keep creativity fresh: journaling, filling the "well," and other exercises in Julia Cameron's *The Artist's Way*. Creative Endeavors frees, equips, and develops creativity regardless from which field the creativity arises. Prerequisite: ENG-212 & ENG-223 or permission from instructor

HUM-481 Humanities Capstone
A culminating integration of theory and practice with a two-fold aim: First, we will discuss the nuanced relationship of language and ideas from the various perspectives represented within the Humanities strands, using representative texts from each. Second, we will weave in the notion of Vocation in both a general sense (through a common reading), and in the specific sense of discussions about graduate school and career preparation. Prerequisite: Senior Status

HUM-482 Thesis 2/1
A final, individual project that provides an in-depth exploration of a topic related to course strand. Students work closely with a thesis advisor and are required to submit a comprehensive written thesis as well as make an oral presentation of the research results in front of an academic panel. Prerequisite: Senior Status

LATIN

LAT-101 Elementary Latin I 4/2
An introduction to Latin grammar of classical times and Roman History as the cultural context of the Latin language. The class will teach morphology, syntax, and vocabulary, so that students will be able to translate prose literature.

LAT-102 Elementary Latin II 4/2
This class is a continuation of Latin 101 with more work on grammar and vocabulary and Roman history. Students will be able to translate longer prose passages and basic poetry. Readings from selected passages of classical authors will begin. Prerequisite: LAT-101 or equivalent

LAT-201 Intermediate Latin I 3/2
The course studies passages from selected authors, such as Cicero, Livy, and Ovid. It reviews grammar and gives students the opportunity to focus on translation skills. Students will become familiar with the diversity of writing styles, philosophical interests, rhetorical techniques, and literary excellence of Classical Latin. Prerequisite: LAT-102 or equivalent

LAT-202 Intermediate Latin II 3/2
Readings from classical authors continue, now focused on Virgil, Quintilian, and Seneca. These studies will advance the students' appreciation of classical Latin. Selected readings from Augustine's Confessions will be offered as well. Prerequisite: LAT-201 or equivalent

LINGUISTICS

LIN-100 Language in Culture 3/1
This course gives strategies for students to develop the ability to communicate in a second language at a beginning level. Emphasis is on oral proficiency and listening skills. Students will also examine a Christian theology of language learning based on linguistic hospitality.

LIN-225 Introduction to Linguistics 3/2
Provides an understanding of the nature and structure of human language and introduces students to the goals, techniques, and subject matter of modern linguistics. Presents the properties of human language, and the scientific methods for analyzing it. Topics include basic aspects of the structure of language, language change, dialects and language variation, language acquisition, language and the brain. This course will look at the data from English and a variety of languages. Prerequisite: ENG-212

LIN-353/ENG-353 Linguistic History of the English Language 3/2
The development of the English language from its Indo-European roots to the present, paying attention to the historical contexts and linguistic features of the language. Prerequisites: ENG-212 & ENG-223

LIN-371 Second Language Acquisition 3/4
The objective of this course will be to examine the process of learning a second language. This course will survey current SLA theory and learning models. Linguistic, cognitive, affective, cultural, and social factors influencing the acquisition of another language will be explored. Prerequisite: LIN-225

LIN-372 Sociolinguistics 3/4
The objective of this course will be to look at language in its social and cultural contexts. This course presents the basic sociocultural variables (such as gender, age, and social status) and shows their relation to language use and language learning. Areas covered in this course will include bilingualism, dialectology, language variation and style with their relation to multi-cultural educational situations. Prerequisites: LIN-225

LIN-380 Internship 1-6/1
Academic credit and evaluation for practical work-learning experience in the field of linguistics developed in cooperation with an internship coordinator and a sponsoring organization. Prerequisites: junior status, a GPA of 2.00 or higher and nine completed credit hours in the major or minor where the internship is required.

LIN/SPA/EDU-465 Methods of Teaching a Foreign Language 3/2
This course will look at methods and techniques used to teach language components (grammar, vocabulary, pronunciation) and language skills (reading, writing, listening and speaking). Practice in developing and implementing balanced and effective language lesson plans will be provided along with evaluating and selecting appropriate ESL and/or Spanish teaching materials. Special focus on the use of technology will be discussed.

LIN-460 Selected Linguists 3/4
An in-depth analysis of one or more important linguists. The course can be repeated for credit.

LIN-470 Directed Readings 1-3/1
Guided readings and reports in areas of interest and need. The student may complete an in-depth study of specific areas of linguistics. Prerequisites: LIN-225 and approval of the Division Chair.

LIN-480 Advanced Topics 3/6
Seminars, groups, or independent studies and research on topics in linguistics. Prerequisites: LIN-225

LIN/EDU-489 TESOL Practicum 3-6/1
Students will teach in an ESL classroom under the direct supervision of an experienced TESOL teacher, and be given progressively more teaching responsibilities. They will implement lesson plans which they have developed, effectively use audio-visual materials and other teaching resources, use a variety of teaching methods, and evaluate their students by testing. Prerequisite: All other TESOL courses.

LIN-490 Independent Study 1-3/1
With faculty supervision, the student researches and/or writes on a specific area of interest in linguistics. Prerequisites: LIN-225, plus nine hours on the 300/400 level, permission of instructor, and approval of the Division Chair.

OXFORD

OSA-302 Oxford Tutorial in English 3/6
This tutorial consists of an initial planning session with an Oxford tutor followed by a minimum of four hours of tutorials with essays on English literature or writing.

OSA-303 Oxford Tutorial in Linguistics 3/6
This tutorial consists of an initial planning session with an Oxford tutor followed by a minimum of four hours of tutorials with essays on Linguistic topics.

OSA-304 Oxford Tutorial in Philosophy 3/6
This tutorial consists of an initial planning session with an Oxford tutor followed by a minimum of four hours of tutorials with essays on Philosophical topics.

OSA-305 Oxford Tutorial in History 3/1
This tutorial consists of an initial planning session with an Oxford tutor followed by a minimum of four hours of tutorials on Historical topics.

SSC-464 Secondary Social Studies Methods 3/1
The focus of this course is the teaching of social studies in the public or Christian secondary school. Students will explore the various philosophies regarding the purpose and teaching of social studies, the planning of social studies units, the teaching and evaluation strategies appropriate to and exclusive of secondary social studies, and finally the issues surrounding the social studies discipline, including but not exclusively gender, race, and exceptionality.

SPANISH

(Please note that SIS courses are offered in Seville, Spain during the "Semester in Spain" program. SPA courses are offered at the Cornerstone University campus)

SIS-303 Selected Readings in Spanish Literature 4
This course provides the study and perfection of the language through a selection of readings by Spanish writers of the 19th and 20th Centuries.

SIS-304 Spanish Short Story 4
This course is an in-depth study of the Spanish language through a selection of writings by some of the most significant contemporary Spanish storytellers – Unamuno, Clarín, Aldecoa, and others.

SIS-306 History of Spanish Art 4
This course teaches the student to identify by style, period, and artist major works of Spanish art from its early history to the present. It also gives them a solid grounding in the backgrounds of the artists and the periods themselves.

SIS-307 Modern Spanish Culture 4
This course is meant to give the student a general but thorough idea of modern-day Spain: society, mentality and customs, political organization, and relations with the rest of the world. This will be achieved in two different ways. First, there will be classes explaining the different aspects of Spanish society. Students will also be required to follow news, debates, and issues that may arise during their time in Spain and discuss these events as they are presented.

SIS-312 Spain of Three Cultures: Muslim, Jewish and Christian (8th - 15th Centuries) 4
A study of the Three Cultures in medieval Spain: cultural and artistic contribution of Muslims, Christians and Jews; their peaceful coexistence and tensions. The city of Seville is fundamental, since this was the most prosperous city in medieval XV-century Spain and important artistic examples of the Three Cultures are found here.

SIS-351 Advanced Grammar and Composition 4
This course is designed for students with a solid base of the Spanish language and covers vocabulary and idiomatic expressions of special difficulty for the foreign student, the more complex Spanish grammar, and composition techniques.

SIS-355 Spanish Literature I 4
This course is an introductory study of Spanish literature covering the principal literary movements and their authors from the 11th through the 17th Centuries. It is a very practical course, in which students work with a carefully selected series of texts in order to familiarize themselves with the differing styles covered over that time period.

SIS-356 Spanish Literature II 4
This course is an introduction to Spanish literature covering the most important literary movements and authors from the 19th Century to the present.

SIS-366 Spanish American Literature II 4
This study of Spanish American Literature reviews the most significant passages of key works from independence to the present.

SIS-399/499 Independent Studies 4
Independent studies are available only for Advanced students. Topics must be selected in consultation with the Academic Director and approved by him. Students undertaking an Independent Study must have a very good knowledge of the Spanish Language.

SIS-401 Comunicación Avanzada 4
This course is designed for students with a good command of the Spanish language who want to perfect their knowledge increasing and enriching vocabulary, verb forms and complexity of structures. Students will learn to speak, write, and think rather fluently in Spanish.

SIS-402 Don Quijote de la Mancha 4
This course studies the life, personality, and literary significance of the foremost exemplar of Spanish literature of all times: Cervantes. It analyzes the most significant chapters of the greatest work of Spanish literature: Don Quijote de la Mancha.

SIS-403 La Generacion del 98 4
This course is a literary and historical study of the Generación del 98 as well as an analysis of the most representative works of the most outstanding authors of that period.

SIS-404 El Siglo de Oro 4
This course covers three works that are not only typical of their era, but also, stand as classics of Spanish literature. They also provide valuable information about, and insights into, Spanish society and culture during the Golden Age.

SIS-405 La Novela Espanola del Siglo de Oro: Novela Picaresca y Cervantes 4
This course studies the Spanish novel during the Golden Age (XVI-XVII centuries). It offers an in depth study of the first novel, Lazarillo de Tormes, and the genre it inaugurated (Novela Picaresca) as well as a study of the short Spanish novels for which Cervantes provided the main characteristics.

SIS-406	Romanticismo	4
This course deals with the general characteristics of the literature and an assessment of the period through the reading and exhaustive analysis of the most representative works by the greatest exponents of Spanish Romanticism.		
SIS-407	Teatro del Siglo XX	4
This course is a literary study of the most important twentieth century Spanish theatrical works, their authors, and major characteristics. It is also a study of the political and social scenario of this century as well as an analysis of the most representative collective mentality of the era.		
SIS-408	Historia de Espana en el Siglo XX	4
Starts with a brief introduction of XIX century history and continues with a study of the history and sociology of the present democratic Spain. The recent history of the country is analyzed: the most important political events (Republic, Civil War, Franco's dictatorship and democracy); the social and economic structures during the century and the development of the Spanish way of life and way of thinking.		
SPA-101	Elementary Spanish	4/2
An elementary-level Spanish course in which the four basic skills in language are taught: reading, writing, listening, and speaking.		
SPA-102	Elementary Spanish II	4/2
An elementary-level Spanish course that builds on SPA 101. More sophisticated grammar concepts are presented in a communicative setting. Prerequisite: SPA-101 or equivalent.		
SPA-201	Intermediate Spanish I	3/2
An intermediate Spanish course that builds on the material presented in SPA 201. The student will communicatively investigate the Spanish world with grammar integrated into the written and oral work. Great emphasis will be put on comparing the Latin American/Spanish worldview and the Christian perspective. Prerequisite: SPA-101/-102 or equivalent		
SPA-202	Intermediate Spanish II	3/2
An intermediate-level Spanish course that builds on SPA 201. The student will communicatively investigate topics of interest (university life, home life, social issues, etc.) relevant to the contemporary Latin American and Spanish life. The primary emphasis will be on the conversation and composition with grammar integrated into the communicative framework. Respective worldviews will be highlighted. Prerequisite: SPA-201 or equivalent		
SPA-231	Business Spanish	3/6
An advanced course in Spanish dealing with Business vocabulary, writing business letters, international communication, etc. Prerequisite: SPA-202		
SPA-313	Advanced Spanish Grammar & Composition I	3/2
A conversation-based course emphasizing advanced vocabulary, idiomatic expressions and communicative language usage. Communicative real-world topic areas will be developed. Prerequisite: SPA-202		
SPA-323	Advanced Spanish Grammar & Composition II	3/2
Course stressing techniques of effective writing in Spanish. Key advanced grammar structures will be emphasized. Prerequisite: SPA-313 or equivalent		
SPA-334	Selected Topics in Spanish Language and Culture	3/2
Spanish-English English-Spanish translation course that provides practical and theoretical translation experience highlighting grammatical, lexical and semantic issues involved in the translation process.		
SPA-380	Spanish Internship	1-6/1
Academic credit and evaluation for practical work learning experience developed in cooperation with Spanish majors and minors, the internship coordinator and a sponsoring organization. Prerequisite: junior status, a 2.00 GPA and nine completed hours in the major or minor.		
SPA-413	Introduction to Hispanic World Literature and Culture I	3/2
Survey course studying the major works of Spanish and Latin American Literature. Hispanic worldview will be contrasted with Christian worldview. Prerequisite: SPA-313		
SPA-423	Introduction to Hispanic World Literature and Culture II	3/2
Comprehensive study of Peninsula culture and society and the role of culture in the formation of Spanish national character and attitudes. Prerequisite: SPA-313		
SPA/LIN/EDU-465	Methods of Teaching a Foreign Language	3/2
This course will look at methods and techniques used to teach language components (grammar, vocabulary, pronunciation) and language skills (reading, writing, listening and speaking). Practice in developing and implementing balanced and effective language lesson plans will be provided along with evaluating and selecting appropriate ESL and/or Spanish teaching materials. Special focus on the use of technology will be discussed.		
SPA-470	Directed Readings	1-3/1
Guided faculty supervision in student areas of interest (Literature or language). Prerequisites: SPA-323, Approval of the Division Chair.		
SPA-490	Independent Study	1-3/1
With faculty supervision, the student researches and/or writes on a specific area of interest. Prerequisite: SPA-313 and SPA-323, permission of the instructor and institutional requirements.		

INTERDISCIPLINARY STUDIES

DIVISION



Martin Hughes
Division Chair

The Interdisciplinary Studies (IDS) division exists to serve programs and courses that are interdisciplinary in their nature. It offers B.A. and B.S. degrees in General Studies and Interdisciplinary Studies, and a minor in Social Justice. It also houses the foundational course in Creativity, Innovation, and Problem-Solving, the year-long orientation course for first-year students - Terra Firma - and the interdisciplinary Honors Seminar course that serves as the centerpiece of the Cornerstone Honors Program.

The following faculty and staff are current members of the advisory council for the Interdisciplinary Studies division: Don Perini (Professor of Creativity), Shannon Pothoven (Director of the Learning Center), Jason Stevens (Professor of English), and John Warren (Director of Career Services). Martin Hughes (Dean of Undergraduate Education) is the current division chair.

DEGREES

Bachelor of Arts (B.A.)
Bachelor of Science (B.S.)

MAJORS

General Studies
Interdisciplinary Studies

MINOR

Social Justice

GENERAL STUDIES MAJOR (*Bachelor of Arts/Bachelor of Science*)

In special circumstances, the chair of the Interdisciplinary Studies division, in consultation with a student's faculty advisor, may approve a student graduating with a general studies program. Any such program would meet all of the following requirements:

1. Meet minimum credit (129/120) and grade point average requirements for the Bachelor of Arts/Bachelor of Science.
2. Meet all core course requirements for the Bachelor of Arts/Bachelor of Science.
3. Meet minimum residency requirements (60 credits from Cornerstone, with 24 of the last 33).
4. Meet minimum upper-division course requirements (30 credits of 300- and 400-level courses overall).
5. Meet minimum credit (39) and grade point average (2.5) requirements for a major in General Studies.

The General Studies major is available only by approval of the chair of the Interdisciplinary Studies division.

INTERDISCIPLINARY STUDIES MAJOR (*Bachelor of Arts / Bachelor of Science*)

In special circumstances, a student wishing to pursue a course of study not available within the stated offerings of Cornerstone University may present a proposal to the Dean of Undergraduate Education, requesting approval of an individualized program leading to a baccalaureate degree. Such a program should be thoughtfully designed in consultation with a faculty advisor after the student has had significant college experience. Therefore, a student should not begin the proposal process earlier than the second term of the sophomore year.

Interdisciplinary Studies programs require a minimum of 46 credit hours across at least two (2) disciplines. Normally, at least twelve (12) credit hours of upper-division courses, with no presumption of waiver of specified prerequisites, must be taken from each of these two disciplines. The program must also include either an internship or a scholarly research project.

Students must include in their proposal a written statement of purpose. Proposals require the approval of two faculty advisors, the respective division chair or chairs, and the Dean of Undergraduate Education. Proposals will not be considered from any student with a current cumulative grade point average of less than 2.8

SOCIAL JUSTICE MINOR

A broadly interdisciplinary approach, based equally in Ministry, Humanities, and Social Science, this minor allows students to explore the issue of social justice from a Biblical perspective, understanding both its theoretical underpinnings as well as its practical applications in a globalizing world.

After completing this minor, the student should be able to:

1. Identify the foundational ideas that ground social justice in the biblical narrative
2. Formulate an interdisciplinary Christian explanation of the central issues of social justice.
3. Demonstrate concern for working out the biblical call “to do justice” in contemporary social contexts.
4. Judge the appropriateness and faithfulness of particular responses to issues of injustice.
5. Generate a plan of action or set of guidelines that help their community to address a specific issue of social justice

Required courses	Credit Hours
CMI-222 Poverty and Justice.	3
PHI-353* Philosophical Ethics	3
SOC-243* Social Problems	3
<i>Three courses from the following:</i>	9
ECN-231 Macroeconomics	
ECO-241 Environmental Science	
IDS-380 Social Justice Internship	
PHI-413* Globalization and Localization	
REL-330* Mosaic Literature	
REL-334* Prophetic Literature	
SOC-417* Minorities	
SSC-312 World Affairs	
SWK-311* Social Welfare Policy	
SWK-346* Child Welfare	
Total	18

**Has one or more pre-requisites*

COURSE DESCRIPTIONS

DEPARTMENT/LEVEL AND COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

INTERDISCIPLINARY STUDIES

IDS-101 Creativity, Innovation & Problem Solving 2/1

Students will unleash their creative potential to enrich their life and the world as they examine the creative processes, the lifestyles of creative people, the environments and methods of innovative organizations, and the tools of problem solving techniques.

IDS-103 CU Foundations I 2/1

This course is designed to create a foundational understanding of being a devoted follower of Christ. Through the learning activities of this course, students will learn about themselves and how to work with a group of other students to the end of influencing the world for Christ, His Church and His Kingdom. Specific learning activities include intensive service-learning, development of problem solving and critical thinking skills, and reflections on discipleship and Christian world view. \$275 fee attached.

IDS-104 CU Foundations II 2/1

This course is designed to continue with the foundational understanding of being a fully-devoted follower of Christ and authorship on their life. Students will continue to learn and how to work with a group of other students to the end of influencing the world for Christ, His Church and His Kingdom by continuing to volunteer at a non-profit organization. Specific learning activities include personal story paper, personal media-ography and service-learning, development of problem solving and critical thinking skills, and reflections on discipleship and the biblical narrative.

IDS-111 Honors Seminar 3/1

The Honors Seminar is a Great Books-oriented discussion for students participating in the Cornerstone University Honors Program. Readings from antiquity to contemporary are read in preparation for each week’s meeting, and the seminar is a wide-ranging conversation led by a team of faculty members. Occasional presentations and/or written work by students supplement the central aim of widening intellectual discourse on campus for students from a range of different majors.

KINESIOLOGY, SCIENCE & MATHEMATICS

DIVISION



James Fryling
Division Chair

The Kinesiology, Science and Math Division equips students to love and worship Christ through the study of His creation. Mathematics explores the beauty and order of creation as revealed through symbolic representation and logical implications. The physical sciences explore matter and its interactions. The biological sciences explore life in all of its intricate design. Kinesiology explores human movement and its effects. All of these areas are explored from the foundational theme that as God's image-bearers, humans are called to wisely steward God's marvelous creation.

Students who major or minor in KSM Division fields will be equipped to influence their culture for Christ as skilled professionals in health care, education, the sciences and important segments of society. Specifically, the division offers majors in biology, environmental biology, exercise science, integrated science for teacher education, mathematics and physical education. Pre-professional students (pre-medical, pre-veterinary, pre-dental, pre-pharmacy) are well prepared for their professional education through the Biology - health science/pre-professional major. Minors may be taken in biology, chemistry, coaching, general science, integrated science, mathematics and physical education.

Cornerstone University is distinguished by its emphasis on the hands-on, experiential study of nature and is a founding member of the AuSable Trails Institute of Environmental Studies. Cornerstone students can participate in the AuSable Institute field programs as part of their degree requirements.

DEGREES

Bachelor of Arts (B.A.)
Bachelor of Science (B.S.)

MAJORS

Biology (B.A.)
Biology - Health Sciences &
Pre-professional (B.S.)
Pre-professional includes:
Pre-Dental
Pre-Medical
Pre-Pharmacy
Pre-Veterinary
Biology (Secondary; B.A.)
Environmental Biology (B.S.)
Exercise Science (B.S.)
Integrated Comprehensive Science
(Secondary; B.A.)
Integrated Science Major
(Elem. & Secondary; B.A.)
Mathematics (B.A.)
Mathematics (Secondary; B.A.)
Physical Education (K-12; B.A.)

MINORS

Biology
Biology (Secondary)
Chemistry
Chemistry (Secondary)
Coaching
General Science
Integrated Science (Elementary)
Mathematics
Mathematics (Elementary & Secondary)
Physical Education

PROGRAMS

AuSable Institute

FACULTY

Fryling, James A., Professor of Chemistry (1997) (Division Chair); B.S. (1981) United States Air Force Academy; M.S. (1986), Ph.D. (1990) University of Arizona

Crompton, Nigel E.A., Professor of Biology (2002); B.Sc. (1980), Victoria University of Manchester, England; M.Sc. (1982), Victoria University of Manchester, England; Ph.D. (1987), Justus-Liedig University of Giessen, Germany; D.Sc. (1998), University of Zurich, Switzerland

Gates, Raymond R., Associate Professor of Biology (1978); B.A. (1973), Spring Arbor University; M.S. (1976), Central Michigan University

Keller, Charles N., Associate Professor of Science (2004); B.A. and B.S. (1976), University of Kansas; Ph.D. (1992), University of Kansas

Keys, Robert S., Associate Professor of Science (2002); B.A. (1984), Cornerstone University; M.Ed. (1995), Gannon University; Ph.D. (2004), Western Michigan University

Marra, Marty, Assistant Professor of Kinesiology (2005); B.A. (1986), Cornerstone University; B.S. (1987), Calvin College; M.A. (1995), Western Michigan University

Rohwer, Ginger, Instructor of Mathematics (2012); B.A. (1996), Cornerstone University

Sprague, Thomas B., Professor of Mathematics (1996); B.S. (1980), Central Michigan University; M.A. (1982), Dallas Theological Seminary; M.A. (1985), Michigan State University; Ph.D. (1990), Western Michigan University

Wideman, Charles, Instructor of science (2014); B.A. (1981), Cornerstone University; B.S. (1981), Calvin College

Williams, Sherry, Assistant Professor of Kinesiology (2013); B.A. (1990), Central Michigan University; M.A. (1992), Western Michigan University

Zainea, Kimberly A., Assistant Professor of Kinesiology (1990); B.A. (1988), Cedarville College; M.A. (1990), University of Dayton; Ed.D. (cand.), University of West Virginia

CRITERIA FOR GRADUATION AS A DIVISION MAJOR

See in the Academic Information section under Graduation Requirements.

Degree information for the Bachelor of Arts and Bachelor of Science degrees along with major and minor listings by division can be found in the catalog section entitled Degree Information.

BACHELOR OF ARTS MAJORS & MINORS

BIOLOGY MAJOR *(Bachelor of Arts)*

General Education Core requirements for the Bachelor of Arts degree are listed in the Degree Information section.

Required Courses	Credit Hours
BIO-151 General Biology.....	4
BIO-225 Botany.....	4
BIO-233 Zoology.....	4
BIO-351 Genetics.....	4
BIO-400 Capstone Seminar: Bioethics & Argument Theory.....	2
BIO-451 Molecular Cell Biology.....	4
ECO-341 Ecology.....	4
SCI-380 Internship.....	3
Electives in Biology (must be upper-level).....	4
SCI-495 Senior Research Project.....	2
Total.....	35
Required Cognates*	
CHM-111 Principles of General Chemistry (Prerequisite: MAT-121).....	4
CHM-212 Principles of Organic and Biochemistry.....	4
Electives in Mathematics (<i>Not MAT-096, 107, 110, 211 or 212</i>).....	6

*A cognate is a course that supports the success of completing a major program.

BIOLOGY MINOR

Required Courses	Credit Hours
BIO-151 General Biology.....	4
BIO-225 Botany.....	4
BIO-233 Zoology.....	4
Electives in Biology (must be upper-level).....	8
Total.....	20

Required Cognate*

CHM-111 Principles of General Chemistry (Prerequisite: MAT-121).....	4
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*A cognate is a course that supports the success of completing a major program.

BIOLOGY MAJOR FOR SECONDARY TEACHERS *(Bachelor of Arts)*

General Education Core requirements for the Bachelor of Arts degree are listed in the Degree Information section. (see page 53).

Required Courses	Credit Hours
BIO-151 General Biology.....	4
BIO-225 Botany.....	4
BIO-233 Zoology.....	4
BIO-351 Genetics.....	4
BIO-400 Capstone Seminar: Bioethics & Argument Theory.....	2
BIO-451 Molecular Cell Biology.....	4
One of the following:.....	4
BIO-241 Anatomy and Physiology I.....	
BIO-242 Anatomy and Physiology II.....	
ECO-341 Ecology.....	4
SCI-361 Evolution & Origins.....	3
Total.....	33

Required Cognates*

CHM-111 Principles of General Chemistry (Prerequisite: MAT-121).....	4
CHM-212 Principles of Organic and Biochemistry.....	4
MAT-151 Statistics.....	3
SCI-465 Secondary Science Methods.....	3

*A cognate is a course that supports the success of completing a major program.

BIOLOGY MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
BIO-151 General Biology.....	4
BIO-225 Botany.....	4
BIO-233 Zoology.....	4
ECO-341 Ecology.....	4
One of the following:.....	4
BIO-241 Anatomy and Physiology I.....	
BIO-242 Anatomy and Physiology II.....	
Total.....	20

Required Cognate*

CHM-111 Principles of General Chemistry (Prerequisite: MAT-121).....	4
SCI-465 Secondary Science Methods.....	3

*A cognate is a course that supports the success of completing a major program.

INTEGRATED SCIENCE GROUP MAJOR FOR ELEMENTARY TEACHERS *(Bachelor of Arts)*

Required Courses	Credit Hours
Earth/Space Science	
ECO-241 Environmental Science.....	4
SCI-261 Astronomy.....	4
SCI-262 Geology.....	4
SCI-263 Atmosphere & Weather.....	2
SCI-400 Capstone Seminar: Integrated Science.....	2
Life Sciences	
BIO-151 General Biology.....	4
BIO-233 Zoology.....	4
BIO-242 Anatomy & Physiology II.....	4
Physical Sciences	
CHM-111 Prin. of General Chemistry.....	4
PHY-211 General Physics I (Prerequisite: MAT-121, 122 or 131).....	4
SCI-201 Integrated Science for Elementary Teachers (core requirement).....	3
Total.....	39

INTEGRATED SCIENCE GROUP MINOR FOR ELEMENTARY TEACHERS *(Bachelor of Arts)*

Required Courses		Credit Hours
Earth/Space Science		
SCI-261	Astronomy	4
SCI-262	Geology	4
SCI-263	Atmosphere & Weather	2
SCI-400	Capstone Seminar: Integrated Science	2
Life Sciences		
BIO-151	General Biology	4
ECO-241	Environmental Science	4
Physical Sciences		
CHM-111	Principles of General Chemistry (Prerequisite: MAT-121)	4
SCI-201	Integrated Science for Elementary Teachers (core requirement)	3
Total		27

INTEGRATED SCIENCE MAJOR FOR SECONDARY TEACHERS *(Bachelor of Arts)*

Required Courses		Credit Hours
Comprehensive		
ECO-241	Environmental Science	4
SCI-361	Evolution & Origins	3
SCI-400	Capstone Seminar: Integrated Science	2
Earth/Space Science		
SCI-261	Astronomy	4
SCI-262	Geology	4
SCI-263	Atmosphere & Weather	2
Life Sciences		
BIO-151	General Biology	4
BIO-233	Zoology	4
BIO-351	Genetics	4
Physical Sciences		
CHM-111	Principles of General Chemistry (Prerequisites: MAT-121)	4
CHM-212	Principles of Organic & Biochemistry	4
PHY-211	General Physics I (Prerequisite: MAT-121, 122 or 131)	4
Total		43

INTEGRATED COMPREHENSIVE SCIENCE MAJOR FOR SECONDARY TEACHERS

(Bachelor of Arts) (DOES NOT REQUIRE MINOR)

Required Courses		Credit Hours
Comprehensive		
SCI-361	Evolution & Origins	3
SCI-400	Capstone Seminar: Integrated Science	2
Earth/Space Science		
ECO-241	Environmental Science	4
SCI-261	Astronomy	4
SCI-262	Geology	4
SCI-263	Atmosphere & Weather	2
Life Sciences		
BIO-151	General Biology	4
BIO-225	Botany	4
BIO-233	Zoology	4
BIO-351	Genetics	4
Physical Sciences		
CHM-111	Principles of General Chemistry (Prerequisites: MAT-121)	4
CHM-212	Principles of Organic & Biochemistry	4
PHY-211	General Physics I (Prerequisite: MAT-121, 122 or 131)	4
PHY-212	General Physics II	4
Total		51

MATHEMATICS MAJOR *(Bachelor of Arts)*

General Education Core: Requirements for the Bachelor of Arts degree are listed in the Degree Information section (see page 53).

The writing intensive courses for mathematics majors are MAT-245 and MAT-400. Papers from these courses included in the writing portfolio will be assessed according to common developmentally appropriate standards for mathematical writing.

Required Courses		Credit Hours
MAT-131	Calculus I	3
MAT-132	Calculus II	3
MAT-151	Statistics	3
MAT-233	Differential Equations	3
MAT-234	Multivariate Calculus	3
MAT-241	Applied Linear Algebra	3
MAT-243	Discrete Mathematics	3
MAT-245	Mathematical Proofs	3
MAT-333	Real Analysis	3
MAT-341	Modern Algebra	3
MAT-380	Internship	3
MAT-400	Capstone Seminar: The History of Mathematical Sciences	3
Total		.36

MATHEMATICS MAJOR FOR SECONDARY TEACHERS *(Bachelor of Arts)*

General Education Core: Requirements for the Bachelor of Arts degree are listed in the Degree Information section (see page 53).

Required Courses		Credit Hours
MAT-131	Calculus I	3
MAT-132	Calculus II	3
MAT-151	Statistics	3
MAT-233	Differential Equations	3
MAT-234	Multivariate Calculus	3
MAT-241	Applied Linear Algebra	3
MAT-243	Discrete Mathematics	3
MAT-245	Mathematical Proofs	3
MAT-333	Real Analysis	3
MAT-341	Modern Algebra	3
MAT-400	Capstone Seminar: The History of Mathematical Sciences	3
Total		.33

MATHEMATICS MINOR

Required Courses		Credit Hours
MAT-131	Calculus I	3
MAT-132	Calculus II	3
MAT-151	Statistics	3
MAT-241	Applied Linear Algebra	3
MAT-243	Discrete Mathematics	3
MAT-245	Mathematical Proofs	3
<i>Two from the following: (See course listings for prerequisites)</i>		6
MAT-233	Differential Equations	
MAT-234	Multivariate Calculus	
MAT-333	Real Analysis	
MAT-341	Modern Algebra	
MAT-400	Capstone Seminar: The History of Mathematical Sciences	
Total		.24

MATHEMATICS MINOR FOR ELEMENTARY TEACHERS

Required Courses		Credit Hours
MAT-131	Calculus I	3
MAT-151	Statistics	3
MAT-243	Discrete Mathematics	3
MAT-312	Elementary Mathematics Methods	4

Choose three of the following:	9
MAT-110 College Math	
MAT-121 College Algebra	
MAT-122 Trigonometry	
MAT-132 Calculus II	
MAT-233 Differential Equations	
MAT-234 Multivariate Calculus	
MAT-241 Applied Linear Algebra	
MAT-245 Mathematical Proofs	
MAT-400 Capstone Seminar: The History of Mathematical Sciences	
Overall Total	22

MATHEMATICS MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
MAT-131 Calculus I	3
MAT-132 Calculus II	3
MAT-151 Statistics	3
MAT-241 Applied Linear Algebra	3
MAT-243 Discrete Mathematics	3
MAT-245 Mathematical Proofs	3
MAT-400 Capstone Seminar: The History of Mathematical Sciences	3
One of the following:	3
MAT-233 Differential Equations	
MAT-234 Multivariate Calculus	
Total	24

Students with a major or minor in mathematics for secondary teachers should note that they are also required to take MAT-471 (Secondary Mathematics Education). See page 172 (Teacher Education Division – Secondary Education Programs).

PHYSICAL EDUCATION MAJOR FOR K-12 CERTIFICATION *(Bachelor of Arts) (Secondary Program Track Only)*

General Education Core: Requirements for the Bachelor of Arts degree are listed in the Degree Information section (see page 53).

Education students majoring in Physical Education must complete their lab science core requirement with BIO-241, must complete MAT-110, MAT-121, 122 or 131 and must meet the core activity program course requirements in physical education. Such students should follow the professional education program required for secondary education and will have an elementary and secondary student teaching experience.

Required Courses	Credit Hours
BIO-241 & 242 Anatomy and Physiology I & II	8
KIN-211 History and Principles of Kinesiology	3
KIN-243 Strategies for Teaching Physical Education K-12	3
KIN-251 Motor Development and Learning	3
KIN-342 Exercise Physiology (Prerequisite: BIO-241 and 242)	3
KIN-344 Adapted Physical Education K-12	2
KIN-345 Measurement and Evaluation	3
KIN-347 Introduction to Nutrition	3
KIN-357 Physical Education in Preschools & Elem. Schools	3
KIN-359 Physical Education in Secondary Schools	3
KIN-362 First Aid, Injury Prevention and Treatment	3
KIN-401 Capstone Seminar: Ethics in Teaching Physical Education	1
KIN-441 Organization and Administration	3
KIN-461 Skill and Performance Competencies*	1
Total	42

*Students must sign up with the instructor for KIN-461 at the time they decide to major in Physical Education.

PHYSICAL EDUCATION MINOR

General Education Core: Requirements for the Bachelor of Arts degree are listed in the Degree Information section (see page 49). Students minoring in Physical Education must complete their lab science core requirements with BIO-241.

Required Courses	Credit Hours
BIO-241 & 242 Anatomy and Physiology I & II.....	8
KIN-211 History and Principles of Kinesiology.....	3
KIN-251 Motor Development and Learning.....	3
KIN-341 Anatomical Kinesiology (Prerequisite: BIO-241).....	4
KIN-362 First Aid, Injury Prevention and Treatment.....	3
KIN-461 Skill and Performance Competencies*.....	1
<i>Electives from the following:</i>	3
KIN-231 Principles of Coaching.....	
KIN-243 Strategies for Teaching Phy. Ed. K-12.....	
KIN-342 Exercise Physiology (4).....	
KIN-345 Measurement and Evaluation.....	
KIN-344 Adapted Physical Education.....	
KIN-441 Organization and Administration.....	
Total	25

*Students must sign up with the instructor for KIN-461 at the time they decide to minor in physical education.

PHYSICAL EDUCATION MINOR FOR SECONDARY TEACHERS

Students who minor in physical education must complete their lab core requirement with BIO-241 and must meet the core activity program course requirements in physical education.

Required Courses	Credit Hours
BIO-242 Anatomy and Physiology II.....	4
KIN-211 History and Principles of Kinesiology.....	3
KIN-243 Strategies for Teaching Physical Activities K-12.....	3
KIN-251 Motor Development and Learning.....	3
KIN-344 Adapted Physical Education K-12.....	2
KIN-359 P.E. in Secondary Schools (Prerequisite: KIN-243).....	3
KIN-362 First Aid, Injury Prevention, and Treatment (Prerequisites: BIO-241 & 242 or permission of instructor).....	3
KIN-401 Capstone Seminar: Ethics in Teaching Physical Education (professor permission).....	1
KIN-461 Skill and Performance Competencies.....	1
<i>(Students who declare a Physical Education minor will receive KIN-461 competency information from P.E. advisor)</i>	
Total	23

BACHELOR OF SCIENCE MAJORS & MINORS

BIOLOGY MAJOR - HEALTH SCIENCES/PRE-PROFESSIONAL (Bachelor of Science)

(Includes pre-medical, pre-dental, pre-veterinary and pre-pharmacy.)

General Education Core requirements for the Bachelor of Science degree are listed in the Degree Information section. (See page 55)

Biology Core Courses	Credit Hours
BIO-151 General Biology.....	4
BIO-233 Zoology.....	4
BIO-351 Genetics.....	4
BIO-400 Capstone Seminar: Bioethics & Argument Theory.....	2
SCI-361 Evolution & Origins.....	3
SCI-380 Internship.....	3
SCI-495 Senior Research Project.....	2
Total	22
Health Science/Pre-professional	Credit Hours
BIO-241 Anatomy & Physiology I.....	4
BIO-242 Anatomy & Physiology II.....	4
BIO-352 Microbiology.....	4
BIO-451 Molecular Cell Biology.....	4
<i>Electives (at least two):</i>	
BIO-341 Anatomical Kinesiology.....	4
BIO-342 Exercise Physiology.....	4
BIO-347 Intro to Nutrition.....	3
BIO-352 Pathophysiology.....	3
BIO-431 Vertebrate Zoology.....	4
CHM-472 Biochemistry.....	4
SCI-423 Neuroscience.....	3
Total	19-20

Required Cognate* (satisfies minor requirement)

Required Courses		Credit Hours
CHM-121	General Chemistry I	4
CHM-122	General Chemistry II	4
CHM-230	Organic Chemistry I Lab	2
CHM-231	Organic Chemistry I	3
CHM-232	Organic Chemistry II	3
CHM-233	Organic Chemistry II Lab	2
MAT-151	Statistics	3
PHY-211	Physics I	4
PHY-212	Physics II	4
<i>One of the following:</i>		3
MAT-121	College Algebra	
MAT-122	Trigonometry	
MAT-131	Calculus	
Total		.36
Total Program Hours		77-78

*A cognate is a course that supports the success of completing the major program.

CHEMISTRY MINOR

Required Courses		Credit Hours
CHM-121	General Chemistry I	4
CHM-122	General Chemistry II	4
CHM-411	Perspectives in Chemistry	2
<i>One of the following:</i>		4
CHM-212	Principles of Organic & Biochemistry	
CHM-472	Biochemistry	
Chemistry Electives: (200 level or above)		8
Total		.22

CHEMISTRY MINOR FOR SECONDARY TEACHERS

Required Courses		Credit Hours
CHM-121	General Chemistry I (<i>Prerequisite: MAT-121</i>)	4
CHM-122	General Chemistry II (<i>Prerequisite: CHM-121</i>)	4
CHM-411	Perspectives in Chemistry (<i>Prerequisite: Completion of three chemistry courses and junior status</i>)	2
Chemistry Electives (200 level or higher)		12
Total		.22

COACHING MINOR

Students enrolled in the Coaching minor must complete their lab science core requirement with BIO-241.

Required Courses		Credit Hours
BIO-242	Anatomy & Physiology II	4
KIN-231	Principles of Coaching	3
KIN-341	Anatomical Kinesiology	4
KIN-342	Exercise Physiology	4
KIN-362	First Aid & Injury Prevention	3
<i>One of the following:</i>		3
KIN-347	Intro to Nutrition	
PSY-362	Sport & Exercise Psychology	
KIN-370	Coaching Practicum	1
Total		.22

ENVIRONMENTAL BIOLOGY MAJOR *(Bachelor of Science) (DOES NOT REQUIRE A MINOR)*

General Education Core: Requirements for the Bachelor of Science degree are listed in the Degree Information section. (See page 55)

MAJOR

Biology Core Courses		Credit Hours
BIO-151	General Biology.....	4
BIO-233	Zoology.....	4
BIO-351	Genetics.....	4
BIO-400	Capstone Seminar: Bioethics & Argument Theory.....	2
SCI-361	Evolution & Origins.....	3
SCI-380	Internship.....	3
SCI-495	Senior Research Project.....	2
Total.....		.22

Environmental Biology Courses		Credit Hours
BIO-225	Botany.....	4
BIO-431	Vertebrate Zoology or BIO-331 Ornithology.....	4
ECO-241	Environmental Science.....	4
ECO-341	Ecology.....	4
ECO-442	Advanced Field Studies.....	4
ECO-3XX, 4XX	Electives at Au Sable Institute.....	8
Total.....		.28

See General Science Minor II

GENERAL SCIENCE MINOR II (REQUIRED)

Required Courses		Credit Hours
CHM-121	General Chemistry I.....	4
CHM-122	General Chemistry II.....	4
CHM-212	Principles of Organic & Biochemistry.....	4
ECO-3XX, 4XX	Elective at Au Sable Institute.....	4
MAT-151	Statistics.....	3
SCI-262	Geology.....	4
<i>One of the following:</i>		3
MAT-121	College Algebra	
MAT-122	Trigonometry	
MAT-131	Calculus I	
Total.....		.26

AuSable Certificate is strongly recommended from one of the following areas: Stewardship Ecologists, Land Resources Analyst, Environmental Analyst, Water Resources Analyst, Naturalist

Program Total..... **.76**

EXERCISE SCIENCE MAJOR *(Bachelor of Science) (DOES NOT REQUIRE A MINOR)*

General Education Core: Requirements for the Bachelor of Science degree are listed in the Degree Information section (See page 55).

PROGRAM SPECIFIC CORE

Required Courses		Credit Hours
BIO-151	General Biology.....	4
BIO-241	Anatomy and Physiology I.....	4
BIO-242	Anatomy and Physiology II.....	4
KIN-341	Anatomical Kinesiology <i>(Prerequisite: BIO-241)</i>	4
<i>One of the following:</i>		3
MAT-110	College Math	
MAT-121	College Algebra	
MAT-122	Trigonometry	
MAT-131	Calculus I	
Total.....		.19

MAJOR COURSES

Required Courses		Credit Hours
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KIN-211	History and Principles of Kinesiology3
KIN-251	Motor Development and Learning3
KIN-342	Exercise Physiology (<i>Prerequisite: BIO-241 & 242</i>) . . . . .	.4
KIN-346	Testing & Prescriptions . . . . .	.2
KIN-345	Measurement and Evaluation (<i>Prerequisite: Math core requirement</i>) . . . . .	.3
KIN-347	Introduction to Nutrition (<i>Prerequisite: BIO-242</i>) . . . . .	.3
KIN-362	First Aid and Injury Prevention . . . . .	.3
KIN-380	Internship . . . . .	.6
KIN-400	Professional Capstone Seminar (<i>Prerequisite: MAT-151</i>) . . . . .	.2
MAT-151	Statistics. . . . .	.3
Total		31

Pre-PT Emphasis (for students intending to pursue graduate education in Physical Therapy)

In addition to the Program Specific Core and Major Courses listed above, students must also complete the following courses:

CHM-111 or (CHM-121 and CHM-122)	4-8
PHY-211	4
PHY-212	4
MAT-121 or 122 or 131	3
PSY-111	3
Total	18-22

GENERAL SCIENCE MINOR

Required Courses	Credit Hours
Two physical science courses (CHM, PHY, SCI designations)	8
Two biological science courses (BIO, ECO designations)	8
One other physical or biological science course	4
Total	20

COURSE DESCRIPTIONS

DEPARTMENT/ LEVEL AND COURSE NAME CREDITS/FREQUENCY
(See page 59 for codes)

BIOLOGY

BIO-111 Introduction to Biological Sciences 4/1

An introductory course in Biology in which plants and animals are used to illustrate basic biological principles. The course will examine the relationships among living organisms, including man, and his environment. It is designed to increase student awareness and appreciation of organisms in nature as well as the natural history of selected plants and animals. The laboratory includes the identification of common organisms living in West Michigan during field trips. This course is for non-science majors and minors and satisfies the core requirement for Lab Science. **Lab fee applied.**

BIO-151 General Biology 4/1

This course is designed to provide a natural science foundation for all science majors and minors. Foundational concepts in cell biology/chemistry, genetics (classical and molecular) and microbiology will be stressed in both lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.**

BIO-161 Human Biology 4/2

This course includes examination of the structure and function of the human body with special emphasis on disease process as it relates to dysfunction along with practical applications for a lifestyle of healthful living. Emphasis is placed upon cell biology, tissues and various systems of the body including integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, respiratory, digestive, urinary, endocrine and reproductive systems. This general survey course fulfills the science core requirements for a lab science and is open to students desiring basic knowledge of human anatomy and physiology. **Lab fee applied.**

BIO-225 Botany 4/2

Studies basic plant science, including the structure, reproduction, and ecological relationships among plants. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.** Prerequisite: An advanced high school biology course or BIO-111 or BIO-151.

BIO-233 Zoology 4/2

Introduction to the basic principles of zoology, including development, distinguishing characteristics and interactions of the major animal kinds, with special emphasis on the invertebrates. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.** Prerequisites: BIO-111 or BIO-151 or advanced high school biology course.

BIO-241 Anatomy and Physiology I 4/2

A systems approach to the structure and function of the human body with special emphasis on disease process as it relates to dysfunction along with practical applications for a life-style of healthful living. Includes integumentary, skeletal, muscular, nervous, and endocrine systems. Laboratory experiences will use microscopic and lab animal investigation. Stresses the homeostatic function and intricacy of the body and its analogies to the Body of Christ, the Church. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.**

- BIO-242 Anatomy and Physiology II 4/2**
A systems approach to the structure and function of the human body with special emphasis on disease process as it relates to dysfunction, along with practical applications for a life-style of healthful living. Includes cardiovascular, digestive, respiratory, lymphatic, urinary, and reproductive systems. Laboratory experiences will use microscopic and lab animal investigation. Stresses the homeostatic function and intricacy of the body and its analogies to the Body of Christ, the Church. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.**
- BIO-331 Ornithology 4/4**
Study of bird anatomy, behavior, life cycles, migration, distribution, and economic relations. Field work is concerned with identification by sight and song and observing the habitat requirements of each species. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.**
- BIO-341 Anatomical Kinesiology (KIN-341) 4/2**
This course is designed as a functionally specific approach to the musculoskeletal system. Emphasis will be placed on the qualitative analysis and description of human movement. **Lab fee applied.** Prerequisite: BIO-241
- BIO-342 Exercise Physiology (KIN-342) 3/2**
A study of the physiological responses of the healthy human body to exercise. This course includes topics such as energy systems, nutrition, conditioning, exercise testing, and exercise prescriptions. Prerequisites: BIO-241 and BIO-242. Lecture and lab.
- BIO-347 Introduction to Nutrition (KIN-347) 3/2**
This course is designed to study foods and their effects upon health, development, and performance of the human. Students will develop an understanding of healthful and performance nutrition as it relates to optimal health and physical performance. Also, students will study energy pathways in the body and the six basic nutrients related to performance. Additionally, the students will investigate body composition and weight control.
- BIO-351 Genetics 4/2**
A study of classical Mendelian genetics, as well as the current molecular basis of gene expression. Lab investigations include inherited traits studies with a variety of organisms from bacteria to humans. **Lab fee applied.** Prerequisites: BIO-151
- BIO-352 Microbiology 4/4**
A survey study of the structure and function of micro-organisms, with an emphasis on bacteria. Lab included basic techniques in the isolation, identification and culture of micro-organisms. Lecture and lab. **Lab fee applied.** Prerequisite: BIO-151 or BIO-233.
- BIO-353 Pathophysiology 3/2**
- BIO-400 Capstone Seminar: Bioethics & Argument Theory 2/2**
This course is a senior capstone course for Biology and Pre-Professional Majors, and investigates the ethical and theological issues confronting one choosing a biology-related career. Emphasis will be placed upon constructing a personal, Christian philosophical framework. Students will address these concepts as they investigate and evaluate relevant biological issues. Prerequisite: upper-class biology, environmental or pre-professional major.
- BIO-431 Vertebrate Zoology 4/4**
Introduction to the characteristics of the seven classes of vertebrate animals, their structure and life history. Lecture and lab. **Lab fee applied.** Prerequisite: BIO-233
- BIO-451 Molecular Cell Biology 4/2**
Examines the structure, function, differentiation and reproduction of cells at all levels of organization with special emphasis on current research in biological problems. Lab experience includes modern techniques in molecular analysis. Lecture and lab. **Lab fee applied.** Prerequisite: BIO-351

CHEMISTRY

- CHM-111 Principles of General Chemistry 4/2**
Investigation of properties of substances and the changes they can undergo. Special emphasis on laws of chemical combination, theories of atomic structure, periodic trends, kinetic theory, and chemical and physical equilibria as well as activities to communicate the centrality of chemistry to historical development, modern civilization, and life itself. Explores proper biblical stewardship in chemical manufacturing, disposal, and use. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.** Prerequisite: MAT-121 or equivalent.
- CHM-121 General Chemistry I 4/2**
Investigation of the composition and properties of substances and the changes they can undergo. Special emphasis on laws of chemical combination, theories of atomic structure, periodic trends, and chemical and physical equilibria as well as activities to communicate the centrality of chemistry to historical development, modern civilization, and life itself. Explores proper biblical stewardship in chemical manufacturing, disposal, and use. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.** Prerequisite: MAT-121 or its equivalent.
- CHM-122 General Chemistry II 4/2**
A continuation of CHM-121 with emphasis on reaction types and rates, electrochemistry, equilibria, group properties, nuclear chemistry, and qualitative analysis. Addresses environmental concerns and safe handling and disposal of chemicals. Chemical demonstrations as well as laboratory experiments are used throughout the course. Lecture and lab. **Lab fee applied.** Prerequisite: CHM-121.
- CHM-212 Principles of Organic and Biochemistry 4/2**
Study of the structure, properties, reactions, and interactions of the compounds of carbon and the molecules of life. Special emphasis upon the relationship of macromolecular structure and function to their components. Explores and utilizes chemical theory in the understanding of simple and complex molecular behavior. Laboratory exercises concentrate on synthesis, identification and investigation of both natural and man-made products. Lecture and lab. **Lab fee applied.** Prerequisite: CHM-111 or CHM-121

- CHM-230 Organic Chemistry Lab I 2/2**
Laboratory investigations will include micro as well as macro techniques for synthesis and analysis. **Lab fee applied.** Note: To be taken concurrently with CHM-231.
- CHM-231 Organic Chemistry I 3/2**
A study of carbon compounds including nomenclature, physical and chemical behavior, synthesis, reactions and mechanisms. Prerequisite: CHM-122 or equivalent.
- CHM-232 Organic Chemistry II 3/2**
A continuation of CHM-231 with special emphasis on the biological significance of the functional groups studied in that course. Natural products and polymers will also be covered. Prerequisite: CHM-231.
- CHM-233 Organic Chemistry Lab II 2/2**
Laboratory investigations will include micro as well as macro techniques for synthesis and analysis. **Lab fee applied.** Note: To be taken concurrently with CHM-232.
- CHM-411 Perspectives in Chemistry 2/4**
Investigation in the history, philosophy, curricular structure, methodology, key ideas and concepts of chemistry. Emphasis will be given to the central role in technology and society as well as stewardship issues of production, utilization, and disposal. Prerequisites: Minimum of three chemistry courses and at least junior standing.
- CHM-472 Biochemistry 4/4**
Investigation of biologically important molecules including proteins, lipids, carbohydrates, and nucleic acids. Metabolic and biochemical problems will be explored. Lecture and lab. **Lab fee applied.** Prerequisite: CHM-232.

ECOLOGY

- ECO-241 Environmental Science 4/2**
Studies how ecological principles, philosophy, economics, sociology and politics interact with identifying and solving environmental issues. Topics include: air quality, water quantity and quality, population dynamics, energy sources, types of waste, sustainability, environmental policy and legislation, and pertinent government agencies. Lecture and lab. **Lab fee applied.**
- ECO-341 Ecology 4/4**
The study of the interrelationships of living organisms, plant or animal, and their environments. These are studied with a view of discovering the principles that govern relationships. A special emphasis on the different ecosystems of Michigan bogs, marshes, streams, and sand dunes, and man's impact on them, will be studied. Lecture and lab. **Lab fee applied.** Prerequisites: BIO-225, 233, and MAT-151
- ECO-342 Field Biology 4/6**
First two weeks: Instruction and experience in the use of the tools of the field biologist, trips to different types of ecosystems: forest, field, stream, pond, lake, marsh, and bog. Final week: Travel experience covering points of interest in the Upper Peninsula and Lower Peninsula of Michigan, or the student may elect to work on a field problem in the Grand Rapids area. **Lab fee applied.** Prerequisites: BIO-225 and BIO-233
- ECO-442 Advanced Field Studies variable credit/6**
A field-oriented course in the study of the relationships of the fauna and flora of special segment of the biosphere such as Ireland, Yellowstone National Park, Grand Canyon National Park or the Florida peninsula. Students spend most of the time on location experiencing the ecology of the area. **Lab fee applied.**
- [Lab attendance is required in all courses with a lab. The Cornerstone Learning Center in Miller Hall 107 provides tutorial and technology support for students and instructors.]*

KINESIOLOGY

- KIN-100 Total Fitness & Wellness 2/1**
Instruction in personal wellness as a responsibility of biblical stewardship. This course focuses on whole person wellness in the context of biblical principles. Emotional, intellectual, vocational, physical, social, and spiritual wellness are addressed.
- KIN-101 Champions of Character 1/2**
- KIN-111 Badminton 1/1**
The study and practice of basic techniques in the game of badminton. This course includes topics such as ready position, grip, strokes, serve, rules of the game, and strategy. Opportunities are given to test skills against other class members through tournament play.
- KIN-113 Golf 1/2**
An introduction for the beginner to golf encompassing basic techniques of the stance, grip, swing, rules of the game and etiquette. This course is designed to offer opportunity to test and improve skills on a regulation eighteen-hole golf course. It is desired that this activity leads to the appreciation of golf and becomes a lifelong enjoyment for the Christian steward. **Course fee applied.**
- KIN-115 Tennis 1/2**
Instruction in basic techniques of the sport including the history and rules. This course focuses on the forehand, backhand, serve and volley. Strategy for singles and doubles is included along with opportunity for game play. **(External fee applied. - TBD)**
- KIN-116 Racquetball 1/1**
An introduction for the beginner to racquetball encompassing rules, basic skills, terminology, strategy and safety. This course is designed to offer game play with class members and is desired that this activity leads to the appreciation of racquetball and becomes a lifelong enjoyment for the Christian steward.

KIN-119	Downhill Skiing/Snowboarding	1/2
Introduction in techniques for all levels of skiers and boarders. Cannonsburg staff will divide the students into various groups (beginners to advanced) and teach techniques and etiquette appropriate for each group. Course fee applied.		
KIN-121	Outdoor Skills	1/6
Instruction in the basic skills and equipment needed for participation in outdoor activities. This course includes opportunity to utilize the cooperation method of problem-solving. Activities selected from the following list will depend on the season the course is offered: hiking, backpacking, map and compass.		
KIN-123	Beginning Fencing	1/2
This course is designed to give the student a fundamental background in the skills, technique, rules, and etiquette of foil and epee fencing. Special attention will focus on conditioning, strategy, competitive bouting and safety. Upon completion of this course, students will be equipped with the basic skills necessary to enjoy a lifetime of both competitive and recreational fencing. Course fee applied.		
KIN-124	Pickleball/Paddletennis	1/2
The study and practice of basic techniques in the game of Pickleball (the newest and fastest racquet sport). The course includes topics such as ready position, grip, strokes, serve, rules of game, and strategy. Opportunities are given to test skills against other class members through tournament play.		
KIN-127	Introduction to Martial Arts	1/1
This activity course is designed to introduce the student to the basic principles of the Martial Arts from a Christian perspective and open the student's mind to the possibilities of the Martial Arts being used for Christian ministry. Each student will be working toward earning an actual novice rank in the traditional Japanese Karate style of Shinsei Wado-Ryu Karate-Do. Students will learn solid, time-proven Martial skills that are effective for self-defense as well as disciplining the body, mind and spirit. External fee applied.		
KIN/DAN-129	Beginning Dance	1/2
An introduction for the beginner dancer, including basic rhythm and terminology necessary for individual and partner dancing. Line, Ballroom, Swing, and other popular forms of dance will be explored throughout the course.		
KIN-132	Coed Soccer	1/2
The study and practice of rules, basic fundamentals, strategy, team play, and game etiquette. Opportunities will be given to the student to test skills against other players through tournament play.		
KIN-133	Volleyball	1/1
The study and practice of the basic techniques in the game of volleyball. The course includes topics such as ready position, serve, set, forearm pass, rules of the game, and strategy. Opportunities are given to test skills against other class members through tournament play.		
KIN-143	Jogging	1/2
To provide students with a thorough understanding of aerobic activity and its application to physical conditioning. The content of this course also includes general Biomechanics of jogging, flexibility, nutrition, a proper Christian viewpoint of jogging as a lifetime fitness activity.		
KIN-144	Ladies Weight Training & Fitness Class	1/2
This class will be an introduction of weight training and fitness opportunities for the college female. It will emphasize proper technique and safety precautions for weight lifting while promoting the importance of a healthy and personal physical fitness conditioning program. This course will also educate females in the importance of the injury prevention through building muscle strength and teaching proper fitness components.		
KIN-146	Physical Conditioning	1/6
The study and practice of basic physical fitness techniques. The American College of Sports Medicine guidelines to physical fitness are taught. Aside from various conditioning opportunities, the student will learn principles regarding nutrition and stress management.		
KIN-147	Physical and Health Education for Classroom Teachers	2/1
This course is designed to provide classroom teachers with a basic understanding of the purpose of physical education programs at the elementary level. The elementary education major will be equipped with basic theory, methods and management techniques for providing quality movement experiences for all students with emphasis placed on the needs of individual learners. A variety of teaching methods, organizational techniques and strategies for integrating physical education across the curriculum will be explored in this course. Various health related topics and their relationship to elementary students will be discussed.		
KIN-148	Weight Training	1/1
An introduction for the beginner to basic techniques and instruction in weight training for both muscular strength and endurance. This course is designed for the development of a personalized weight training program and is desired that this activity leads to lifelong enjoyment for the Christian steward.		
KIN-180	Zumba® and Aerobics	1/2
The Zumba® class will include basic steps of aerobic moves with interval sections for muscular strength and endurance exercises to burn calories with cardio-training to strengthen the heart for overall well-being. Zumba® is a Latin inspired dance-fitness routine with a mixture of different dance style including swing, tango and even twist. The student will learn merengue, cumbia, salsa and raggaeton steps.		
KIN/DAN-181	Modern Dance I	1/4
Emphasis on modern dance technique and fundamentals of improvisation and choreography. Fundamental exercises and analysis of time, space and dynamics as they apply to elements of dance with emphasis on movement, structural alignment and integration.		

KIN/DAN-183 Jazz Dance I 1/4
Fundamentals of Jazz technique, basic vocabulary and combinations. Areas to develop include jazz walks, Isolations, arabesque, grand plies and various turns.

KIN/DAN-184 Jazz Dance II 1/4
Intermediate skills in jazz dance technique, vocabulary and movement combinations. Study includes more complex vocabulary, longer movement combinations and more attention to technique and development of jazz dance style. Prerequisite: KIN/DAN-183

KIN/DAN-185 Fundamentals of Ballet 1/4
Fundamentals of ballet technique, basic vocabulary and combinations. Emphasis placed on alignment, integration and simple ballet movement.

KIN/DAN-186 Broadway Dance 1/4
Focus on technique and skills instrumental in Broadway-style choreography. Students will focus on learning terminology and form commonly used in musical theatre. They will also learn original repertoire from some of Broadway's most celebrated choreographers covering a wide range of musical theatre eras and styles.

KIN/DAN-187 Fundamentals of Tap Dance 1/4
Fundamentals of tap dance, basic vocabulary and combinations. Emphasis of body placement, simple tap combinations, elements of performance quality and tap dance composition.

KIN/THR-188 Fight Choreography 1/4
Development of advanced specialty skills and techniques of fight choreography. This physical activity class will focus on the awareness and development of the mechanics of the body as a tool for the actor with emphasis on stage fighting, stage stunt work and on complex stage combat techniques and choreography.

Varsity Sports 1
A maximum of two credits will be awarded for participation in two different varsity sports. Students must register for credit at the beginning of the semester their sport is in season. These credits will count as elective credit only, and do not apply toward core physical education requirements or the Physical Education major or minor. Sports included are:

KIN-161	Baseball	KIN-166	Tennis
KIN-162	Softball	KIN-167	Track
KIN-163	Basketball	KIN-168	Cross Country
KIN-164	Volleyball	KIN-171	Golf
KIN-165	Soccer		

PROFESSIONAL PROGRAM COURSES

KIN-211 History and Principles of Kinesiology 3/1
A study of physical education, sport, and fitness in the context of their historical development and how they have been an integral part of culture. The psychological, sociological, and philosophical factors that have affected these topics. This course includes learning techniques such as class debates, readings, and presentation.

KIN-215 Introduction to Sports Management 3/2
An overview of the diverse field of Sport Management. This course includes an in depth examination of various careers, training and necessary courses of study. Additionally, management skills along with related speaking and writing competencies are emphasized.

KIN-231 Principles of Coaching 3/2
The study of the nature and responsibilities of the profession of coaching. Topics include philosophy of coaching, the coach and his/her personality, the athlete and his/her personality, communication, team cohesion, motivation, discipline, teaching techniques, and scouting.

KIN-243 Strategies for Teaching Physical Activities K-12 3/2
The study and practice of the process of teaching physical education activities appropriate for students K-12. This course is designed to help teachers develop the instructional skills necessary to teach physical education effectively. The physical education major will be equipped to select, develop and implement units of instruction. Lesson planning and actual teaching experience (with K-12 students) will provide the practical experience needed for professional growth.

KIN-251 Motor Development and Learning 3/2
A study of childhood growth and development patterns as it relates to motor learning and motor skill acquisition. This course is designed to enhance the understanding of growth and motor behavior/development of children from conception through adulthood. Principles of motor development and learning are explored along with an opportunity to apply them in a lab setting.

KIN-280 Special Topics in Kinesiology 1-3/6

KIN-341 Anatomical Kinesiology (BIO-341) 4/2
This course is designed as a functionally specific approach to the musculoskeletal system. Emphasis will be placed on the qualitative analysis and description of human movement. **Lab fee applied.** Prerequisite: BIO-241

KIN-342 Exercise Physiology (BIO-342) 3/2
A study of the physiological responses of the healthy human body to exercise. This course includes topics such as energy systems, nutrition, conditioning, exercise testing, and exercise prescriptions. Prerequisites: BIO-241 and 242. Recommend: CHM-111. Lecture and lab.

KIN-344	Adapted Physical Education	2/2
This course is an orientation to the theoretical and practical aspects of teaching physical education for K-12 students with physical and mental disabilities. The focus is on the history and scope of adapted physical education, key techniques required for effective and safe instruction, general needs of special populations, legal issues, development of Individualized Education Programs and accommodation of activities, equipment and instructional materials for special populations. These topics will be studied within the context of our Christian worldview, with special attentions given to issues of equity and individual worth. Prerequisite: KIN-243 or permission of instructor.		
KIN-345	Measurement and Evaluation	3/4
A study of methods for evaluating cognitive, affective, and psychomotor domains of learning in physical education. The course provides opportunity for practical experience in test construction and administration as well as evaluation of the results. Topics such as statistics, fitness testing, grading procedures, and affective checklists will be covered. Prerequisite: core mathematics requirement.		
KIN-346	Exercise Testing and Prescription	3/2
This course will explore theory and practices related to exercise testing and prescription. It will include practical experience in body composition techniques, electrocardiography, muscle strength and endurance testing, flexibility testing and cardiovascular endurance testing. The results of the testing will be used to form appropriate exercise prescriptions according to the American College of Sports Medicine guideline. Lab fee applied.		
KIN-347	Introduction to Nutrition (BIO-347)	3/2
This course is designed to study foods and their effects upon health, development, and performance of the human. Students will develop an understanding of healthful and performance nutrition as it relates to optimal health and physical performance. Also, students will study energy pathways in the body and the six basic nutrients related to performance. Additionally, the students will investigate body composition and weight control. Prerequisite: BIO-242		
KIN-357	Physical Education in Preschools and Elem. Schools	3/4
This course is designed to provide methods of instruction for teaching preschool and elementary physical education programs. The course will include basic movement education emphasizing Laban's concept of movement analysis, fundamental motor skills, manipulative skills, educational and traditional gymnastic skills, fundamental rhythms, physical fitness activities, and introduction to sports related skills. Development of teaching sequences will be utilized. Clinical experiences will be involved in teaching children and peers. Prerequisites: KIN-243 and KIN-251		
KIN-359	Physical Education in Secondary Schools	3/4
This course is designed to provide methods of instruction for teaching team and individual sport activities in the middle and secondary school environments. Development of teaching sequences will be utilized. Clinical experiences will be involved in teaching students and peers. Prerequisites: KIN-243 and KIN-251		
KIN-362	First Aid, Injury Prevention, and Treatment	3/2
Basic principles of injury prevention and care, first aid principles of prevention, injury evaluation and current rehabilitation methods are taught. The student will have active participation in caring for various injuries. Course fee applied. Prerequisite: BIO-241 and 242 or permission of instructor.		
KIN-370	Practicum in Coaching	1
KIN-380	Internship	1-6
An opportunity to gain practical experience in settings appropriate for exercise science and coaching. Prerequisite: junior status and approval of divisional chair.		
KIN-400	Professional Capstone Seminar	2/2
The seminar will examine from a Christian worldview perspective the ethical and professional issues associated with the major. As a capstone course, the seminar will devote time to Christian worldview reflection in regard to a senior's prior academic preparation and future vocational opportunities. The seminar will include significant evaluation instruments including a portfolio, philosophy thesis, skill and performance competencies (KIN-461) and completion of the senior assessment exam for Kinesiology. Students must sign up with the professor at the time they decide to major in exercise science so they can begin work towards meeting competencies in the areas required. Registration to receive credit will be delayed until the seminar year. Prerequisites: MAT-151 and senior status or approval of divisional chair.		
KIN-401	Capstone Seminar: Ethics in Teaching Physical Education	1/2
The seminar will examine, from a Christian worldview perspective, the ethical and professional issues associated with physical education. As a capstone course, the seminar will devote time to Christian worldview reflection in regard to a senior's prior academic preparation and future vocational opportunities. The seminar will include significant evaluation instruments including a portfolio, philosophy paper, and completion of the senior assessment exam for the major. Prerequisite: senior status or approval of division chair.		
KIN-441	Organization and Administration	3/4
The study of organization, administration, planning, implementation, interscholastic activities, and sports/fitness clinics. The students will gain a closer look at the administrative roles at these various settings. Topics will include budget creation and control, program development, leadership techniques, and program evaluation.		
KIN-461	Skill and Performance Competencies	1/1
A series of experiences to help students understand the many roles of the physical educator. The specific experiences will be planned jointly by the student and the professor. The goal of this course is to improve the student's personal and professional expertise through participation, observation and leadership opportunities. Students must sign up with the professor at the time they decide to major or minor in kinesiology education so they can begin work toward meeting competencies in the areas required. Registration to receive credit should be delayed until the senior year.		
KIN-470	Readings in Physical Education	3/1
Guided readings and periodic reports in areas of student's interest and need. Prerequisite: approval of the division chair.		

KIN-480	Advanced Topics in Kinesiology	1-3/6
KIN-490	Independent Study	3/1

With faculty supervision, the student will research and write on a specific topic or area. Outside involvement in topic is normally required. Prerequisite: approval of the division chair.

MATHEMATICS

MAT-096 **Pre-Algebra** **3/2**
 An individualized review of applied arithmetic. Patterns leading to operations with fractions, decimals, percents and proportions. Graphing, drawing, probability and spreadsheet tools are used in technology activities to learn problem-solving strategies, numerical geometry, pre-algebra, and basic statistics concepts. Prerequisite: Qualifying score on mathematics placement test; this course does not count toward graduation.

MAT-107 **Algebra** **3/1**
 A study of number properties, variation, graphs and equations involving linear, quadratic and exponential functions. This course introduces the use of calculators and/or spreadsheets for the study of functions and data. It does not count toward a major or minor in mathematics. MAT-107 is designed to review the necessary foundations in algebra for MAT-110. Prerequisite: Qualifying score on math placement test. This course does not fulfill the core mathematics requirement.

MAT-108 **Intermediate Algebra** **3/2**
 This class elaborates on the foundation of basic algebra built in MAT-107. A variety of concept and skills will be introduced to prepare students for work in college level algebra and related subjects. Skills include: factoring; simplifying and solving rational expressions and equations; simplifying and solving exponential and radical expressions and equations; solving linear and quadratic equations; using function notation; graphing lines and parabolas; and writing equations of lines. Topics include: basic scientific and business models; basic applications of geometry and right triangle trigonometry and exponential growth and decay. Prerequisite: Qualifying score on mathematics placement test. This course does not fulfill the core mathematics requirement

MAT-110 **College Mathematics** **3/1**
 College Mathematics introduces students to several applications of algebra and statistics important for the professions, cultural literacy and liberal arts. Applications include the mathematics of finance, a brief review of algebra and an introduction to data analysis, probability and statistics. Computational skills with calculators and/or spreadsheets are developed. This course satisfies the core requirement in Mathematics. Prerequisite: Qualifying score on math placement test.

MAT-121 **College Algebra** **3/2**
 College Algebra introduces the study of polynomial, rational, exponential, and logarithmic functions, in addition to the quadratic formula, geometric series, binomial series, systems of equations and probability. A graphing calculator is required (TI-83/84 or TI-89/92/200 recommended). This course satisfies the core requirement in mathematics. Prerequisites: Acceptable score on placement examination. Prerequisite: Qualifying score on math placement test.

MAT-122 **Trigonometry** **3/2**
 Properties, graphs and applications of the sine, cosine and tangent functions and their reciprocals and inverse functions. Connections with the geometric series, binomial series, quadratic formula and logarithms. A graphing calculator is required (TI-83/84 or TI-89/92/200 recommended). This course satisfies the core requirement in mathematics. Prerequisite: MAT-121 or qualifying score on math placement examination.

MAT-131 **Calculus I** **3/2**
 The study of rates of change for polynomial, exponential, logarithmic, and trigonometric functions, tangent lines, graphs, maximum values, and areas. Applications of calculus will be modeled with graphing calculators. Computer software and/or graphing calculator (TI-89/92/200 recommended) is a required tool for this course. This course satisfies the core requirement in mathematics. Prerequisite: Qualifying score on math placement test.

MAT-132 **Calculus II** **3/2**
 Applications of differentiation and integration from MAT 131 will include techniques of integrating functions and series approximations to these functions. Computer software and/or a graphing calculator (TI-89/92/200 recommended) is a required tool for this course. This course satisfies the core requirement in Mathematics. Prerequisite: MAT-131.

MAT-151 **Statistics** **3/2**
 Descriptive statistics including measures of central tendency and standard deviation, statistical inference with emphasis upon testing of hypotheses and measures of association, and application of these techniques to decision-making and planning. Computer software and/or graphing calculator is required (TI-83/84 preferred). Prerequisite: Core competency in math.

MAT-233 **Differential Equations** **3/4**
 The study of equations involving derivatives by methods of algebra, series, or computer approximations. Graphing calculators and computers will graph solutions, phase planes, and chaotic systems. Prerequisite: MAT-132.

MAT-234 **Multivariate Calculus** **3/4**
 Derivatives and integrals of functions of several variables such as $z=f(x,y)$, Jacobian determinants, volumes, and surface areas. Three-dimensional graphs and chaotic systems will be investigated on graphing calculators and computers. Computer software and/or graphing calculator (TI-89/92/200 preferred) is a required tool for this course. Prerequisite: MAT-132

MAT-241 **Applied Linear Algebra** **3/2**
 The algebra of matrices, determinants, vectors, inverting matrices, diagonalizing matrices, eigenvalues and their applications. Computer software and/or graphing calculator (TI-89/92/200) will be used for calculations and applications to dynamic systems.

- MAT-243 Discrete Mathematics 3/2**
A study of fundamental principles of discrete mathematics, with applications to computing. Topics such as sets, functions, relations, counting methods, graph theory, matrix theory, and number theory. An introduction to operation counts and algorithmic complexity. Computer software and/or graphing calculator (TI-89/92/200 preferred) is a required tool. Prerequisite: MAT-121 or MAT-131
- MAT-245 Mathematical Proofs 3/2**
A course in reading and constructing mathematical proofs. How to start proofs (direct proofs, proofs by cases, proofs by contrapostive, proofs by contradiction); proofs about sets, functions, numbers, inequalities, and equivalence relations; proofs by mathematical induction; understanding the theorems of calculus and linear algebra; and preparing to do proofs in Modern Algebra and Real Analysis. Prerequisite: MAT-241 or MAT-243 (*This course serves as a writing intensive course for the mathematics major.*)
- MAT-252 Computer Statistics 3/6**
Probability simulations and statistical procedures on graphing calculators and computer statistics programs: random sampling, normal and binomial probability distributions, descriptive statistics and graphs, linear regression and/or ANOVA. Graphing calculator required. Computer software and/or graphing calculator (TI-89/92/200 preferred) is a required tool. Prerequisite: MAT-132.
- MAT-312 Elementary Math Methods 4/1**
The course integrates elementary and middle school mathematics education and basic geometry content, methods and technology. Emphasis is on pedagogy, concepts and relationships, problem solving, reasoning, communicating and connecting ideas in elementary school mathematics. Prospective teachers implement a mathematics curriculum that models NCTM curriculum teaching and evaluation standards and principles. They plan, implement and evaluate units and lessons in applied arithmetic, pre-geometry and pre-algebra. Concepts are taught through applications with manipulatives, multimedia technologies, calculators and computers. Students will apply methods (such as diagnosis and instruction) through a tutoring experience with elementary aged children. Prerequisites: Math competency, EDU-230, acceptance into Teacher Ed. Program
- MAT-333 Real Analysis 3/4**
Construction of the Real Number Field, its properties, proofs and consequences; Infinite sequences and series; continuous and differentiable functions and otherwise; Riemann integrals. Computer software and/or graphing calculator (TI-89/92/200 preferred) is a required tool. Prerequisite: MAT-132.
- MAT-341 Modern Algebra 3/4**
Groups, rings, and fields and their substructures with examples from transformation groups, matrix rings, and number fields. Computer software and/or graphing calculator (TI-89/92/200 preferred) is a required tool. Prerequisites: MAT-241 and MAT-245.
- MAT-380 Internship in Mathematical Sciences 1-6/6**
An individualized assignment arranged with an agency, business or other organization to provide guided practical experience in a mathematical sciences related career/ministry activity. Prerequisites: Junior standing and approval by division chair.
- MAT-400 Capstone Seminar: Geometry & The History of Mathematics 3/4**
Models and proofs in Euclidean and non-Euclidean geometry from an advanced standpoint. The language and logic of geometry for representing and solving visual problems; points, lines, angles, circles, perimeter, area, 3-D figures, transformations, congruence, and similarity. Emphasis on communicating mathematical arguments with dynamic geometry tools. Internet manipulative and computer explorations appropriate for e-learning in the secondary classroom. Advanced project topics from motion, transformational, topological, projective, conic, axiomatic, differential, discrete, synthetic, hyperbolic, coordinate, finite, fractal, elliptic and spherical geometries. Computer software and/or a TI-92/200 graphing calculator required. Prerequisites: MAT-241 and MAT-245, or permission.
- MAT-470 Readings in Mathematical Sciences 1-6/6**
Readings in specific mathematical sciences or mathematics education topics in areas of student need and interest. Required periodic reports with related discussions, labs, or creative/classroom activities. Prerequisites: Dependent upon topic selection. Permission of research advisor and instructor. May be repeated.
- MAT-471 Secondary Mathematics Education 3+lab/2**
Prospective teachers implement a secondary mathematics curriculum that models NCTM curriculum, teaching, and evaluation standards. They plan, implement, and evaluate a unit and lessons in algebra, geometry, functions, probability and statistics, trigonometry, precalculus and discrete mathematics. Explorations with manipulatives, computers, multimedia technologies, Internet, BASIC, calculator programming; statistics, graphing, and drawing tools. Computer software and/or a TI-92/200 graphing calculator is a required tool. Prerequisites: Completed MAT-132, 151, 241, 243.
- MAT-480 Advanced Topics in Mathematical Sciences 1-3/6**
Selected topics in mathematical modeling, set theory, number theory; topology, complex variables; differential geometry, set theory, number theory; topology, complex variables; differential geometry, modern geometries; abstract linear algebra, advanced matrix algebra, vector analysis, numerical analysis, graph theory, combinatorics, computer programming. Advanced project topics in physics may be selected from Fourier series, transform calculus, partial differential equations, boundary value problems, complex variables, and vector calculus. Prerequisite: Permission of instructor. Designed for mathematical sciences majors' current needs and for students planning graduate study in the physical sciences or applied mathematics. May be repeated.
- MAT-490 Independent Study 1-3/1**
An opportunity to perform independent study/research/creative activity in the various branches of mathematical sciences and allied fields of application. Prerequisites: Major in mathematical sciences; permission of research advisor. Submission and approval of a research proposal must precede registration. May be repeated.

PHYSICS

- PHY-211** **General Physics I** **4/2**
An introduction survey of the basic concepts of mechanics, heat, sound, and wave motion. Appropriate for students in life sciences. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.** Prerequisite: MAT-121 or equivalent.
- PHY-212** **General Physics II** **4/2**
An introductory survey of the basic concepts of electricity, magnetism, light and modern physics. Appropriate for students in life sciences. Lecture and lab. **Lab fee applied.** Prerequisite: PHY 211 or equivalent.

SCIENCE

- SCI-201** **Integrated Science for Elementary Teachers** **3/1**
A college-level study and application of science concepts contained in the Michigan Grade Level Content Expectations for pre-service elementary teachers. Focus of the course will be on Science Process Skills, Physical Science, Life Science and Earth/Space Science, centering on the integration of these disciplines using inquiry-based learning, labs and field trips. **Lab fee applied.** Prerequisites: Have passed or concurrently enrolled in EDU-230 and a declared elementary education program.
- SCI-211** **Science of Music** **1/2**
This 1-credit laboratory course is designed to introduce students in the B.Music degree program to the methods and limitations of science as a means of inquiry in the context of music and sound. Topics include general wave phenomena such as propagation, Doppler shifts, interference and resonance; specific sound phenomena and applications; elementary acoustics; and numerous applications to music and musical instruments. This course satisfies the core lab science elective for B. Music students and serves as the required prerequisite course for them to register for SCI-311 Science in Culture. The course is simply an elective course for any other students. **Lab fee applied.** Prerequisite: Mathematics core competency.
- SCI-261** **Astronomy** **4/2**
A study of the distinctive qualities of the planets, their moons, the stars, and galaxies through laboratory exercises in observations and calculations. Lecture and lab. This course satisfies the core requirement for Lab Science. Prerequisite: Core requirement in mathematics. **Lab fee applied.**
- SCI-262** **Geology** **4/2**
A study of the materials and processes of the earth, leading to a responsible Christian appreciation for it and its use. Explores basic principles through a survey of the history of the ideas about the earth. Applies basic insights of chemistry, biology, physics, and mathematics to the solution of problems such as earthquakes, volcanic eruptions, floods, marine erosion, the nature and distribution of fossil fuels, metals, ground water, and other mineral resources. Studies man-imposed and natural boundaries to characterize geographic regions. Lecture and lab. This course satisfies the core requirement for Lab Science. **Lab fee applied.**
- SCI-263** **Atmosphere & Weather** **2/4**
This primarily on-line course is adapted from the American Meteorological Society *Online Weather Studies*. Students are led through the major aspects of atmospheric composition, weather production and parameters and forecasting models. Activities include direct observation, data collection and analysis. Special emphasis will be placed on how to communicate this information in the classroom. Does not satisfy lab core requirement.
- SCI-311** **Science In Culture** **3/1**
This course is a rigorous examination (based on a Christian philosophical worldview) of the nature of science and some of the major scientific ideas and issues affecting our culture. Prerequisites: Lab science course, math competency fulfilled, Junior or senior status.
- SCI-361** **Evolution & Origins** **3/2**
A scientific investigation of the feasibility of various origin theories with special emphasis on the creation vs. evolution debate. Explores the difference between origins science and operation science and analyzes the conflict in the Christian scientific community as well as the population at large. Prerequisites: BIO-111 or 4 credits from SCI, BIO, CHM or PHY courses.
- SCI-380** **Internship** **1- 6**
This course provides an opportunity to work in a supervised biological setting (e.g., DNR, nature center, public health agency). The experience must include opportunities to apply the theories and concepts learned in the discipline or to enhance biological science research skills.
- SCI-400** **Capstone Seminar: Integrated Science** **2/2**
This course is designed to serve as the culminating course of science content for the integrated science major and minor, just prior to the directed teaching semester. Using the major themes motif, each subject will be explored for the common and varied approaches to understanding its physical, biological and earth/space science content and interconnections. Philosophical underpinnings and ethical considerations will be stressed for each theme along with its outworking. Students will be responsible for developing their own set of alternative solutions for each problem encountered, discovering strategies for communicating integrated content in their classroom and devising techniques to stimulate their students to join the quest. Prerequisite: Junior or senior status.
- SCI-423** **Neuroscience** **3/4**
A special topics course which introduces workings of the brain and aspects of personality dealing with these at the level of the nerve cells and brain structures. Learned topics include: Perception, cognition, intelligence, the basis of emotional states, personality disorders and questions of guilt; progressive and degenerate diseases of the mind; nerve impulses and the synapses to understanding drug abuse and addictions; neural pathologies like speech disorders, attention deficit hyperactive disorder and the epilepsies; sensations, reflexes and movement control; brain waves, sleeping and arousal, awareness, consciousness and the soul, along with investigating the neural brain of gender differences. Prerequisite: BIO-151 or BIO-241 or PSY-441 or permission of instructor.

SCI-465	Secondary Science Methods	3/2
This course focuses on specific knowledge, skills, and attitudes that are demonstrated by effective science teachers in the secondary schools. Students will learn to design, organize, present, and evaluate the learning of science subject matter utilizing various instructional models and methods of teaching science.		
SCI-470	Readings in Science	1-3/1
SCI-480	Advanced Topics Seminar	3/6
SCI-490	Independent Study	1-3/1
SCI-495	Senior Research Project and Seminar	2/2
Independent laboratory and/or field research of an important scientific problem of interest to researcher and faculty mentor. Student will report findings of research before departmental faculty and science peers. Course fee applied. Prerequisites: senior status, majority of major field of study completed.		

AUSABLE INSTITUTE COURSES

The following courses are offered through the AuSable Trails Institute of Environmental Studies. See page 47 for further details.

ECO-301	Land Resources	4
Systems-level perspective on land forms and ecosystems. Includes analysis and interpretation of on-site data recorded in the field, remote-sensing data derived from satellite and low-altitude aerial imagery and geographic information systems (GIS). Field trips to and analysis of forests, bogs, marshes, dunes, and rivers. Includes application to policy and land use planning. Prerequisite: One year of introductory science.		
ECO-302	Lake Ecology & Management	4
Field study of lakes and streams with applications to planning and management. Includes an introduction to limnology and investigation of representative lakes and streams of the region. Prerequisites: One year of general biology and one year of general chemistry.		
ECO-303	Ecological Agriculture: Farms & Gardens for Sustainability	4
Environmental analysis and natural resources in relation to people and policy. The focus is on ethnobotany, ecological agriculture, and land stewardship. It employs a discussion format both in classroom and field settings. Its emphasis is grappling with difficult practical and ethical problems and issues that require deep and persistent thought.		
ECO-304	International Development & Environmental Sustainability	4
Global Development and Ecological Stewardship: Environmental analysis and natural resources in relation to society and development issues. The focus is on ecological sustainability and sustainable society in the context of the various factors that are bringing environmental degradation and impoverishment of people and cultures. It deals with topics of tropical agriculture, hunger, poverty, international debt, appropriate technology, relief programs, missionary earthkeeping, conservation of wild nature, land tenure, and land stewardship. It employs a discussion format both in classroom and field settings. Its emphasis is grappling with difficult practical and ethical problems and issues that require deep and persistent thought.		
ECO-305	Field Ecology of Birds	4
Biology, behavior, ecology and identification of birds. Work is primarily conducted in the field and covers the major habitats of northern lower Michigan, including wetlands, lakes, rivers, forests, dunes, and open field communities. Emphasis will be placed on identification of the spring bird fauna of northern lower Michigan by sight and by call. Prerequisite: One course in introductory biology or zoology.		
ECO-311	Field Botany	4
Field identification and ecology of vascular plants as components of natural communities in Michigan. Emphasis is placed upon on-site examination of plants in communities such as bog, dune, forest, marsh, meadow, and swamp. Plants difficult to study under field conditions are brought to the laboratory for microscopic examination and identification. Ecological features such as community stratification and plant zonation along ecological gradients are examined. Prerequisite: One year of general biology or one semester of botany.		
ECO-318	Marine Biology	
Marine Biology focuses on intertidal life and marine ecology in oceanic and geophysical contexts. Students study the biology of marine plants and animals in the field, specifically trophic dynamic relationships of eel grass communities and the intertidal zone, workings of the island systems of Puget Sound, ecological roles of sea birds and fishes, population and community structure dynamics, exploitation and oceanic microbialization and biogeochemical processes and their linkages with the biosphere. Marine stewardship and effects of human activity on the marine environment are integral to the course. Prerequisite: General biology or permission of professor.		
ECO-321	Animal Ecology	4
Interrelationships between animals and their biotic and physical environments emphasizing behavioral aspects. A field course that centers on the ecology of northern Michigan fauna from a stewardship perspective. Included are individual student projects. Prerequisite: one year of introductory science.		
ECO-322	Aquatic Biology	4
Ecology, identification, systematics, culture and care of aquatic plants and animals, and adaptations to freshwater environments. Aquatic life is studied in lakes, ponds, bogs, marshes, streams, and in the laboratory. The course assesses human impact on aquatic species and ecosystems, presents procedures for the stewardship of aquatic habitats, and introduces aquatic restoration ecology. Prerequisites: One year of general biology or one semester each of general zoology and general botany.		

- ECO-332 Environmental Chemistry 4**
Principles and analysis of chemical movement and distribution both natural and human-induced in natural environments. Sampling and analytical methods are included for water, soil, and air. Work is conducted both on site in natural habitats and the laboratory. Prerequisites: One year of general chemistry and one semester of either biochemistry or organic chemistry.
- ECO-343 Tropical Agriculture and Missions 4**
Marine Biology focuses on intertidal life and marine ecology in oceanic and geophysical contexts. Students study the biology of marine plants and animals in the field, specifically trophic dynamic relationships of eel grass communities and the intertidal zone, workings of the island systems of Puget Sound, ecological roles of sea birds and fishes, population and community structure dynamics, exploitation and oceanic microbialization and biogeochemical processes and their linkages with the biosphere. Marine stewardship and effects of human activity on the marine environment are integral to the course. Prerequisite: General biology or permission of professor.
- ECO-345 Wildlife Ecology 4**
Ecology, conservation and stewardship of wildlife species and their habitats. Includes growth and structure of natural and managed populations, environmental and human social factors affecting wildlife communities and wildlife conservation. The course is set in the context of the historical development of the field from management, to ecology, and to the land ethic of Leopold. Includes management and stewardship of non-game and endangered species, and long-term prospects of wildlife in changing environmental, climatic and social contexts. Prerequisite: One course in biology, or permission of professor.
- ECO-355 Watersheds in Global Development 4**
Principles of watershed ecology. Includes principles and practice of community-based water monitoring and watershed management for developing and developed countries and data access and analysis using an online relational database and data-to-action strategies. Designed for students in science and public policy, including students interested in missions and development and agencies involved in environmental assessment and community development. Prerequisite: One year of general biology.
- ECO-359 Marine Mammals 4**
Biology, behavior, ecology, identification and conservation of the marine mammals of the Pacific Rim. This study area covers some major habitats in Puget Sound and the Salish Sea, with attention to the diving physiology, social behavior, and communications of whales and seals. The course aims to develop a stewardship perspective rooted in biological principles and directed at the global conservation of marine mammals and their ecosystems. Special attention is given to their use by cultures of the region in order to understand current issues. Prerequisite: One year of general biology or one semester of zoology.
- ECO-360 Molecular Tools for the Field Biologist 4**
A field class introducing recent advances in molecular biology techniques, computation and storage for applied ecological work. The ability to utilize these techniques is becoming more and more important to scientists for addressing fundamental questions in biology. This course will expose you to a broad range of techniques and concepts in molecular biology and phylogenetics. Emphasis is placed on the strengths and limitations of each method and its application to a wide range of organisms, including plants, animals and microorganisms. It will provide a foundation for molecular applications to issues of environmental stewardship. Prerequisites: Two years of biology, one year of chemistry.
- ECO-361 Natural History in Spring 4**
Springtime plants and animals, their field identification, field biology, behavior and landscape context with a focus on spring flora, amphibia, and birds.
- ECO-362 Environmental Applications for Geographic Information Systems 4**
Introduction to the theory and application of spatial analysis for environmental conservation and planning using geographic information systems (GIS) technology in the context of real world conservation problems.
- ECO-390 Directed Individual Study**
Field or laboratory study of a problem selected by the student in consultation with a professor, and presented as a written proposal in advance of the session in which the study is to be conducted. Normally, problems are outgrowths of previous coursework with a given professor at Au Sable. Prerequisite: A study proposal including goals and objectives, methods, protocols for evaluation; to be signed by the professor and program director.
- ECO-427 Ecology of the Indian Tropics 4**
Tropical ecology of South India, including an introduction to and comparative analysis of coastal ecosystems, the plains, and montane tropical ecosystems of the Western Ghats including altitudinal zonation. The course will be taught on-site at a variety of ecosystem preserves and national parks. If suitable arrangements can be made, a number of ecosystems will be studied on the Andaman Islands. Topics include tropical ecosystem structure and function, adaptations of flora and fauna, biodiversity surveys, past and present human interactions with the landscape, and autecology of selected plant and animal species. Prerequisites: Upper division standing and at least one ecology course (preferably completed at AuSable).
- ECO-452 Environmental Health: An Ecological Perspective**
Introduction to the fundamentals of environmental health, with an introduction to environmental epidemiology and environmental medicine. Environmental pollutants and their sources, effects of environmental pollution on the environment and public health research agencies, environmental epidemiology, environmental medicine, and environmental stewardship are included. Field trips and lab assignments complement the materials covered in lectures. Open to all students with preference given to pre-medical students and students exploring a career in environmental health and public health. Prerequisites: Two years of biology and one year of chemistry.

- ECO-471 Conservation Biology 4**
Principles of conservation biology with applications to sustainable human society and biospheric integrity. An integrative approach to biology and society that interrelates population biology, ecological principles, biogeochemical cycles, ecosystem functions, and human society in the context of biospheric degradation. The course develops a stewardship perspective rooted in biological principles and directed at conservation of plant and animal species, biotic communities, ecosystems, and human society. Included are topics of human development, poverty, and economic growth. Prerequisites: One year in biology and one course in ecology, or permission of professor.
- ECO-478 Alpine Ecology 4**
Ecology of the mountains of the Pacific Northwest, with particular attention to adaptation of plant and animal life to montane climates and altitudes, and analysis and interpretation of altitudinal zonation of biotic communities with applications to latitudinal biogeography. Also included are topics of physiological responses of organisms to reduced oxygen levels, low temperatures and high altitude radiation regimes. Field work includes on-site studies in the Olympic Mountains of the Olympic Peninsula.
- ECO-482 Restoration Ecology 4**
Ecological foundations and techniques for ecosystem and biotic community restoration. This course applies ecological principles and environmental ethics to redeeming and restoring degraded and damaged ecosystems and endangered species. Field studies include analysis of restoration and rehabilitation work with the Kirtland Warbler, an officially designated wild river, coastal dunes, kettlehole bogs, old growth forest, deforested lands, degraded residential and farming sites, and abandoned oil wells. A practical field laboratory is included in which techniques are applied to a specific site.
- ECO-490 Research Methods I 4**
This course is designed to prepare natural science majors to conduct scientific field research. It introduces students to experimental design and statistics relevant, scientifically testable question or a hypothesis. Students, in conjunction with a research mentor, prepare a research proposal and initiate an investigation. Prerequisites: Third year status, previous AuSable course and research interest.
- ECO-491 Research Methods II 1**
This course follows Research Methods I with an exploration of data analysis, report writing and presentation and poster preparation. Prerequisite: Research Methods I.
- ECO-499 Directed Independent Research 4**
Field or laboratory study of a problem selected by the student in consultation with a professor and presented as a written proposal in advance of the session in which the study is to be conducted. Normally, problems are outgrowths of previous coursework with a given professor. Prerequisite: permission of professor.
- ECO-990 Post-Baccalaureate Directed Study**

MUSIC

DIVISION



Michael Stockdale, DipRCM
Division Chair

The Music Division is a dynamic team of expert faculty devoted to preparing students to influence their culture as skilled music professionals. The faculty remains active in their respective fields bringing real-world experience directly to the classroom. Musical diversity makes our division an exciting and challenging place to learn.

We exist to prepare students for professional and vocational life as educators, performers and worship leaders. Our programs are designed to give students a solid musical and theoretical foundation through discipline, skill acquisition, character development and a strong work ethic. We aspire to educate skilled music professionals who value music as reflecting the beauty and order of God's creation.

The Music Division offers Bachelor of Arts (B. A.) and Bachelor of Music (B.Mus.) degrees with emphases in Contemporary Christian Music, Music Education and Worship Arts. In each major, students will develop the knowledge and skill in a variety of musical styles and traditions. In addition, each music major participates in large and small ensembles, and have the opportunity to participate in one of the division's three touring groups: Credo (vocal ensemble), CU Brass (Quintet) and Red Letter Edition (CCM Ensemble).

DEGREES

Bachelor of Arts (B.A.)
Bachelor of Music (B. Mus.)

MAJORS

Music (B.A.)
Music: Worship Arts (B.A.)
Music Education (B. Mus.)
Performance (B. Mus.)
Performance: Contemporary Christian Music (B.Mus.)

MINORS

Music (B.A.)

Cornerstone University is accredited by the National Association of Schools of Music (NASM)

FACULTY

Stockdale, Michael, Division Chair, Associate Professor of Music, Director of Contemporary Christian Music (2007); ARCM (1982) DipRCM (1983) Royal College of Music, London, England

Van Dessel, Joan, Associate Professor of Music, Director of Instrumental Studies (2007); B.M. (2001), Michigan State University; M.M. (2002), Guildhall School of Music & Drama, London, England; D.M. (2006), Florida State University

Van Dessel, Peter, Associate Professor of Music, Director of Keyboard Studies (1977); B.M. (1974), Houghton College; M.M. (1977), Temple University

Walters, Kent, Associate Professor of Music, Director of Choral Studies (2010); B.A. (1978), Calvin College; M.M. (1990), Michigan State University; D.W.S. (2002), Robert E. Webber Institute for Worship Studies

CRITERIA FOR GRADUATION AS A DIVISION MAJOR

See the Academic Information section under Graduation Requirements. Refer also to the Music Division Handbook.

Degree information for the Bachelor of Arts and Bachelor of Music degrees along with major and minor listings by division can be found in the catalog section entitled Degree Information.

PROGRAM INFORMATION & REQUIREMENTS

ACCEPTANCE AS A MAJOR INTO THE MUSIC PROGRAM

All prospective students must pass an audition for admission as a major into any music degree program. Students wishing to minor in music are not required to complete the audition process. Students must complete the audition at their first fall semester jury in December of their freshman year. On the basis of the audition, the music division will either accept or deny the student admission into the program. In some instances, students may be accepted on a probationary basis. If a student is not accepted into the program, that student has two additional opportunities to re-audition and may continue to enroll in music major courses. Transfer students who enter in the spring semester must complete the process at the end of their first semester.

MUSIC DIVISION SCHOLARSHIPS

Prospective students who wish to be considered for a Music Division Scholarship must audition in the spring prior to starting classes at Cornerstone University. Prospective students must complete the online application for scholarship consideration. Specific information regarding the application form, audition dates, required repertoire and other guidelines can be obtained on the music division portion of the Cornerstone University website, or by calling the music division at 616.222.1545. The scholarship audition will also be used to determine acceptance into the music program.

REQUIREMENTS FOR CONTINUATION AS A MUSIC MAJOR

Music Division Handbook – The Music Division publishes a handbook setting forth requirements and policies in addition to those stated in the catalog. The handbook is considered an extension of the Cornerstone University Academic Catalog.

Minimum Grades – Music Majors must pass all music courses in their prescribed degree program with a “C-” or better.

Large ensembles – All music majors must register for a large ensemble every semester through their junior year (6 semesters). Music performance and music education majors must register for an additional semester in their senior year (7 semesters). Those students with a concentration in instrumental music are required to participate in Symphonic Winds (MUP-X21). Those students with a concentration in voice are required to participate in University Chorale (MUP-X01) or Chancel Singers (MUP-X11). Keyboard and guitar majors may choose either a vocal or instrumental large ensemble. Music scholarship recipients must register for their large ensemble every semester.

Applied Lessons – All students enrolled in music major degree programs must register for applied lessons every semester. Exceptions to this are limited to music education majors who are completing their student teaching requirement and students who are not enrolled full time.

Juries – All students enrolled in any applied lessons (MUA-XXX) must perform a jury before the music faculty each semester. The jury is the final exam for applied lessons and provides a record of student performance progress. A jury is not required in a semester in which the student performs a recital.

Music Convocation – All music majors must register for Music Convocation (MUS-099) every semester through their junior year (6 semesters). Music education and performance majors including CCM must register for an additional semester in their senior year (7 semesters). All students enrolled in music major degree programs must perform on at least once in a convocation recital or studio class every semester they are enrolled.

Piano Proficiency Requirement – All students enrolled in music major degree programs must pass a piano proficiency exam as part of their degree requirements. Students whose primary performance area is piano satisfy this requirement through their applied piano lessons and jury exams. All other students should enroll in Class Piano I-II (MUS -143, 144) to prepare the following exam components. Students must complete both levels of class piano courses until the exam is passed. If further preparation is required, students must enroll in applied piano lessons. Students entering the music program with a minimum of two years’ experience may opt to take the exam without enrolling in classes, subject to the approval of the Director of

Keyboard Studies.

1. Technique:

1. Scales: All major and harmonic minor scales, hands together, with correct fingering, two octaves in quarter notes, minimum tempo: Quarter note = 100.
2. Arpeggios: All major and minor arpeggios, hands together, with correct fingering, two octaves in quarter notes, minimum tempo: Quarter note = 80.

2. Repertoire:

1. (CCM/Worship Arts) One easy classical piece chosen from the Baroque, Classic, Romantic or Twentieth Century periods; also one contemporary song from a lead sheet or chord chart using standard pop keyboard voicings and appropriate stylistic gestures.
2. (all other majors) Two easy classical pieces chosen from the Baroque, Classic, Romantic or Twentieth Century periods.

3. Sight-Reading:

1. Students must play at sight an easy contemporary song from a lead sheet or chord chart.
2. Students must harmonize at sight a simple melody with no chords provided.

4. Four-part Chordal Texture:

1. Students will prepare in advance on short piece (e.g., a hymn).

Sophomore Evaluation – All students enrolled in music major degree programs must successfully complete a sophomore evaluation. This assessment is administered during the fourth semester of the major, and includes the following: 1) a full-faculty judged performance, 2) a brief interview, 3) an essay, and 4) fulfillment of specified academic requirements. Please refer to the Music Division Handbook for complete details.

Recitals – All students enrolled in music major degree programs must complete recital requirements as prescribed by the specific degree program.

BACHELOR OF ARTS MAJORS & MINORS

The music major within the B.A. degree is designed for those students wishing to combine music with some other discipline (e.g., music and business) or wishing to pursue private applied teaching at the elementary through intermediate levels.

General Education Core for the B.A. degree, as well as Minor concentrations, are listed in the Degree Information section (see page 56).

MUSIC MAJOR

Required Courses	Credit Hours
MUA-XXX Applied Major	8
MUP-X01, X11, X21 Large Ensemble (Chancel Singers, Chorale, Symphonic Winds)	6
MUP-131, 141, 151 Small Ensemble	2
MUS-099 Music Convocation (Pass 6 semesters)	0
MUS-113, 114, 213 Aural Perception I, II, III	3
MUS-117, 118, 217 Music Theory & Analysis I, II, III	9
MUS-171 Introduction to Music Technology	3
MUS-221, 222, 225 Music History, Literature and Form I, II, III	9
MUS-251 Basic Conducting	3
MUS-380 Internship	3
MUS-440 Senior Recital	0
MUS-441 Capstone Seminar: Senior Recital Project	1
Music Hours	47
General Education Core Hours	46
Minor Hours	18-21
Elective Hours	15-18
Total	129

MUSIC (WORSHIP ARTS) MAJOR

Required Courses	Credit Hours
CMI-221 Learning, Liturgy and Technology	3
CMI-252 Interpersonal & Intrapersonal Relationships	3
CMI-334 Spiritual Formation	3
MDS-262 Live Sound with Lab	4
MDA-281 Audio Production II	3
MUA-XXX Applied Major (8 semesters)	8
MUP-X01, X11, X21 Large Ensemble (Chancel Singers, Chorale or Symphonic Winds)	6
MUP-141, 171 Contemporary Ensemble or Worship Ensemble	2
MUS-099 Music Convocation (pass 3 semesters)	0
MUS-113, 114, 213 Aural Perception I, II, III	3
MUS-117, 118, 217 Music Theory & Analysis I, II, III	9
MUS-171 Introduction to Music Technology	3
MUS-221, 222, 225 Music History, Literature and Form I, II, III	9
MUS-251 Basic Conducting	3
MUS-334 Music & Worship	3
MUS-337 Church Music, Methods & Materials	3
MUS-380 Internship	3
MUS-440 Senior Recital	0
MUS-441 Capstone Seminar: Senior Recital Project	1
REL-33X Biblical Literature Course	3
REL-43X Bible Analysis Course	3
<i>One of the following:</i>	3
REL-357 Old Testament History & Theology	
REL-358 New Testament History & Theology	
<i>Choose 6 credits from the following:</i>	6
COM-241 Introduction to Oral Interpretation	
COM-322 Advanced Public Speaking	
MDA-121 Introduction to Electronic Media	
MDA-319 Mass Media Literacy	
MDA-271 Video Production I	
MDA-352 Faith, Film and Culture	
Total	84
General Education Core Hours	46
Complete Degree Total	130

MUSIC MINOR

Required Courses	Credit Hours
MUA-XXX Applied Music (4 semesters)	4
MUP-X01, X11 or X21 Large Ensemble (Chancel Singers, Chorale, Symphonic Winds)	4
MUS-113, 114 Aural Perception I, II	2
MUS-117, 118 Music Theory & Analysis I, II	6
MUS-221, 222 or 225 Music History, Literature and Form I, II, III	3
MUP/MUS-XXX Music Electives	3
Total	22

BACHELOR OF MUSIC MAJORS

The Bachelor of Music degree is designed for students seeking careers in areas associated with music performance, K-12 teaching and full-time Christian ministry, and for students who desire to continue their studies on the graduate level. Students may choose from the following majors: performance, performance (contemporary Christian music) and music education.

PERFORMANCE MAJOR

General Education Core requirements for the B.Mus. are listed in the Degree Information section (see page 54).

Required Courses	Credit Hours
MUA-XXX Applied Major	16
MUA-XXX Applied Minor	4
MUP-X01, X11 or X21 Large Ensemble (Chancel Singers, Chorale, Symphonic Winds)	8
MUP-131, 141, 151 Small Ensemble	2
MUS-099 Music Convocation (Pass 7 semesters)	0
MUS-113, 114, 213, 214 Aural Perception I, II, III, IV	4
MUS-117, 118, 217, 218 Music Theory & Analysis I, II, III, IV	12
MUS-171 Introduction to Music Technology	3
MUS-221, 222, 225 Music History, Literature and Form I, II, III	9
MUS-251 Basic Conducting	3
MUS-314 Orchestration and Arranging	3
MUS-317 Keyboard Harmony	2
MUS-340 Junior Recital	0
MUS-380 Internship	3
MUS-432 Pedagogy (reflecting applied major)	2
MUS-440 Senior Recital	0
MUS-441 Capstone Seminar: Senior Recital Project	1
MUS-XXX Music Electives*	6
Music Hours	78
General Ed. Core Hours	40
Elective Hours	11
Total Hours	129

*MUS-253 Diction I and MUS-255 Diction II replace music electives for vocal majors only.

PERFORMANCE (CONTEMPORARY CHRISTIAN MUSIC) MAJOR

General Education Core requirements for the B.Mus. are listed in the Degree Information section (see page 54).

Required Courses	Credit Hours
MDA-281 Audio Production II	3
MUA-XXX Applied Major	16
MUA-XXX Applied Minor	4
MUP-X41 Contemporary Ensemble	4
MUP-X01, X11 or X21 Large Ensemble (Chancel Singers, Chorale, Symphonic Winds)	6
MUS-099 Music Convocation (Pass 7 semesters)	0
MUS-113, 114, 213, 214 Aural Perception I, II, III, IV	4
MUS-117, 118, 217, 218 Music Theory & Analysis I, II, III, IV	12
MUS-171 Introduction to Music Technology	3
MUS-221, 222, 225 Music History, Literature and Form I, II, III	9
MUS-251 Basic Conducting	3
MUS-314 Orchestration and Arranging	3
MUS-315 Songwriting	2
MUS-317 Keyboard Harmony	2
MUS-334 Music and Worship	3
MUS-340 Junior Recital	0
MUS-371 Sequencing	2
MUS-380 Internship	3
MUS-432 Pedagogy (reflecting applied major)	2
MUS-440 Senior Recital	0
MUS-441 Capstone Seminar: Senior Recital Project	1
MUS-460 Music Business	3
Music Hours	85
General Ed. Core Hours	40
Elective Hours*	4
Total Hours	129

*MUS-253 Diction I and MUS-255 Diction II replace elective hours for vocal majors only.

MUSIC EDUCATION MAJOR

General Education Core requirements for the B.Mus. are listed in the Degree Information section (see page 54).

Required Courses		Credit Hours
MUA-XXX	Applied Major	8
MUP-X01, X11, X21	Large Ensemble (Chancel Singers, Chorale, Symphonic Winds)	7
MUP-X31, X41, X51	Small Ensemble	2
MUS-099	Music Convocation (Pass 6 semesters)	0
MUS-113, 114, 213, 214	Aural Perception I, II, III, IV	4
MUS-117, 118, 217, 218	Music Theory & Analysis I, II, III, IV	12
MUS-171	Introduction to Music Technology	3
MUS-221, 222, 225	Music History, Literature and Form I, II, III	9
MUS-251	Basic Conducting	3
MUS-314	Orchestration and Arranging	3
MUS-317	Keyboard Harmony	2
MUS-326	Non-Western Music	2
MUS-382	Music Teacher Assistant Practicum	1
MUS-440	Senior Recital	0
MUS-441	Capstone Seminar: Senior Recital Project	1
MUS-450	Music Methods: Middle and High School	3
MUS-457	Music Methods: Elementary School	2
Instrumental Emphasis		
MUS-161	Vocal Fundamentals	1
MUS-291	Brass Methods	1
MUS-292	Woodwind Methods	1
MUS-293	Percussion Methods	1
MUS-294	String Methods	1
MUS-353	Advanced Conducting: Instrumental	3
Vocal Emphasis		
MUS-165	Guitar Fundamentals	1
MUS-253	Diction I	2
MUS-255	Diction II	2
MUS-352	Advanced Conducting: Choral	3
Total		70
Professional Education and Other Required Courses		
EDU-230	Principles and Philosophy of Education	3
EDU-231	School Observation Practicum	1
EDU-344	Content Area Literacy	3
EDU-363	Diverse Populations/Differentiated Instruction	3
EDU-381	Educational Psychology	3
EDU-430	Capstone Seminar: Directed Teaching	3
EDU-491	K-12 Music Directed Teaching Practicum	9
PSY-232	Developmental Psychology	3
Education Hours		28
General Core Hours		37
Total		135

COURSE DESCRIPTIONS

DEPARTMENT AND LEVEL/COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

MUA-XXX	Applied Lessons	1-2/1
Foundational to the development of skills in a performance area, weekly one-half hour or hour private lessons are available to all students on many orchestral instruments, piano, organ, guitar, percussion, and voice.		
MUP-X01	University Chorale	1/1
This select choral ensemble is dedicated to the performance of outstanding choral literature, providing singers with a number of exciting opportunities. Focusing on public performance as a means of worship and Christian service, the Chorale performs a broad spectrum of choral literature including a cappella motets, large-scale works for chorus and orchestra, spirituals and contemporary compositions. Auditions for the Chorale are held at the beginning of each fall semester.		
MUP-X11	Chancel Singers	1/1
A large choral ensemble emphasizing the performance of a variety of choral literature for the joy of singing, the development of the singer, and the inspiration of audiences. The choir prepares for seasonal concerts, ministry in Chapel and on campus, as well as occasional concerts in the community. Membership is open to all students without audition.		
MUP-X21	Symphonic Winds and Chamber Winds	1/1
A select group of woodwind, brass and percussion players committed to the quality performance of outstanding wind ensemble and concert band literature. Each semester the Symphonic Winds and Chamber Winds perform formal concerts consisting of standard and contemporary masterworks. At the beginning of each fall term, a weekend retreat is held off-campus to foster musical growth and camaraderie among its members. Membership by audition only.		
MUP-X41	Contemporary Ensembles	1/1
Small ensembles comprised of drums, bass, keyboard, guitars and vocalists. Contemporary Ensembles perform a variety of musical styles drawn from the broad umbrella of popular music. The groups explore various ensemble textures, the development of charts and arrangements, microphone techniques, lead and background vocals, improvisation and listening skills. The university's touring group "Red Letter Edition" performs throughout the community. Membership by audition only. Concurrent enrollment: MUA course in appropriate performance area.		
MUP-X51	Small Ensembles	1/1
A variety of ensembles provide an opportunity to study and play representative standard chamber literature. Opportunities include woodwind quintet, brass quintet (CU Brass), percussion ensemble, string ensemble, opera workshop and vocal ensemble (Credo). CU Brass and Credo are university touring groups that perform throughout the community. Some ensembles require an audition. Concurrent enrollment: MUA course in appropriate performance area.		
MUP-X61	Pep Band	1/1
A highly energetic ensemble comprised of winds, bass and drums. Pep Band serves to enhance the atmosphere at Cornerstone University men's and women's basketball games, by performing rock, funk, jazz and traditional pep band cheers. Membership is open to all students.		
MUP-X71	Worship Ensemble	1/1
A small ensemble comprised of drums, bass, keyboard, guitars and vocalists. Through this ensemble, students will prepare and minister music for congregational singing. Students will not only develop related musical skills, but also ministry skills such as calls to worship, scripture reading and public prayer. Primarily serving in the university chapels, the group may also perform off campus. Membership by audition only.		
MUS-099	Music Convocation	0/1
A regular forum for student performance. Music Convocation is an extension of the applied lesson including recitals, studio classes, concert attendance and guest lectures designed to enhance and enrich students' music education. Required of all music majors.		
MUS-113	Aural Perception I	1/2
Parallels the course work in Music Theory I to match the student's aural skills with their theoretical skills. Equips the student with the skills needed to sight-sing basic tonal melodies using solfege, to notate melodies, rhythms, and harmonies, and aurally identify scales, intervals, triads and simple harmonic progressions. Concurrent enrollment: MUS-117		
MUS-114	Aural Perception II	1/2
A continuation of Aural Perception I. The student's skills are expanded to include the ability to notate and identify basic chord progressions and cadences utilizing triads in all inversions. Sight-singing and dictation skills are further developed. Prerequisites: MUS-113, 117. Concurrent enrollment: MUS-118.		
MUS-117	Music Theory & Analysis I	3/2
An introduction to music theory, providing fundamental skills in the development of the student as musician. Components include music notation writing skills, identifying and notating scales, key signatures, intervals, chords, and rhythms, chords using inversion symbols and figured bass as well as pop notation, utilizing basic principles of voice leading for triads, harmonic analysis of excerpts and smaller works. Concurrent enrollment: MUS-113		
MUS-118	Music Theory & Analysis II	3/2
A continuation of Music Theory I. Expansion on previous materials, including cadences and other basic structural units such as phrases and periods, harmonic analysis of more complex progressions and larger classical and popular works, non-chord tones, development of four-part writing including all diatonic triads and seventh chords. Introduction to eighteenth-century counterpoint, as well as the fundamental components of musical form. Prerequisites: MUS 113, MUS 117. Concurrent enrollment: MUS-114.		

- MUS-143 Class Piano I 1/2**
The first of two piano courses designed to prepare students for the level of playing necessary to pass the piano proficiency exam required of all music majors. Orientation to the keyboard, including basic technique, rhythm, tone conception, articulation and fingering. Major and minor pentachord patterns, sight reading, transposition, simple I-V harmonization, basic repertoire.
- MUS-144 Class Piano II 1/1**
Continuation of MUS-143, including pedaling and phrasing, major scales, I-IV-V progressions and harmonization/transposition with simple accompaniment patterns. Introduction to playing by ear and improvisation. Appropriate sight reading and solo repertoire.
- MUS-161 Vocal Fundamentals 1/4**
An introductory study and application of basic vocal technique including physiology of singing, respiration, phonation, resonance, registers, diction, interpretation, and communication. Both classical and contemporary vocal techniques are utilized. Some individual instruction provided using standard song repertoire.
- MUS-165 Guitar Fundamentals 1/4**
An introductory study and application of basic guitar techniques including scales, standard chord voicing and inversions, finger-style techniques, tone production and rhythmic accompaniment. Both classical and contemporary guitar styles are incorporated. Some individual instruction provided using standard guitar repertoire.
- MUS-171 Introduction To Music Technology 3/2**
A survey course designed to provide hands-on exposure to a broad spectrum of topics related to music technology. Students learn fundamentals of synthesis, MIDI, analog and digital audio, scoring (using Finale and Sibelius), computer-assisted music education, and computer-based accompaniment packages (i.e. SmartMusic).
- MUS-213 Aural Perception III 1/2**
A continuation of Aural Perception II. The aural identification of all seventh-chords, more complex rhythmic patterns, and an intense concentration on sight-singing and melodic and harmonic dictation. Prerequisites: MUS-114, 118. Concurrent enrollment: MUS-217.
- MUS-214 Aural Perception IV 1/2**
A continuation of Aural Perception III. The aural identification of modes, secondary dominants, Neapolitans and augmented sixth chords in both melodic and harmonic contexts. Sight-singing melodies using chromaticism. Prerequisites: MUS-213, 217. Concurrent enrollment: MUS 218.
- MUS-217 Music Theory & Analysis III 3/2**
A continuation of Music Theory II. Secondary dominants, modulations, chromatic harmonies (including Neapolitan and augmented sixth chords), counterpoint, and binary and ternary formal structures are introduced and examined. Emphasis is placed on compositional techniques, analysis, and part writing. Prerequisites: MUS-114, 118. Concurrent enrollment: MUS-213.
- MUS-218 Music Theory & Analysis IV 3/2**
A continuation of Music Theory III. Larger forms, including theme and variations, sonata, and rondo, are introduced and examined. Late Romantic and twentieth-century techniques, including non-Western scales and harmonic structures, atonality and basic set theory, and serial techniques are introduced and examined. Emphasis is placed on compositional techniques, analysis, and part writing. Prerequisites: MUS-213, 217. Concurrent enrollment: MUS-214.
- MUS-221 Music History, Literature and Form I 3/2**
A study of the development of Western music from earliest record through the Baroque period (1750). Representative composers, works, and forms are examined. Emphasis is placed upon historical and cultural context, aesthetic attitudes, musical philosophies, trends in theory and composition, and developments in form and style. (Fulfills major writing intensive requirement.)
- MUS-222 Music History, Literature and Form II 3/2**
A study of the development of Western music from early Classic through the Romantic period. Representative composers, works, and forms are examined. Emphasis is placed upon historical and cultural context, aesthetic attitudes, musical philosophies, trends in theory and composition, and developments in form and style. (Fulfills major writing intensive requirement.)
- MUS-225 Music History, Literature and Form III 3/2**
A study of the development of Western music from the twentieth century to the present time. Also includes contemporary popular forms such as Jazz and Rock and Roll. Representative composers, works, and forms are examined. Emphasis is placed upon historical and cultural context, aesthetic attitudes, musical philosophies, trends in theory and composition, and developments in form and style. (Fulfills major writing intensive requirement.)
- MUS-251 Basic Conducting 3/2**
A one-semester course covering the fundamental skills required for leading ensembles in performance. It is a multi-dimensional course encompassing the physical skills (baton technique, symmetrical and asymmetrical patterns, cueing, subdivisions, fermatas, releases, expressive gestures, non-verbal communication, hand independence, etc.), aural skills (internalization, error detection, aural imaging, intonation deficiencies, etc.), and theoretical skills (score reading, transposition, terminology, score analysis and preparation, rehearsal technique, leadership, etc.) of conducting. Prerequisites: MUS-114, 118.
- MUS-253 Diction I 2/4**
An introduction to the rules of pronunciation for singing Latin, Italian and German languages. As a part of learning proper pronunciation, students will develop proficiency in their use of the International Phonetic Alphabet through reading, writing and speaking phonetically transcribed song and aria texts.

MUS-254	Music For Elementary Classroom Teachers	3/1
Knowledge base, appreciation, and pedagogy for music instruction in the self-contained classroom. Course includes introduction to basic elements of music: rhythm, melody, texture, timbre, dynamics and form; historic development of western and non-western music; movement; the developing singing voice; classroom instruments; listening experiences; series books and curriculum. Required for the Elementary Education program and the planned program minor. Prerequisite: EDU-230 or permission of the instructor.		
MUS-255	Diction II	2/4
An introduction to the rules of pronunciation for singing in the French and English languages. As a part of learning proper pronunciation, students will develop proficiency in their use of the International Phonetic Alphabet through reading, writing and speaking phonetically transcribed song and aria texts.		
MUS-280	Topics in Music	1/3
An investigation of a musical topic chosen by the instructor in conjunction with student demand.		
MUS-291	Brass Methods	1/4
Study in the technical aspects of embouchure, tone production, hand position, fingering, articulation and playing of the trumpet, horn, euphonium, trombone and tuba. Emphasis is on teaching methods and materials to prepare students for teaching these instrumental privately or in the schools.		
MUS-292	Woodwinds Methods	1/4
Study in the technical aspects of embouchure, tone production, hand position, fingering, articulation and playing of the flute, oboe, clarinet, bassoon, and saxophone. Emphasis is on teaching methods and materials to prepare students for teaching these instrumental privately or in the schools.		
MUS-293	Percussion Methods	1/4
Study in the technical aspects of playing the snare drum, timpani, keyboard mallet instruments, drumset, marching percussion, and other percussion accessory instruments. Emphasis is on teaching methods and materials to prepare students for teaching these instrumental privately or in the schools.		
MUS-294	String Methods	1/4
Study in the technical aspects of tone production, manual dexterity, fingering, and bowing of the violin, cello and double bass. Emphasis is on teaching methods and materials to prepare students for teaching these instrumental privately or in the schools.		
MUS-314	Orchestration and Arranging	3/4
A study of the art of orchestration and arranging for a variety of ensembles, including the full orchestra, concert band, rock band, jazz ensemble and smaller chamber groups. Includes a detailed examination of all of the major instrument groups and their typical uses in both classical and popular/contemporary musical genres. Prerequisites: MUS-213, 217		
MUS-315	Songwriting	2/4
Students examine the art of songwriting in a variety of popular music styles. Class work involves analysis of popular song melodies and lyrics, study of lyric writing and organization, hooks, form and melodic structure and creation of song demos. Students are required to compose at least four songs over the course of the semester in a variety of styles. Students are able to hear their songs performed in periodic "seminar" type sessions and have the opportunity to have their work recorded by students in other music technology courses. Prerequisites: MUS-171, 213, 217, or permission of instructor.		
MUS-317	Keyboard Harmony	2/2
Application of harmony to the keyboard, includes scales, modes, diatonic triad and seventh chord harmonizations, cadential formulas, secondary dominants, additional chromatic harmonies, modulations and enharmonic resolutions. Prerequisites: MUS-213, 217, passed proficiency.		
MUS-326	Non-Western Music	2/4
A survey of the traditional music from the world's non-Western cultures and the various methods of ethnomusicological research. The student acquires objective listening skills through the study of the traditional music of China, Japan, Southeast Asia, India, and the Arabic countries as well as other cultures such as American Indian, Australian Aborigine, African, and Micronesian. These skills are used to develop the understanding that music, like any art form, is a cultural expression of the society that produced it. Prerequisite: junior status		
MUS-334	Music And Worship	3/4
Students will develop a philosophy of worship and aesthetics through a historical survey of the development of music and worship in the church and a theological survey of music and worship throughout scripture. Students will then apply their philosophy practically in the development of a public worship service that is musically, aesthetically and theologically consistent and coherent.		
MUS-337	Church Music, Methods and Materials	3/4
A practical study of current denominational music practices including traditional, contemporary and alternative; students explore current resources including repertoire, literature, audio, video and Web based. Students are required to design musical components of worship services for a variety of settings. Prerequisite: MUS-334		
MUS-340	Junior Recital	0/1
One-half hour recital required of performance majors.		
MUS-352	Advanced Conducting: Choral	3/4
A one-semester course advancing the fundamental skills learned in Basic Conducting with a focus on choral ensembles. In addition to the development of conducting skills (physical, aural and theoretical) and rehearsal techniques necessary for preparing choral ensembles for performance, student have practical opportunities to develop self-confidence and leadership skills within a laboratory setting. Prerequisite: MUS-251		

SOCIAL SCIENCE DIVISION



Brenda King, Ph.D.
Division Chair

The Division of Social Science advances the mission of Cornerstone University by equipping students to understand interpersonal relationships and social structures and preparing them to act redemptively within those relationships and structures. Students in the division develop skills in critical thinking, research methods, and communication which prepare them for advanced study and careers in psychology, counseling, family studies, social science, and social work. As such, they are better prepared to influence effectively the cultures of the world for Christ.

The psychology and sociology programs teach students to apply scientific methods to human behavior and society, and to understand them from a Christian worldview foundation. The family studies major is designed to offer students an in-depth exposure to interpersonal relationships as they relate primarily to the family. Course work is designed to provide a foundation of experience, knowledge and skills taught from a Christian perspective.

The social work major teaches students the knowledge, values, and skills necessary to work competently as entry level practitioners. Students engage in course work that helps them integrate their faith with social work practice. Their educational experience culminates in an intensive 440-hour field placement in a social service organization during their senior year.

DEGREES

Bachelor of Arts (B.A.)

MAJORS

Family Studies
Psychology
Social Work

MINORS

Family Studies
Psychology
Social Work
Sociology

FACULTY

King, Brenda T., (division chair) Professor of Sociology (1976); B.A. (1970), Wilson College; M.R.E. (1972), Grand Rapids Baptist Seminary; M.A. (1982), Western Michigan University; Ph.D. (2002), Western Michigan University

Carew, Nola, Assistant Professor of Social Work and Coordinator of Field Placement (2006); B.S.W. (1988), Grand Valley State University; M.S.W. (1992), Grand Valley State University; Ph.D. (cand.), Michigan State University.

da Silva, Sérgio P. Assistant Professor of Psychology (2012); B.A. (1982), Faculdades Metropolitanas Unidas; B.A. (1983), Biblical Seminary of São Paulo; M.A. (1996), University of São Paulo; Ph.D. (2006), Central Michigan University.

Ehnis, Daniel K., Professor of Psychology (1978); B.A. (1974), Cedarville College; M.S. (1978), Wright State University; Ed.D. (1986), Western Michigan University

Hughes, Martin D., Dean of Undergraduate Education and Associate Professor of Sociology (2012); B.A. (1993), Gordon College; MA (1996) Tufts University; Ph.D. (2006), University of Arizona.

McDonald, Nicole D., Professor of Psychology (1998); B.G.S. (1993), University of Michigan; M.A. (1995), Michigan State University; Ed.S. (1996), Michigan State University; Ph.D. (1999), Michigan State University

Sanders, Scott G., Associate Professor & Director of Social Work Program (2006); B.S. (1988), Eastern Michigan University; M.S.W. (1991), Grand Valley State University; Ph.D. (2006), University of Kentucky

CRITERIA FOR GRADUATION AS A DIVISION MAJOR

See the Academic Information section under Graduation Requirements. Students with a major in the Social Science Division must attain the 30th percentile on Senior Assessment exam to graduate. **Students must attend a mandatory reporting workshop to graduate.**

Degree information for the Bachelor of Arts degree along with major and minor listings by division can be found in the catalog section entitled Degree Information.

MAJORS & MINORS

PSYCHOLOGY AND FAMILY STUDIES PROGRAM MISSION STATEMENT

To prepare skilled Christian professionals to apply unchanging Biblical principles through supporting and encouraging the health and development of children, adults and families in a variety of workplace and ministry environments.

FAMILY STUDIES MAJOR

Students majoring in family studies will take a series of courses that provide them with a foundation for understanding the dynamics and issues related to marriage and family. This major specifically addresses the family life cycle, ranging from child development to gerontology and marital relationships to parenting. Course work is designed to offer students an in-depth exposure to contemporary family life based upon biblical truths, social-science research and clinical insights.

Students majoring in family studies must take PSY-111, General Psychology, to meet the Social Science requirement in the core.

Required Courses

	Credit Hours
FAM-211 Introduction to Relationships	3
FAM-332 Ecology of Family Interaction	3
FAM-380 Internship	3
FAM-400 Capstone Seminar: Family Studies	3
FAM-451 Marriage and Family Counseling	3
PSY-355 Integrated Statistics/Research I	3
PSY-356 Integrated Statistics/Research II	3
SOC-111 Introduction to Sociology	3
SOC-432 The Family	3
<i>One of the following:</i>	3
PSY-322 Theories of Personality	
PSY-353 Abnormal Psychology	
<i>Two of the following:</i>	6
PSY-237 Child Psychology	
PSY-238 Adolescent Psychology	
PSY-239 Adult Psychology	
SOC-441 Gerontology	
Total	36

CRITERIA FOR GRADUATION: Students must attain the 30th percentile on Senior Assessment exam to graduate. **Students must attend a mandatory reporting workshop to graduate.**

FAMILY STUDIES MINOR

Students minoring in Family Studies must take PSY-111 General Psychology to meet the Social Science requirement in the core.

Required Courses	Credit Hours
FAM-211 Introduction to Relationships	3
FAM-451 Marriage and Family Counseling	3
SOC-111 Introduction to Sociology	3
SOC-432 The Family	3
One of the following:	3
FAM-332 Ecology of Family Interaction	
FAM-346 Child Welfare	
SWK-441 Gerontology	
One of the following:	3
PSY-237 Child Psychology	
PSY-238 Adolescent Psychology	
PSY-239 Adult Psychology	
One of the following:	3
PSY-322 Theories of Personality	
PSY-353 Abnormal Psychology	
Total	21

PSYCHOLOGY MAJOR (Bachelor of Arts)

Required Courses	Credit Hours
PSY-111 General Psychology	3
One of the following:	3
PSY-237 Child Psychology	
PSY-238 Adolescent Psychology	
PSY-239 Adult Psychology	
PSY-380 Internship	3
One of the following:	3
PSY-322 Theories of Personality	
PSY-343 Psychology of Learning	
PSY-353 Abnormal Psychology	
PSY-421 Theories of Counseling	
PSY-422 Systems of Psychology	3
PSY-441 Physiological Psychology	3
PSY-355 Integrated Statistics/Research I	3
PSY-356 Integrated Statistics/Research II	3
PSY-400 Capstone Seminar: Psychology	3
Upper Level Electives in Psychology	3
Total	30

CRITERIA FOR GRADUATION: *Students must attain the 30th percentile on Senior Assessment exam to graduate. Students must attend a mandatory reporting workshop to graduate.*

PSYCHOLOGY MINOR

Required Courses	Credit Hours
PSY-111 General Psychology	3
PSY-441 Physiological Psychology	3
One of the following:	3
PSY-237 Child Psychology	
PSY-238 Adolescent Psychology	
PSY-239 Adult Psychology	
One of the following:	3
PSY-322 Theories of Personality	
PSY-353 Abnormal Psychology	
Upper Level Electives in Psychology	6
Total	18

PSYCHOLOGY MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
PSY-111 General Psychology	3
PSY-343 Psychology of Learning (Prerequisite: PSY-111)	3
PSY-353 Abnormal Psychology (Prerequisite: PSY-111)	3
PSY-355 Integrated Statistics/Research I	3
PSY-356 Integrated Statistics/Research II	3
One of the following:	3
PSY-322 Theories of Personality (Prerequisite: PSY-111)	
PSY-351 Social Psychology (Prerequisite: PSY-111 or SOC-111)	
Electives in Psychology	3
Total	21

PSYCHOLOGY MAJOR FOUR YEAR PROGRAM ILLUSTRATION

FRESHMAN YEAR

COM-112	Communication In Culture	3
ENG-212	Writing In Culture	3
IDS-101	Creativity, Innovation & Problem Solving	2
KIN-100	Total Fitness and Wellness	2
IDS-103/104	.....
	Christian Foundations I/II	2
PHI-211	Philosophy In Culture.....	3
PSY-111	General Psychology	3
PSY-237	Child Psychology	3
REL-104	Old Testament Literature & History	3
SCI-XXX	Biology or Physical Science lab.....	4
KIN-1XX	Activities Course.....	1
Total Freshman Year	.....	29

SOPHOMORE YEAR

HIS-114	World Civilization II	3
HUM-311	Imagination in Culture.....	3
PSY-343	Psychology of Learning.....	3
REL-204	New Testament Literature.....	3
	Major, minor or core courses	21
Total Sophomore Year	.....	33

JUNIOR YEAR

PSY-422	Systems of Psychology	3
PSY-355	Integrated Statistics I/Research I	3
REL-352	Christian Beliefs and History	3
SCI-311	Science In Culture.....	3
	Major, minor or core courses	18
PSY-356	Integrated Statistics II/Research II	3
Total Junior Year	.....	33

SENIOR YEAR

PSY-380	Internship	3
PSY-400	Capstone Seminar: Psychology	3
PSY-441	Physiological Psychology	3
	Major, minor or core courses	20
Total Senior Year	.....	29

SOCIAL WORK MAJOR *(Bachelor of Arts) (No minor required)*

The Social Work Program at Cornerstone University is accredited with the Council on Social Work Education.

PROGRAM MISSION

We exist to empower students, as followers of Jesus, to become professional entry-level social workers able to competently and ethically work with diverse populations in local and global settings.

PROGRAM GOALS

Students graduating from Cornerstone's Social Work Program will:

1. **Demonstrate** mastery of core competencies necessary for both competent entry-level generalist social work practice and advanced graduate social work education. These competencies include:
 - Identifying as a **professional** and conducting oneself accordingly
 - Acting in accordance with the **values** of the social work profession
 - Applying **critical thinking** to inform professional judgements
 - Understanding and engaging with **diverse** populations
 - Advancing **human rights** and **social justice**
 - Utilizing and engaging in **research** to inform practice
 - Applying knowledge of **human behavior in the social environment**
 - Engaging in **policy** practice to advance social and economic justice
 - Responding to the **contexts** that shape practice
 - Applying the **generalist problem solving model** in a variety of settings with individuals, families, groups, communities and organizations
2. **Integrate** their **Christian worldview** confidently with social work practice in a **global** context.

ADMISSION TO THE PROGRAM

Students who choose to major in social work must make formal application to the social work program. Applications should be submitted to the social work program director anytime after taking SWK-111, Introduction to Social Work. Students must be admitted to the program before registering for the spring semester of their junior year. Students must meet the following criteria for acceptance into the program:

- Students must have a cumulative G.P.A. of 2.0 or above.
- Students must earn and maintain a 2.5 average or greater in social work and cognate courses taken. Social Work majors receiving a C- or less in any Social Work course will be required to take that course over in order to graduate.
- Students must complete a written application which includes a statement describing the student's interests, goals, strengths, areas of improvement and commitment to the profession.
- Three reference forms must accompany the application. These will include one from a non-relative, a faculty member outside the social work department and at least one from an employment or volunteer experience related to the field.
- Once the application and references are received, the student must schedule and complete an entrance interview with the social work faculty.

Applicants will be notified of their acceptance within a week of completion of the application process. Applicants who are not accepted to the program will be advised as to an alternate field of study. Students may reapply to the program upon written documentation that previous deficiencies were corrected.

A grievance or appeal to the chair of the Social Science Division should be made in writing. Students will receive a response to their appeal or grievance within two weeks.

The Social Work Program reserves the right to request a student to withdraw from the Social Work Program if academic performance, ethical or professional behavior or emotional or physical health indicates that the student may not successfully complete the program or jeopardize the well-being of clients served.

General Education Core: Requirements for the Bachelor of Arts degree are listed in the Degree Information section (see page 53).

GENERAL EDUCATION CORE EXCEPTIONS

Required Courses	Credit Hours
<i>One of the following*</i>	4
BIO-151 General Biology.....	
BIO-241 Anatomy and Physiology I.....	
BIO-242 Anatomy and Physiology II.....	
PSY-111 General Psychology**.....	3
Total General Education Core	44-55

*Fulfills lab science
 **Fulfills social science

REQUIRED SOCIAL WORK COURSES (No Minor Required)

Required Courses	Credit Hours
ECN-231 Macroeconomics.....	3
PSY-355 Integrated Statistics/Research I.....	3
PSY-356 Integrated Statistics/Research II.....	3
SOC-111 Introduction to Sociology.....	3
SOC-243 Social Problems.....	3
SSC-211 American Government.....	3
Upper Level Elective in SWK, PSY or FAM.....	3
SWK-111 Introduction to Social Work.....	3
SWK-221 Human Behavior in the Social Environment I.....	3
SWK-222 Human Behavior in the Social Environment II.....	3
SWK-311 Social Welfare Policy.....	3
SWK-331 Social Work Practice I: Individuals and Families.....	3
SWK-332 Social Work Practice II: Groups.....	3
SWK-333 Social Work Practice III: Communities and Organizations.....	3
SWK-411 Ethical Decision Making in Social Work.....	3
SWK-417 Human Diversity.....	3
SWK-450 Field Practicum I.....	5
SWK-451 Field Practicum Seminar I.....	1
SWK-460 Field Practicum II.....	5
SWK-461 Field Practicum Seminar II.....	1
SWK-462 Capstone Seminar: Social Work.....	3
Total	63

CRITERIA FOR GRADUATION: *Students must attain the 30th percentile on Senior Assessment exam to graduate. Students must attend a mandatory reporting workshop to graduate. A signature assignment is primary evidence of proficiency in a particular social work competency and social work students are required to retain both their completed assignment and graded rubric for inclusion in their social work portfolio. The completed portfolio is a requirement for successful completion of SWK-461 Practicum Seminar. Students must schedule and complete an exit interview with the social work faculty during the last semester of their senior year.*

SOCIAL WORK MINOR

Required Courses	Credit Hours
SOC-243 Social Problems.....	3
SWK-111 Introduction to Social Work.....	3
SWK-221 Human Behavior in the Social Environment I.....	3
SWK-222 Human Behavior in the Social Environment II.....	3
SWK-311 Social Welfare Policy.....	3
SWK-417 Human Diversity.....	3
Total	18

Child Welfare Certificate

The Social Work Program is approved by the State of Michigan to offer a Child Welfare Certificate. Those interested in working with children and families may be interested in pursuing this. To be eligible students must complete the requirements for the social work major and complete the following courses:

SWK-346 Child Welfare.....	3
SWK, PSY, or FAM elective approved by SWK faculty.....	3

Additionally, students must complete 440 hours of field work (SWK-450 and 460) in an approved state child welfare agency. Note: placements in an approved child welfare agency may be limited and/or placement is ultimately at the discretion of the Field Coordinator. Social Work majors interested in obtaining the Child Welfare Certificate should consult with their respective social work advisor.

SOCIOLOGY MINOR

Required Courses	Credit Hours
SOC-111 Introduction to Sociology.....	3
SOC-243 Social Problems.....	3
SOC-353 Social Psychology (Prerequisites: PSY-111 or SOC-111).....	3
SOC-432 The Family.....	3
Electives in Sociology.....	6
Total	18

COURSE DESCRIPTIONS

DEPARTMENT AND LEVEL/COURSE NAME

CREDITS/FREQUENCY
(See page 59 for codes)

FAMILY STUDIES

FAM-211 Introduction to Relationships 3/2

This course studies the formation, maintenance and termination of relationships before marriage. Issues such as self in relationship, family background, gender and personality differences are examined in friendships, dating and marriage. An emphasis will be placed on establishing healthy communication patterns, resolving conflict and setting realistic expectations to enhance long-lasting relationships.

FAM-280 Special Topics

FAM-332 The Ecology of the Family 3/2

This study focuses on relationships and interactions within the family, as well as relationships between the family and multiple contexts including the church, society and culture. Utilizing a developmental contextualist perspective, students will explore such topics as adoption, interracial families, divorce and step-families, educational reform and the rights of the child. Prerequisite: FAM-211

FAM-346 Child Welfare (SWK-346) 3/4

The examination of the philosophy of child welfare as a specific field in human services and a comprehensive overview of the programs, legislative provisions, policies, and services which comprise child welfare institutions. This course emphasizes the importance of culture and diversity as a major force in the delivery of child services. Prerequisite: PSY-111 or SOC-111

FAM-380 Internship 1-6/4

FAM-400 Capstone Seminar: Family Studies (PSY-400) 3/2

This required capstone course provides senior Family Studies majors the opportunity to explore and critically discuss seminal research in Family Studies, the integration of Family Studies and the Christian worldview, ethical responsibilities of family practitioners, and current trends in research and practice. Attention will also be given to preparation for graduate school and professional employment. Prerequisite: Senior standing. [Students will prepare a comprehensive portfolio and discuss key issues related to interviewing and applying for jobs and graduate school admission. Each senior seminar group will also work collaboratively in a service learning project to emphasize the importance of ministry and outreach in the psychological profession. Prerequisite: FAM or PSY-355/356

FAM-451 Marriage and Family Counseling 3/2

This course provides an overview of the fields of premarital, marital and family counseling. Students are introduced to the unique contributions of the major theoretical approaches, with the intent to help the beginning counselor to develop basic skills necessary for clinical work. Prerequisite: FAM-211

FAM-480 Advanced Topics

PSYCHOLOGY

PSY-111 General Psychology 3/1

A basic introduction to psychology covering influential people, concepts, theories and methods. Topics include development, personality, perception, learning, biopsychology, psychological disorders, and treatment.

PSY-232 Developmental Psychology K-12 3/2

A study of human behavior from preschool age through the high school years. Included is an examination of the physical, intellectual and psychosocial changes and their implications for the educational system. This cannot be used in a Psychology major or minor if Child Psychology and/or Adolescent Psychology are used.

PSY-237 Child Psychology 3/2

Encompasses all aspects of the development of human behavior from birth to adolescence. Physical characteristics and psychological concepts learning, memory, motivation, perception, personality, thinking are examined from the standpoint of how they develop and change during the years of childhood. Prerequisite: PSY-111. Course fee: \$50.00

PSY-238 Adolescent Psychology 3/2

A thorough exploration of developmental changes in the physical, cognitive, social and emotional dimensions of adolescence. Special attention is given to the dynamic influence of family, peer, school, work, and cultural contexts of adolescent development. Prerequisite: PSY-111. Course fee: \$50.00

PSY-239 Adult Psychology 3/2

An in-depth study of the psychological problems and development of the person from young adulthood through senescence. Prerequisite: PSY-111.

PSY-280 Special Topics

PSY-322 Theories of Personality 3/2

Addresses major theories with respect to the dynamics, structure, and development of personality. Prerequisite: PSY-111.

PSY-343 Psychology of Learning 3/2

What engages and motivates human learners? Which factors contribute to an effective learning process? How does one's context affect learning and growth? This course seeks to answer these questions while examining human learning across the lifespan and in various contexts, using developmental and sociocultural frameworks. Students will discuss and apply key learning theories

and concepts to case studies and practical real-world scenarios. Emphasis will be on enhancing one's metacognitive awareness and understanding of one's own learning style and learning experiences as a basis for continued growth and development. Students in this course will have ample opportunity to think about and reflect on one's own learning, as well as to observe and interact with other learners. Prerequisite: PSY-111 or consent of instructor.

PSY-346 Child Welfare (SWK-346) 3/4

The examination of the philosophy of child welfare as a specific field in human services and a comprehensive overview of the programs, legislative provisions, policies, and services which comprise child welfare institutions. This course emphasizes the importance of culture and diversity as a major force in the delivery of child services. Prerequisite: PSY-111 or SOC-111

PSY-351 Social Psychology 3/2

An examination of how individual behavior is shaped by the situation in which the behavior is emitted. This course addresses the impact of one's physical and social environment upon behavior. Behavior is broadly defined and includes cognitive processing, attitudes, decision-making, and prosocial and deviant actions. Prerequisite: PSY-111 or SOC-111.

PSY-353 Abnormal Psychology 3/2

This course examines the major categories of psychopathology, including anxiety disorders, affective disorders, schizophrenia, personality disorders, and organic syndromes, with emphases placed on the symptoms and causes of the disorders and therapeutic methods used to treat them. Prerequisite: PSY-111.

PSY-355/356 Integrated Statistics/Research I & II 6/2

Designed to equip students with basic statistical knowledge and research skills, this course focuses on applications of these skills and competencies within the helping professions. Attention will be given to helping students become more skilled consumers of empirical research literature. In addition to lectures on basic statistical and research concepts, students will work in research teams to apply this knowledge in the context of a series of lab projects and comprehensive research project. The first semester will cover writing a research proposal, securing CU-IRB approval, basic quantitative and qualitative research design, research ethics, and survey/protocol development. In the second semester, students will gather empirical data, conduct SPSS data analysis, and prepare written and oral research reports. Students will be encouraged to seek conference presentation and/or publication of their original work. Note: This 6-credit course must be taken in sequence during consecutive semesters. Students who fail PSY-355 will not be allowed to advance to PSY-356 and must retake PSY-355. Prerequisites: Math core, junior or senior standing.

PSY-362 Sport and Exercise Psychology 3/2

This course is designed to acquaint students in psychology and kinesiology with basic interventions to enhance athletic performance and promote the physical and mental health of athletic and general populations alike. This course also examines the social psychology and psychobiology of sport and exercise.

PSY-380 Internship 1-6/1

Each psychology major will complete a minimum of 120 hours in an approved internship setting, under the supervision of a qualified professional. Students will work with both faculty and field supervisors to develop and work toward learning objectives relevant to the psychology disciplines and to their chosen career path.

PSY-400 Capstone Seminar: Psychology 3/2

This required capstone seminar provides senior psychology majors the opportunity to explore and critically discuss seminal research in psychology, the integration of psychology and the Christian worldview, ethical responsibilities of psychologists, and current trends in research and practice. Attention will also be given to preparation for graduate school and professional employment. Students will prepare a comprehensive portfolio and discuss key issues related to interviewing and applying for jobs and graduate school admission. Each senior seminar group will also work collaboratively in a service learning project to emphasize the importance of ministry and outreach in the psychological profession. Prerequisites: FAM or PSY-355/356 and senior standing.

PSY-421 Theories of Counseling 3/2

This course offers an overview of current approaches to psychological counseling, including psychodynamic, person centered, behavior, cognitive and reality therapy. Major Christian approaches to counseling are also examined with emphasis on theory and practical application. Prerequisite: PSY-111.

PSY-422 History and Systems of Psychology 3/2

An advanced study of the philosophical, socio-cultural and historical foundations of psychology, presenting the people, ideas, and influences that have contributed to the modern-day science and practice of psychology. Prerequisite: PSY-111.

PSY-441 Physiological Psychology 3/2

An exploration of the complex interplay between physiological structures/processes and human behavior. Focus topics include biopsychological development, the neurological basis of psychological disorders, visual-spatial and auditory processing, motor function, language, memory, learning and emotion. Emphasis will be given to gaining a basic understanding of neurological disorders. Prerequisites: PSY-111 and junior or senior standing.

PSY-443 Play Therapy 3/J-term/Summer

This experiential learning seminar investigates the historical development, theoretical grounding, empirical research, and practical techniques of play therapy with children, adolescents, adults, families and groups. Emphasis is given to exposing students to a broad range of specific therapeutic techniques with various populations. Creative therapies including art therapy, bibliotherapy, and music therapy will also be addressed. Prerequisite: PSY-111 or PSY-232 OR instructor approval. Course fee: \$60.00

PSY-444	Art Therapy	3/J-term/Summer
This advanced psychology seminar examines the history, theory, individuals and techniques within the realm of art therapy. This course strongly emphasizes experiential learning, with each student engaging actively in a variety of creative art-based projects and activities. This seminar is designed both to enhance academic knowledge, as well as to encourage personal growth and development. Prerequisite: PSY-111, PSY-232 or instructor approval. Course fee: \$60.00		
PSY-470	Readings in Psychology	1-3
PSY-480	Advanced Topics Seminar (Cross-Cultural Psychology)	3/6
PSY-490	Independent Study	1/3

SOCIAL WORK

SWK-111	Introduction to Social Work	3/1
An introduction to the history of social work as a profession from its Judeo-Christian origins to current trends and influences. An overview of professional social work education including an introduction to social work values and ethics, generalist practice theory, social welfare policy, populations at-risk, social work roles and various practice settings.		
SWK-221	Human Behavior in the Social Environment I	3/2
The study of theories and knowledge of human behavior and bio-psycho-social-spiritual development from birth to young adulthood. Application of social systems theory in the analysis of the interactions between human behavior and social environmental structures. Attention is given to the role of culture, race, ethnicity, social class, gender and sexual orientation in human development and behavior. Prerequisites: PSY-111, SOC-111, SWK-111, BIO-151 or BIO-241 or BIO-242.		
SWK-222	Human Behavior in the Social Environment II	3/2
The study of theories and knowledge of human behavior and bio-psycho-social-spiritual development from middle to late adulthood. Application of social systems theory in the analysis of the interactions between human behavior and social environmental structures. Attention is given to the role of culture, ethnicity, social class, race, gender and sexual orientation in human development and behavior. Prerequisite: SWK-221.		
SWK-280	Special Topics	
SWK-311	Social Welfare Policy	3/2
A survey and analysis of the political, social, cultural and economic forces that influence the development of welfare policies in the United States. The impact of these policies on various populations at risk (including but not limited to those distinguished by age, ethnicity, culture, class, religion and physical or mental ability) is examined. Students develop and articulate their own perspectives on social welfare and the implications for generalist social work practice. Prerequisites: SWK-111, SOC-243, SSC-211 and ECN-231.		
SWK-331	Social Work Practice I: Individuals and Families	3/2
Direct practice skills essential for the generalist social worker. Interviewing and assessment skills, case management, crisis intervention, ethical decision making methods are applied to case situations. Students are introduced to the generalist Intervention Model with considerations for practice with diverse and vulnerable client populations. Prerequisites: SWK-111, corequisite: SWK-221, admission to the SWK Program, junior standing.		
SWK-332	Social Work Practice II: Groups	3/2
This course builds on the first practice course emphasizing social work practice with individuals and families and provides greater focus on the application of generalist practice knowledge, values, and skills in service delivery to groups. Students review the origins of group work as a social work intervention method; stages of group development; and the group dynamics likely present during those stages. Additionally, students study and practice techniques for the implementation and facilitation of various types of groups at varying stages. This also includes discussion of knowledge and skills related to effective group work with diverse client populations. Prerequisites: SWK-331, admission to the SWK Program.		
SWK-333	Social Work Practice III: Communities & Organizations	3/2
Indirect practice and intervention skills essential for the generalist social worker: community organization and development, social planning, social action and social administration. Focuses on the interplay between the individual and the macro environment and viewed from the perspective of the direct service provider seeking resources for vulnerable or oppressed client populations. Prerequisites: SWK-332, admission to the SWK Program.		
SWK-344	Substance Abuse (SOC-344)	3/2
The impact of substances including alcohol, marijuana, and cocaine upon individuals, families, and communities is studied. The causes, scope, policy issues, and methods of preventing chemical dependence are investigated. Places emphasis upon developing assessment and treatment skills. Prerequisites: PSY-111 or SOC-111, junior standing.		
SWK-346	Child Welfare (SOC-346, FAM-346, PSY-346)	3/4
The examination of the philosophy of child welfare as a specific field in human services and a comprehensive overview of the programs, legislative provisions, policies, and services which comprise child welfare institutions. This course emphasizes the importance of culture and diversity as a major force in the delivery of child services. Prerequisites: PSY-111 or SOC-111		
SWK-411	Ethical Decision Making in Social Work	3/2
This course provides a more in-depth analysis of the Social Work Code of Ethics and overviews frameworks for ethical decision-making. The emphasis is on improving students' ability to more readily identify ethical problems and thoughtfully work through these issues through the use of case studies. Prerequisites: Junior or senior standing and PHI-211.		

SWK-417 Human Diversity (SOC-417) 3/2
Comparative study of ethnic and racial minorities. This course explores the history of majority-minority relationships, the current status of minorities and subcultural differences. Students learn the importance of appreciating subcultural differences and the implications of those differences for multicultural practice settings. Prerequisites: SOC-111, SOC-243.

SWK-441 Gerontology (SOC-441) 3/4
An interdisciplinary approach to the study of aging. This course provides a comprehensive view of the physiological, social and psychological dimensions of the aging process. Prerequisite: SOC-111.

SWK-450 Field Practicum I 5/2
Students are placed in a community agency (minimum of 220 hours) under the supervision of a professional social worker. Opportunities are provided to integrate the knowledge, values, and skills of generalist practice in the field setting with client systems that may include: individuals, families, small groups, organizations and communities. Emphasis is on the enhancement and well being of diverse and vulnerable populations and working towards the amelioration of environmental conditions that affect people adversely. Prerequisites: Admission to the SWK Program and faculty approval, must have completed , or be enrolled in all required SWK courses, and must be taken concurrently with SWK-451, must have senior standing.

SWK-451 Field Practicum Seminar I 1/2
A seminar, held on campus, in which students may share practicum experiences, integrate theoretical knowledge, consider ethical and value issues, and practice mutual support and supervision. Emphasis is on the understanding of oneself in the helping role and developing cultural sensitivity in working with diverse individuals, families, groups, and communities. Note: Must have completed, or be enrolled in all required SWK courses and must be taken concurrently with SWK-450.

SWK-460 Field Practicum II 5/2
Students are placed in a community agency (minimum of 220 hours) under the supervision of a professional social worker. Opportunities are provided to integrate the knowledge, values, and skills of generalist practice in the field setting with client systems that may include: individuals, families, small groups, organizations and communities. Emphasis is on the enhancement and well being of diverse and vulnerable populations and working towards the amelioration of environmental conditions that affect people adversely. Prerequisites: Admission to the SWK Program and faculty approval, must have completed, or be enrolled in all required SWK courses, or enrolled concurrently, and must be taken concurrently with SWK-461, must have senior standing.

SWK-461 Field Practicum Seminar II 1/2
A seminar, held on campus, in which students may share practicum experiences, integrate theoretical knowledge, consider ethical and value issues, and practice mutual support and supervision. Emphasis is on the understanding of oneself in the helping role and developing cultural sensitivity in working with diverse individuals, families, groups, and communities. Note: Must have completed, or be enrolled in all required SWK courses and must be taken concurrently with SWK-460.

SWK-462 Capstone Seminar: Social Work 3/2
This course serves as the capstone to the Social Work Program. Its primary emphasis is on professional development through the use of a problem based learning approach. Through case studies, research and presentations, students demonstrate learning applicable to competent generalist social work practice. Additionally, content related to Christian worldview and social work practice is infused throughout the full semester in order to encourage professional development.

SWK-480 Advanced Topics 3/6
An elective course on a selected topic related to social work generalist practice. May include current issues or trends, special populations or advanced practice skills. Prerequisites: Junior or senior standing.

SWK-490 Independent Study 1-3/1
An elective course requiring student research and a written report on a specific area of interest related to social work practice. The topic is selected by the student with final approval and supervision by Social Work faculty. Prerequisite: Faculty approval.

SOCIOLOGY

SOC-111 Introduction to Sociology 3/1
Introduction to the general field of sociology. This course includes an overview of several subfields of sociology. Basic theoretical perspectives of sociology are used to provide an explanation of basic institutions and social processes.

SOC-243 Social Problems 3/2
The study of social problems that are institutional in nature and of policies implemented to alleviate the problems. The course includes a discussion of causes, consequences, and intervention strategies used by private and governmental agencies. Prerequisite: SOC-111.

SOC-280 Special Topics

SOC-344 Substance Abuse (SWK-344) 3/2
The impact of substances including alcohol, marijuana, and cocaine upon individuals, families, and communities is studied. The causes, scope, policy issues, and methods of preventing chemical dependence are investigated. Places emphasis upon developing assessment and treatment skills. Prerequisites: PSY-111 or SOC-111 and junior standing.

SOC-346 Child Welfare (SWK-346) 3/4
The examination of the philosophy of child welfare as a specific field in human services and a comprehensive overview of the programs, legislative provisions, policies, and services which comprise child welfare institutions. This course emphasizes the importance of culture and diversity as a major force in the delivery of child services. Prerequisite: PSY-111 or SOC-111

SOC-351	Sociology of Small Groups (COM-321)	3/2
A study of general and specific group communication theories and their relationship to communication in a variety of settings. Topics include group formation, cohesiveness, groupthink, norms, leadership, decision making and conflict. Students become better leaders and participants through a variety of experiential learning opportunities. Prerequisite: SOC-111.		
SOC-352	Inter-Cultural Communication (COM-311)	3/6
A study of the programs of oral and written communication in world areas where cultural or linguistic boundaries must be crossed. Prerequisite: SOC-111.		
SOC-353	Social Psychology	3/2
An examination of how individual behavior is shaped by the situation in which the behavior is emitted. This course addresses the impact of one's physical and social environment upon behavior. Behavior is broadly defined and includes cognitive processing, attitudes, decision-making, and prosocial and deviant actions. Prerequisite: PSY-111 or SOC-111.		
SOC-380	Internship	1-6/1
Practical experience. Students apply the theories, concepts, or research skills learned in sociology. Internships can be performed in a social agency or another setting that affords students an opportunity to interface theory with practice. Examples of internships include work in social agencies or applied sociology (sociological research).		
SOC-417	Minorities (SWK-417)	3/2
Comparative study of ethnic and racial minorities. This course explores the history of majority-minority relationships, the current status of minorities, and subcultural differences. Students learn the importance of appreciating subcultural differences and the implications of those differences for multi-cultural settings. Prerequisites: SOC-111, SOC-243		
SOC-432	The Family	3/2
An examination of the institution of the family. Issues confronting the family, changes the family is undergoing, and the family life cycle are discussed. Prerequisite: SOC-111.		
SOC-441	Gerontology (SWK-441)	3/4
An interdisciplinary approach to the study of aging. This course provides a comprehensive view of the physiological, social, and psychological dimensions of the aging process. Prerequisite: SOC-111.		
SOC-470	Readings in Sociology	3/1
SOC-480	Advanced Topics Seminar	3/6
SOC-490	Independent Study	1-3/1

TEACHER EDUCATION DIVISION



Kerisa Myers, Ph.D.
*Division Chair, Director of
Teacher Education*

The Teacher Education Division advances the mission of Cornerstone University by preparing students to influence culture as highly qualified teachers in Public, Christian, and International schools. The program combines academically rigorous coursework in education and the liberal arts with practical teaching experience in general and special education at elementary and secondary schools. In addition, education students have the option of completing a portion of their directed teaching practicum as a cross-cultural experience in selected schools around the world.

Cornerstone University's Teacher Education program is accredited by North Central Association of Colleges and Schools and the Association of Christian Schools International. The program has candidate status with the Council for the Accreditation of Educator Preparation and holds exemplary classification from the Michigan Department of Education.

DEGREES

Associate of Arts (A.A.)
Bachelor of Arts (B.A.)

PROGRAMS

Early Childhood (General and Special Education)
Education
Elementary Education
Secondary Education
K-12 Music
K-12 Physical Education
K-12 Learning Disabilities
K-12 TESOL (Teaching English to Speakers of Other Languages)

FACULTY

Myers, Kerisa A., Division Chair, Associate Professor of Education (2009); B.A. (1985), Grand Rapids Baptist College; B.S. (1985), Calvin College; M.A. (1992), Western Michigan University; Ph.D. (2009), Western Michigan University

Burgess, Laurie, Assistant Professor of Education (2011); B.A. (1992), Calvin College; M.A. (2002), Grand Valley State University; Ph.D. candidate, Western Michigan University

England, Darla, Assistant Professor of Special Education, Director of Teacher Placement (2007); B.A. (1990) Michigan State University; M.Ed. (1997) Grand Valley State University; Ed.S. (2012), Grand Valley State University; Ph.D. candidate, Western Michigan University

Kronmeyer, Ronald J., Professor of Education (1998); B.A. (1965), Hope College; M.A. (1969), Ph.D. (1978), Kent State University

McAdams, Keith, Assistant Professor of Education (2003); B.A. (1987) Calvin College; M.Ed. (1999) Grand Valley State University

VanderKolk, Beth, Assistant Professor of Education (2013); B.A. (1988), Calvin College; M.A.Ed. (1995)

PROGRAM INFORMATION & REQUIREMENTS

ADMISSION TO THE TEACHER EDUCATION PROGRAM

Please see Teacher Education Office for current admission requirements.

Students must maintain the minimum academic (overall 2.7 G.P.A., major 2.7, and minor 2.3) and social standards required for admission during enrollment in the Teacher Education Program to be considered in good standing. Refer to the Teacher Education Program Probation Protocol in the Teacher Education Handbook and following this section regarding procedures for failure to maintain these standards. A minimum grade of "C-" is required in all courses with an EDU number, all methods courses, PSY-232, COM-112, KIN-147, MAT-312, MUS-254 and SCI-201. Assistance may be provided to students by their academic advisor, the teacher education faculty, the Learning Center and Career Services.

If circumstances warrant discontinuing a student from pursuing a Teacher Education degree and prior to their application into the program, this decision may be communicated to the student during either the conditional or professional status phases or prior to or during the student teacher practicum.

POST-BACCALAUREATE STUDENTS

Post-baccalaureate students with a degree from a regionally accredited institution who are returning to college for education certification programs must also meet current admission standards, have (and maintain) a G.P.A. of 2.7 on a 4.0 scale, earn a passing score on the MTTC Professional Readiness Examination required by the State of Michigan, obtain one faculty reference and complete a professional interview with the certification officer or division chairperson. The student must also pass the MTTC Subject Area Test in both the major and minor completed at another institution prior to acceptance into the education program. A minimum of 12 credit hours, taken at Cornerstone University and student teaching will be required. Students who have received a degree from a non-accredited institution must complete the requirements for a Bachelor's degree while completing the Teacher Education program.

DIRECTED TEACHING PRACTICUM

One year prior to the directed teaching semester, students must apply for admission to directed teaching (EDU-481, 482, 484, 486) (Application forms are available on the Eagle's Nest). Deadline dates for applications are the first Friday in October for the following fall semester and the first Friday in February for the following spring semester. A late fee will be required of students who do not submit all application components for student teaching by the required deadline for the appropriate semester. Placement for the Directed Teaching Practicum is restricted to a 50-mile radius of the university.

Students must be in good standing in the program, which includes a minimum 2.7 G.P.A. in major and overall, and a 2.3 in minor (triple minor - two content area minors = 2.7), must have completed all other requirements for graduation, and must have passed the Basic Skills Test and subject area test (see page 167-168 for further details of the Michigan Test for Teacher Certification as required by the State of Michigan). All course work must be completed prior to directed teaching. A minimum of "C-" is required in all courses with an EDU number, all methods courses, ENG-212, PSY-232, COM-112, KIN-147, MAT-312, MUS-254 and SCI-201.

As part of the application, students must be accepted for placement by their prospective cooperating teacher. Students will be asked specific questions required by the State of Michigan regarding felonies or misdemeanors and prior revocation of a teaching certificate at three points: time of application to the Teacher Education Program, prior to the directed teaching semester, and before recommendation for certification. If there is a positive response to a question, the university has the option of recommending or not recommending a student for certification based on the information given. In such cases, the decision of the State Board of Education is final. Failure to disclose such information to the university practicum supervisor may result in termination of the placement, failure of the practicum, and/or lack of Michigan certification. As a representative of Cornerstone University, each student is expected to adhere to professional dress, grooming, etiquette and conduct.

STUDENT TEACHING

1. A student must be admitted into the Teacher Education program and be in good academic standing to enroll and participate in methods courses and/or upper level EDU courses.
2. A student must turn in a completed program evaluation when applying for Directed Teaching internship. This process begins one full year before the scheduled term of student teaching. Application deadlines are posted outside of the Teacher Education offices. Students who turn in applications after the deadline will be charged a late fee.
3. Placement for the Directed Teaching Practicum is restricted to a 50-mile radius of the university.
4. A student must maintain the required minimum GPA in his/her major(s) (2.7), minor (2.3; triple minor students GPA requirement of 2.7 is based upon the two content area minors) and a cumulative GPA (2.7) for the student teacher placement coordinator to begin the PROCESS OF LOCATING, locate and solidify a teaching placement. If a student has a GPA that falls below that minimum requirements, he/she must withdraw from registering for student teaching until mandatory GPA requirements are reached.
5. Student teaching placements will be forfeited by any student that allows his/her GPA to drop below the minimum requirements at any time before the onset of the teaching internship. Students will then need to resubmit an application and begin the student teaching placement process over again from the start of the placement process.
6. Students on **“Teacher Education Program Probation”** may not initiate arrangements for student teaching placements with cooperating teachers and/or administrators and an internship placement cannot begin to be located during the student’s time on probation.
7. Students must have passed **AND HAVE RESULTS ON FILE IN THE TEACHER EDUCATION OFFICE FOR** the MTTC subject area test in their major(s) and minor(s) prior to the start of student teaching. Failure to pass any of the tests or have results submitted prior to the start of the internship will result in a delay in the student teaching process until the next term.

PLEASE NOTE: Students who have not demonstrated the qualities necessary for the teaching profession as well as a “readiness for student teaching,” may be asked to discontinue the student teaching and education programs.

ONLINE, CORRESPONDENCE COURSE, CLEP TEST POLICY & MTTC REQUIREMENTS

Policy

- Teacher Education students must have all online, correspondence courses and/or CLEP tests completed by the end of the term one year prior to their student-teaching term.
In other words, online, correspondence and/or CLEP tests are not permitted to be taken or completed the term directly prior to the student teaching term. Please note: The spring/summer semester will count as one term.
- All courses enrolled in the term prior to student teaching should be completed at Cornerstone University.

Note: Students will be required to submit a written proposal for outstanding courses one year prior to student teaching.

MTTC TESTS

Policy

- Teacher Education students **must take and pass** the MTTC subject area tests during the earliest testing date of their last term of coursework **prior** to student teaching.
- Secondary students must take and pass the subject area tests for their major and minor.
- **All elementary students** must take and pass their major and minor subject area tests as well as the Elementary MTTC test **PRIOR** to student teaching (**#103 test starting October 2013**). Triple minor students are required to take and pass the Elementary test in addition to the two content minor tests.

Note: Student Teaching placements will be delayed for failure to follow this timeline and/or failure PASS the MTTC major and minor subject area tests.

TO INCREASE POTENTIAL FOR PASSING THE TESTS, STUDENTS MAY ONLY TAKE ONE CERTIFICATION TEST PER DAY.

Registering for the MTTC:

Fall Student Teaching

If you are planning on student teaching during a fall semester, you should register to take the MTTC tests during the first available date (listed on the MTTC website) of the previous spring term.

Spring Student Teaching

If you are planning on student teaching during a spring semester, you should register to take the MTTC tests during the first available date (listed on the MTTC website) of the previous fall term.

Please visit the MTTC website (www.mttc.nesinc.com) for further information.

TEACHER EDUCATION PROGRAM PROBATION PROTOCOL

The division of Teacher Education is passionate about preparing our students to serve as highly qualified teachers. Therefore, it is vital that students pursuing a teaching degree establish high academic standards throughout their academic career.

Students applying for admittance into the Teacher Education program must possess the following minimum G.P.A. requirements:

- 2.7 Overall/Cumulative*

Teacher Education policy:

- 2.7 Major(s)
- 2.3 minor(s)
 - Triple minors: 2 content areas of the 3 minors must equal 2.7

**Note: Prior to the 2009-2010 catalog (see p. 185), previous G.P.A. requirements apply to this protocol (2.5 overall and major; 2.0 minors).*

**Institutional requirements for graduation are 2.5 overall and major; 2.0 minors, but the Teacher Education Department monitors their internal policy for practicum and program admission as stated above.*

Once a student has been admitted into the Teacher Education program, these minimum G.P.A.s must be maintained throughout the student's academic career. G.P.A.s will be checked at the end of each semester.

The following procedure will result if a student's overall and/or major G.P.A. drops below a 2.7 and/or the minor(s) drops below a 2.3.

1. The student and his or her academic advisor will be notified by letter and email of the status of his/her G.P.A.
2. The student must submit a written plan of improvement which includes specific actions/strategies to be implemented in order to raise his/her G.P.A.
 - a. A hard copy of the plan must be submitted to the Teacher Education office by the first day of the next academic semester.
 - b. A copy of the improvement plan will be kept in the student's file.
 - c. Failure to submit a plan of improvement may result in a meeting with the division chair.
3. The student will have one academic semester to re-establish the required G.P.A.
 - a. During that semester, the student will be placed on **"Teacher Education Program Probation"** within the Teacher Education division and the student will not be allowed to register for methods courses and/or upper level EDU courses.

"Teacher Education Program Probation" is a probationary period where a student is given the opportunity and supported in re-establishing academic success. Unless otherwise indicated, "Teacher Education Program Probation" is for a period of one semester.
4. The student must schedule and attend an appointment with his/her advisor to discuss his/her academic progress.
 - a. This appointment should take place around mid-term. Feedback by the division chair may be requested from the academic advisor concerning this meeting.
 - b. The Division Chair may schedule meetings in addition to those set by the advisor.
5. At the conclusion of the semester, the student's G.P.A. will be reviewed.
 - a. If the minimum G.P.A. requirements are re-established, the student will receive a letter indicating his/her removal from "Teacher Education Program Probation" and granted permission to register for upper-level EDU courses.
 - b. If the minimum G.P.A. requirements are not reached, but academic improvement has been demonstrated, the division chair may extend the student's **"Teacher Education Program Probation"** for one additional semester.
 - i. The student will receive a letter stating the extension of the **"Teacher Education Program Probation"** period.
 - i. Steps 2 through 4 will be applied.
 - ii. Optional: At mid-term, professors for each course may be asked to complete an *Academic Improvement Midterm Evaluation Form*.
 - c. If the minimum G.P.A. requirements are not reached and academic improvement has not been demonstrated, the student will no longer be eligible for participation in the Teacher Education Program. An Academic Program Denial letter will be sent to the student and the approval code for registering for education classes and the Teacher Education Program will be removed from the student's Datatel record.
 - d. Readmission to the Teacher Education Program is possible once a student has acquired and maintained the minimum G.P.A. requirements for two consecutive academic semesters. If the student does not have **two** consecutive academic semesters left, the division chair will review an alternative plan with the student. The student's request for readmission will be presented to the Teacher Education division for approval.
 - e. Readmission requirements:
 - i. Letter from student requesting readmission.
 - ii. Recommendation letter or email from academic advisor supporting the student's readmission.
 - iii. Final decision made by the Teacher Education Professional Committee.

RECOMMENDATION FOR CERTIFICATION

A student is considered a program completer when (a) all institutional academic and other requirements such as establishing eligibility for certification recommendation have been met and (b) the minimum number of state certification tests for the teaching field desired have been passed. Students who meet all the standards and requirements of the Teacher Education program and the State of Michigan are eligible to apply for certification and to be recommended to the State Board of Education. Students who wish to be considered a program completer of Cornerstone University should make application for certification. Since the State of Michigan requirements are subject to periodic change, students must meet State of Michigan requirements and Teacher Education Department requirements for teacher certification in effect at the time application is made for certification.

The State of Michigan requires the passing of competency tests in the subject areas in which the student is planning to seek certification. Students with questions are encouraged to contact the certification officer. State test information is available at www.mttc.nesinc.com.

When signing up for the Michigan Test for Teacher Certification (MTTC), use the following codes for choosing the correct test for your major(s) or minor(s):

CU SUBJECT	LEVEL	MTTC CODE #	ENDORSEMENT CODE
Biology	Secondary	17	DA
Chemistry	Secondary	18	DC
Communication Arts	Secondary	91	AX
Early Childhood Education	Elementary	106	ZS
Elementary Education	Elementary	103	ZG
English	Secondary	02	BA
English as a Second Lang.	Elementary & Secondary	86	NS
History	Secondary	09	CC
Integrated Science	Elementary	93	DI
Integrated Science	Secondary	94	DI
Journalism	Secondary	03	BC
Language Arts	Elementary	90	BX
Learning Disabilities	K-12	63	SM
Mathematics	Elementary	89	EX
Mathematics	Secondary	22	EX
Music Education	Secondary & K-12	99	JQ
Physical Education	Secondary & K-12	44	MB
Psychology	Secondary	11	CE
Reading	Elementary	05	BT
Social Studies	Elementary & Secondary	84	RX
Spanish	Elementary & Secondary	28	FF
Speech	Secondary	04	
Professional Readiness Exam		96	

GENERAL EDUCATION CORE FOR TEACHER EDUCATION *(Required for both elementary & secondary)*

General Education Core

Required Courses	Credit Hours
COM-112 Communication In Culture.....	3
ENG-212 Writing In Culture.....	3
HIS-114 World Civilization II.....	3
IDS-101 Creativity, Innovation and Problem Solving.....	2
IDS-103 Christian Foundations I.....	1
IDS-104 Christian Foundations II.....	1
KIN-100 Total Fitness and Wellness.....	2
PHI-211 Philosophy In Culture.....	3
PSY-232 Developmental Psychology (required by the State of Michigan).....	3
REL-104 Old Testament Literature.....	3
REL-204 New Testament Literature.....	3
REL-352 Christian Beliefs and History.....	3
SCI-311 Science In Culture (Biology majors should take BIO-400 Biological Perspectives, Integrated Science SCI-400).....	3
English Competency.....	0-6
Foreign Language (See "Language Requirement").....	0-8
Math Competency.....	0-9
Total.....	33

Elementary Students Only

Required Courses	Credit Hours
EDU-321 Children’s Literature	3
EDU-243 Art for Elementary Teachers	3
HIS-115 American Studies (<i>Social Studies majors & History majors and minors should not take HIS-115 because HIS-221 & HIS-222 are required.</i>) . . .	3
KIN-147 Physical and Health Education for Classroom Teachers (<i>Physical Education majors and minors should take KIN-357.</i>)	2
MAT-312 Elementary Math Methods.	4
MUS-254 Music for Elementary Teachers.	3
SCI-201 Integrated Science for Elementary Teachers (<i>physical education majors and minors take BIO-241</i>)	3
Total	24

Secondary Students Only

Required Courses	Credit Hours
IDS-311 Imagination In Culture	3
One mathematics course (<i>MAT-110, 121, 122, 131, 132</i>)	0-3
One laboratory science course (<i>CHM-111 is required for Biology majors and minors. BIO-241 is required for Kinesiology majors and minors.</i>) . . .	4
One lifetime activity course (<i>KIN-1XX</i>)	1
Total	42-55

ELEMENTARY EDUCATION PROGRAMS

Students interested in elementary education should work out a program, if possible, with an education advisor. All elementary education programs require a minimum of 129 semester hours of college work, which includes the satisfactory completion of the professional education courses listed below, the general education core requirements as specified for teacher education students and completion of one of the following two options:

OPTION I - PLANNED PROGRAM (CORE/CONTENT SUBJECTS)

Take CU CORE COURSES

PLUS - Students who desire to select a content subject (highly qualified preparation), choose one major from the following:

- Integrated Science
- Language Arts Group
- Social Studies Group

OR - Choose one of the following triple minor combinations (recommended for K-3):

- Integrated Science; Math, Planned Program
- Integrated Science; Reading, Planned Program
- Math; Reading, Planned Program
- Reading; Language Arts
- Math; Language Arts, Planned Program
- Language Arts, Integrated Science, Planned Program

PLUS - Planned Program Minor

**(see customized Planned Program Minor for each major or minor on 4 year Advising Sheets in the Teacher Education Department)*

PLUS - Professional Education Sequence Courses:

Required Courses	Credit Hours
EDU-230 Principles/Philosophy of Education.	3
EDU-231 School Observation Practicum	1
EDU-262 Computers & Technology	3
EDU-363 Divers Pop./Dif. Instruction	2
<i>(Students must be accepted in the program before taking the following: [see "Admission to the Teacher Education Program" for requirements])</i>	
EDU-381 Educational Psychology.	3
EDU-382 Teacher Assistant Practicum	2
EDU-430 Capstone Seminar: Directed Teaching	3
EDU-482 Directed Teaching I	12
Total	29

OPTION II - COMPREHENSIVE MAJOR PROGRAM

Take CU CORE COURSES

PLUS - Comprehensive Major (required):

Required Courses	Credit Hours
ENG-212 Writing in Culture	3
COM-112 Communication in Culture	3
SCI-201 Integrated Science for Elementary Teachers	3
SCI-311 Science in Culture (SCI-400 or BIO-400 if Biology or Integrated Science major/minor)	3
EDU-450 Elementary Science Methods	3
KIN-100 Total Fitness and Wellness	2
KIN-147 Physical Education for Classroom Teachers	2
HIS-114 World Civilization II	3
HIS-115 American Studies	3
EDU-460 Elementary S. Studies Methods	3
MAT-110 College Mathematics (Prerequisite: Qualifying scores on math placement test)	3
MAT-312 Elementary Mathematics & Methods	4
MUS-254 Music Methods for Elementary Teachers	3
EDU-243 Art Methods for Elementary Teachers	3
EDU-321 Children's Literature	3
EDU-342 Developmental Reading/L.A. Methods	3
EDU-445 Assessing/Correcting Reading	4
* Foreign Language Requirement	0-8
Total	54

(Includes double counted core courses.)

PLUS - Students who desire to select a specialty area, choose one of the following majors or minors:

- Early Childhood (minor)
- Learning Disabilities (K-12 major) *(additional content minor required)*
- Spanish (major or minor)
- TESOL (minor)

PLUS - Professional Education Sequence Courses:

Required Courses	Credit Hours
EDU-230 Principles/Philosophy of Education	3
EDU-231 School Observation Practicum	1
EDU-262 Computers & Technology	3
EDU-363 Diverse Pop./Dif. Instruction	2

MAJORS

- Biology
- Communication Arts Group
- English
- History
- Integrated Science
- Integrated Science Comprehensive
- Learning Disabilities K-12
- Mathematics
- Music Education K-12*
- Physical Education K-12
- Social Studies Group
- Spanish

MINORS

- Biology
- Chemistry
- Communication Arts Group
- English
- Health (Calvin)
- History
- Journalism
- Mathematics (pending reapproval)
- Physical Education
- Psychology
- Spanish
- Teaching English to Speakers of Other Languages (TESOL)

**Music Education K-12 see page 178 for degree requirements.*

(Students must be accepted in the program before taking the following: (see "Admission to the Teacher Education Program" for requirements)

EDU-381 Educational Psychology	3
EDU-382 Teacher Assistant Practicum	2
EDU-430 Capstone Seminar: Directed Teaching	3
EDU-482 Directed Teaching	12

NOTE: *The certification and graduation requirements of the Teacher Education Division of Cornerstone University may be impacted by changes enacted by the Michigan State Department of Education at any time.*

SECONDARY EDUCATION PROGRAMS

Students interested in secondary education should work out a program with an education advisor or an appropriate departmental advisor in their major field. All Secondary Education programs require a minimum of 129 semester hours of college work, which includes the satisfactory completion of the professional education courses listed below, the general education core requirements as specified for teacher education students, a certifiable departmental major of not less than 30 semester hours or a group major of 36 semester hours and a certifiable departmental minor of not less than 20 semester hours or a group minor of 24 semester hours.

Group programs normally should not be elected in both the major and the minor. Students should be aware of the fields in which there is a need for teachers when selecting majors and minors and should expect to use their minors to support their majors.

Students who wish to pursue a K-12 endorsement in music, physical education or learning disabilities usually follow the secondary track requirements until they reach the professional semester. Methods classes for these endorsements must be completed satisfactorily, "C-" or better, prior to enrollment in EDU-486, K-12 Directed Teaching Practicum.

The majors and minors approved for the Secondary Education programs are:

REQUIRED PROFESSIONAL EDUCATION COURSES - SECONDARY

Required Courses	Credit Hours
EDU-230 Principles and Philosophy of Education	3
EDU-231 School Observation Practicum	1
EDU-262 Computers and Technology in Education	3
EDU-344 Content Area Literacy	3
EDU-363 Diverse Populations & Differentiated Instruction	2
Students must be accepted in program before taking the following: (See "Admission to the Teacher education Program" for requirements.)	
EDU-381 Educational Psychology	3
EDU-382 Teacher Assistant Practicum* (Prerequisite or corequisite: EDU-381)	2
EDU-430 Capstone Seminar: Directed Teaching (To be taken concurrently with Directed Teaching Practicum.)	3
Content major and minor methods course from the following: (non-music majors; includes psychology minors)	
EDU-335 Learning Disabilities Methods	
ENG-463 Secondary Language Arts Methods	
KIN-359 P.E. in Secondary Schools	
LIN/SPA-465 Methods of Teaching a Foreign Language	
MAT-471 Secondary Math Methods	
SCI-465 Secondary Science Methods	
SSC-464 Secondary Social Studies Methods	
Students with a major and minor in the same general content area will do a practicum in their minor area. (Journalism minor with an English major. Chemistry minor with a Biology major. Psychology minor with a History or Social Studies major.)	
<i>One of the following:</i>	12
EDU-484 Secondary Directed Teaching Practicum*	
EDU-486 K-12 Directed Teaching Practicum*	
Total	38

*Practicum courses require the student to complete an application for placement. For EDU-382 or EDU-484 or 486, refer to the Course Descriptions at the end of this section.

Note: The certification and graduate requirements of the teacher education division of Cornerstone University may be impacted by changes enacted by the Michigan State Department of Education at any time.

ASSOCIATE OF ARTS DEGREES

The Associates of Arts Degree in Early Childhood Education & TESOL is designed for those individuals who are preparing for school paraprofessional positions, child care programs or service ministries. Associate degree candidates do not have to be accepted into the Teacher Education program to take any education courses.

Please contact the Teacher Education Office for course requirements.

Education Core

EDU-230 Principles/Philosophy of Education	3
EDU-262 Computers and Technology in Education	3
EDU-381 Educational Psychology	3
EDU-382 Teacher Assistant Practicum	2
Total	39
Early Childhood*/TESOL (See content courses** for requirements)	21
Total	60

* Twelve credit hours of Early Childhood/TESOL Core must be taken at Cornerstone.

** Please see advising sheets outside the Teacher Education office for the specific courses in these two A.A. programs.

NOTE: Students must meet both the English and Math competency requirements. See Degree Information section.

BACHELOR OF ARTS MAJORS & MINORS

BIOLOGY MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
BIO-151 General Biology	4
BIO-225 Botany	4
BIO-233 Zoology	4
BIO-351 Genetics	4
BIO-400 Capstone Seminar: Bioethics & Argument Theory	2
BIO-451 Molecular Cell Biology	4
<i>One of the following:</i>	4
BIO-241 Anatomy and Physiology I	
BIO-242 Anatomy and Physiology II	
ECO-341 Ecology	4
SCI-361 Evolution & Origins	3
Total	33
Required Cognates*	
CHM-111 Principles of General Chemistry (Prerequisite: MAT-121)	4
CHM-212 Principles of Organic and Biochemistry	4
MAT-151 Statistics	3
SCI-465 Secondary Science Methods	3

*A cognate is a course that supports the success of completing a major program.

BIOLOGY MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
BIO-151 General Biology	4
BIO-225 Botany (<i>Prerequisite: An advanced high school biology course or BIO-111 or BIO-151</i>)	4
BIO-233 Zoology (<i>Prerequisite: An advanced high school biology course or BIO-111 or BIO-151</i>)	4
ECO-341 Ecology (<i>Prerequisite: BIO-225, 233 or MAT-151</i>)	4
<i>One of the following:</i>	4
BIO-241 Anatomy and Physiology I	
BIO-242 Anatomy and Physiology II	
Total	20
Required Cognate*	
CHM-111 Principles of General Chemistry (Prerequisite: MAT-121)	4
SCI-465 Secondary Science Methods	3

* A cognate is a course that supports the success of completing a major program.

CHEMISTRY MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
CHM-121 General Chemistry I (<i>Prerequisite: MAT-121</i>)	4
CHM-122 General Chemistry II (<i>Prerequisite: CHM-121</i>)	4
CHM-411 Perspectives in Chemistry (<i>Prerequisite: Completion of three chemistry courses and junior status</i>)	2
Chemistry Electives (200 level or higher)	12
Total	22

COMMUNICATION ARTS GROUP MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
COM-112 Communication in Culture	3
COM-212 Interpersonal Communication	3
COM-311 Intercultural Communication	3
COM-315 Communication Theory	3
COM-321 Group Communication	3
COM-322 Advanced Public Speaking	3
COM-325 Rhetorical Criticism	3
JRN-201 News Writing and Reporting I	3
JRN-313 Feature Writing	3
MDA-121 Introduction to Electronic Media	3
MDA-319 Mass Media Literacy	3
<i>One of the following:</i>	3
COM-241 Introduction to Oral Interpretation	
Total	36

COMMUNICATION ARTS GROUP MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
COM-212 Interpersonal Communication.....	3
COM-311 Intercultural Communication.....	3
COM-315 Communication Theory.....	3
JRN-201 News Writing & Reporting I.....	3
JRN-313 Feature Writing.....	3
MDA-319 Mass Media Literacy.....	3
<i>One of the following:</i>	3
COM-241 Introduction to Oral Interpretation	
Total.....	21

EARLY CHILDHOOD EDUCATION MINOR

Required Courses	Credit Hours
EDU-233 Intro to Special Education.....	2
EDU-333 Early Childhood Curriculum.....	3
EDU-352 Preprimary Methods and Materials.....	3
EDU-371 The Young Child and the Community.....	3
EDU-372 Assessing and Teaching the Special Needs Child.....	3
EDU-373 Infant and Toddler Development, Methods & Practicum.....	3
EDU-431 Admin. and Supervision of Early Childhood Programs.....	3
EDU-481 Field Experience: Early Childhood*.....	6
Total.....	26

**Application should be made by the end of mid-term week prior to semester Field Experience is taken.*

Students completing the Early Childhood Education minor in conjunction with Option II (elementary education program) receive the Early Childhood (ZS) endorsement, general and special education. The ZS endorsed teacher will be able to teach in general education early childhood classrooms, inclusive early childhood classrooms, and in early childhood special education classrooms. These teachers are *not* adequately prepared to teach self-contained special education classes in K-3. This minor is available when paired with the Comprehensive Major, Option II, New Elementary Programs.

ELEMENTARY EDUCATION PLANNED PROGRAM MINOR

The planned program minor in elementary education consists of a group of courses related to teaching in the elementary school self-contained classroom. The Planned Program Minor is only available with Option I, New Elementary Program. Please see your academic advisor for further information.

ENGLISH MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
ENG-223 Introduction to Literature.....	3
ENG-226 Introduction to Creative Writing.....	3
ENG-319 Advanced Grammar.....	3
ENG-353 Linguistic History of the English Language.....	3
ENG-334 American Renaissance in the 19th Century.....	3
ENG-326 Contemporary Literature.....	3
ENG-344 British Literature to 1700.....	3
ENG-342 British Romantic & Victorian Literature.....	3
<i>Two of the following:</i>	3
EDU-323 Adolescent Lit (Elementary or Secondary)	
ENG-224 World and Literature	
ENG-328 Selected Authors or Eras (Secondary)	
ENG-324 Literary Modernisms: Anglo-American Writers (Secondary)	
Total.....	30

ENGLISH MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
ENG-223 Introduction to Literature.....	3
ENG-226 Introduction to Creative Writing.....	3
ENG-319 Advanced Grammar.....	3
<i>One of the following:</i>	3
EDU-321 Children's Literature (Elementary)	
EDU-323 Adolescent Literature (Elementary or Secondary)	
ENG-328 Selected Authors or Eras (Secondary)	
ENG-324 Literary Modernisms: Anglo-American Writers (Secondary)	
<i>One of the following:</i>	3
ENG-224 World and Literature	
ENG-326 Contemporary Literature	
ENG-334 American Renaissance in the 19 th Century	

One of the following:	3
ENG-342 British Romantic & Victorian Literature	
ENG-344 British Literature to 1700	
Total	18

HISTORY MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
HIS-113 World Civilization I	3
HIS-114 World Civilization II	3
HIS-211 Michigan History	3
HIS-221 United States History I	3
HIS-222 United States History II	3
HIS-451 Historiography I (<i>Prerequisite: 21 hours of History</i>)	2
HIS-452 Historiography II	1
Upper level electives in History (<i>including two courses in European or non-Western History and one course in American History</i>)	12
Total	30

NOTE: July 2013 – Last available administration of Old Social Studies & History MTTC Test. Candidates in old program must take the new test if they have not completed program by last old MTTC date. October 2013 – New Social Studies & History MTTC test available

HISTORY MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
HIS-113 World Civilization I	3
HIS-114 World Civilization II	3
HIS-211 Michigan History	3
HIS-221 United States History I	3
HIS-222 United States History II	3
Upper level electives in History	6
Total	21

NOTE: July 2013 – Last available administration of Old Social Studies & History MTTC Test. Candidates in old program must take the new test if they have not completed program by last old MTTC date. October 2013 – New Social Studies & History MTTC test available

INTEGRATED SCIENCE MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
Life Sciences	
BIO-151 General Biology	4
BIO-233 Zoology	4
BIO-351 Genetics	4
Physical Sciences	
CHM-111 Principles of General Chemistry (<i>Prerequisite: MAT-121</i>)	4
CHM-212 Principles of Organic & Biochemistry	4
PHY-211 General Physics I (<i>Prerequisite: MAT-121, 122 or 131</i>)	4
Earth/Space Science	
SCI-261 Astronomy	4
SCI-262 Geology	4
SCI-263 Atmosphere and Weather	2
Comprehensive	
ECO-241 Environmental Science	4
SCI-361 Evolution & Origins	3
SCI-400 Capstone Seminar: Integrated Science	2
Total	43

INTEGRATED COMPREHENSIVE SCIENCE MAJOR FOR SECONDARY TEACHERS

(DOES NOT REQUIRE A MINOR)

Required Courses	Credit Hours
Life Sciences	
BIO-151 General Biology	4
BIO-225 Botany	4
BIO-233 Zoology	4
BIO-351 Genetics	4
Physical Sciences	
CHM-111 Principles of General Chemistry (<i>Prerequisite: MAT-121</i>)	4
CHM-212 Principles of Organic and Biochemistry	4
PHY-211 General Physics I (<i>Prerequisite: MAT-121, 122 or 131</i>)	4
PHY-212 General Physics II	4

Earth/Space Science

ECO-241	Environmental Science.....	4
SCI-261	Astronomy.....	4
SCI-262	Geology.....	4
SCI-263	Atmosphere and Weather.....	2

Comprehensive

SCI-361	Evolution & Origins.....	3
SCI-400	Capstone Seminar: Integrated Science.....	2
Total.....		51

INTEGRATED SCIENCE GROUP MAJOR FOR ELEMENTARY TEACHERS

Required Courses		Credit Hours
Life Sciences		
BIO-151	General Biology.....	4
BIO-233	Zoology.....	4
BIO-242	Anatomy & Physiology II.....	4
Physical Sciences		
CHM-111	Principles of General Chemistry (<i>Prerequisite: MAT-121</i>).....	4
PHY-211	General Physics I (<i>Prerequisite: MAT-121, 122 or 131</i>).....	4
SCI-201	Integrated Science for Elementary Teachers (core requirement)	3
Earth/Space Science		
ECO-241	Environmental Science.....	4
SCI-261	Astronomy.....	4
SCI-262	Geology.....	4
SCI-263	Atmosphere and Weather.....	2
SCI-400	Capstone Seminar: Integrated Science.....	2
Total.....		39

INTEGRATED SCIENCE GROUP MINOR FOR ELEMENTARY TEACHERS

Required Courses		Credit Hours
Life Sciences		
BIO-151	General Biology.....	4
ECO-241	Environmental Science.....	4
Physical Sciences		
CHM-111	Principles of General Chemistry.....	4
SCI-201	Integrated Science for Elementary Teachers (core requirement)	3
Earth/Space Science		
SCI-261	Astronomy.....	4
SCI-262	Geology.....	4
SCI-263	Atmosphere and Weather.....	2
SCI-400	Capstone Seminar: Integrated Science.....	2
Total.....		27

JOURNALISM MINOR FOR SECONDARY TEACHERS*General Education Core Exceptions*

ENG-223	Introduction to Literature (required).....	3
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Required Courses		Credit Hours
EDU-466	Journalism Practicum*.....	3
JRN-201	News Writing & Reporting I.....	3
JRN-213	Print Media Graphics.....	3
JRN-261	The Herald (1 credit hour per semester).....	3
JRN-313	Feature/Travel Writing.....	3
JRN-318	News Editing.....	3
MDA-319	Mass Media Literacy.....	3
PHO-236	Introduction to Digital Photography.....	3
Total.....		24

*Practicum courses require the student to complete an application for placement. See "Admission to Teacher education Program."

LANGUAGE ARTS GROUP MAJOR FOR ELEMENTARY TEACHERS

Required Courses	Credit Hours
COM-212 Interpersonal Communication.....	3
COM-315 Communications Theory.....	3
ENG-223 Introduction to Literature.....	3
ENG-226 Introduction to Creative Writing.....	3
EDU-321 Children's Literature.....	3
JRN-201 Newswriting and Reporting I.....	3
MDA-319 Mass Media Literacy.....	3
ENG-212 Writing in Culture.....	3
<i>Two of the following:</i>	6
COM-241 Introduction to Oral Interpretation.....	
COM-311 Intercultural Communication.....	
COM-321 Group Communication.....	
<i>One of the following:</i>	3
ENG-224 World and Literature.....	
ENG-322 Practice of Criticism.....	
ENG-324 Literacy Modernisms.....	
ENG-326 Contemporary Literature.....	
ENG-328 Selected Authors and Eras.....	
ENG-334 American Renaissance in the 19th Century.....	
ENG-344 British Literature to 1700.....	
ENG-353 Linguistic History of English.....	
Total.....	33

LANGUAGE ARTS GROUP MINOR FOR ELEMENTARY TEACHERS

Required Courses	Credit Hours
COM-212 Interpersonal Communication.....	3
COM-311 Intercultural Communication.....	3
ENG-223 Introduction to Literature.....	3
ENG-224 World and Literature.....	3
ENG-226 Introduction to Creative Writing.....	3
EDU-321 Children's Literature.....	3
MDA-319 Mass Media Literacy.....	3
Total.....	21

LEARNING DISABILITIES MAJOR FOR K-12 CERTIFICATION

Students may follow either the elementary or secondary track in the selection of a minor. The Directed Teaching Experience will include opportunities in both regular education and learning disability classrooms.

A content minor is required for Learning Disability minors. Elementary track students select a Language Arts or Math minor. Secondary track select an English or math minor.

Required Courses	Credit Hours
EDU-233 Introduction to Special Education and the Exceptional Learner.....	2
EDU-234 Emerging Educational Models in Special Education (<i>Prerequisites: EDU-233</i>).....	3
EDU-335 Theories and Methods of Learning Disability (<i>Prerequisites: EDU-233 and EDU-234</i>).....	4
EDU-338 Assessment and Diagnosis for Learning Disabilities (<i>Prerequisites: EDU-233, EDU-234, EDU-335</i>).....	4
EDU-363 Diverse Populations & Differentiated Instruction (<i>Prerequisites: EDU-230 & EDU-381 and admission to the Teacher Ed. Program</i>)....	3
EDU-381 Educational Psychology (<i>Prerequisites: EDU-230 and admission to the Teacher Education Program.</i>).....	3
EDU-432 Current Issues in Learning Disabilities Ed. (<i>Concurrent w/ EDU-434. Course can only be taken after other coursework for the LD major has been completed. Offered only in the Fall</i>) . .	3
EDU-434 Practicum in Learning Disabilities..... (<i>Concurrent w/ EDU-432, semester prior to Directed Teaching. Course can only be taken after other coursework for the LD major has been completed. Offered only in the Fall.</i>)	6
PSY-441 Physiological Psychology.....	3
EDU-443 Severe Reading Problems (<i>El. Prerequisite: EDU-342 & Corequisite: EDU-445; Secondary Prerequisite: EDU-344</i>).....	3
Total.....	34

MATHEMATICS MAJOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
MAT-131 Calculus I (<i>Prerequisite: Qualifying scores on math placement test</i>).....	3
MAT-132 Calculus II (<i>Prerequisite: MAT-131 and qualifying scores on math placement test</i>)	3
MAT-151 Statistics.....	3
MAT-233 Differential Equations (<i>Prerequisite: MAT-132</i>).....	3
MAT-234 Multivariate Calculus (<i>Prerequisite: MAT-132</i>).....	3
MAT-241 Applied Linear Algebra.....	3

LEARNING DISABILITY PROGRAM ILLUSTRATION

SECOND YEAR

Fall Semester

EDU-233 Introduction to Special Education 2

Spring Semester

EDU-234 Emerging Models in Special Education 3

THIRD YEAR

Fall Semester

EDU-335 Theories and Methods of Learning Disabilities 3

Spring Semester

EDU-443 Severe Reading Problems 3

EDU-338 Assessment/Diagnosis for Learning Disabilities 3

All courses except those listed in the fourth year must be complete prior to the start of next fall.

FOURTH YEAR

Fall Semester

EDU-432 Current Issues in Learning Disabilities Education 3

PSY-441 Psychological Psychology 3

EDU-434 Learning Disabilities Practicum 6

** Due to the nature of these courses and the time commitment, all other classes must be completed prior to this term.*

Spring Semester

EDU-48* Student Teaching

EDU-430 Directed Teaching Capstone Course

MAT-243	Discrete Mathematics (<i>Prerequisite: MAT-121 or MAT-131</i>)	3
MAT-245	Mathematical Proofs (<i>Prerequisite: MAT-241 or MAT-243</i>)	3
MAT-333	Real Analysis (<i>Prerequisites: MAT-132 & MAT-245</i>)	3
MAT-341	Modern Algebra (<i>Prerequisites: MAT-241 & MAT-245</i>)	3
MAT-400	Capstone Seminar: Geometry and the History of Mathematics (<i>Prerequisites: MAT-241 & MAT-245</i>)	3
Total		33

MATHEMATICS MINOR FOR ELEMENTARY TEACHERS

Required Courses	Credit Hours
MAT-131 Calculus I (<i>Prerequisite: Qualifying scores on math placement test</i>)	3
MAT-151 Statistics	3
MAT-243 Discrete Mathematics (<i>Prerequisite: MAT-121 or MAT-131</i>)	3
MAT-312 Elementary Mathematics Methods	4
Total	13

Choose three of the following courses: 9

- MAT-110 College Math (*Prerequisite: Qualifying scores on math placement test*)
- MAT-121 College Algebra (*Prerequisite: Qualifying scores on math placement test*)
- MAT-122 Trigonometry (*Prerequisite: MAT-121 or qualifying scores on math placement test*)
- MAT-132 Calculus II (*Prerequisite: MAT-131 or qualifying scores on math placement test*)
- MAT-233 Differential Equations (*Prerequisite: MAT-132*)
- MAT-234 Multivariate Calculus (*Prerequisite: MAT-132*)
- MAT-241 Applied Linear Algebra
- MAT-245 Mathematical Proofs (*Prerequisite: MAT-241 or MAT-243*)
- MAT-400 Capstone Seminar: Geometry and the History of Mathematics

Overall Total **22**

MATHEMATICS MINOR FOR SECONDARY TEACHERS

Required Courses	Credits
MAT-131 Calculus I (<i>Prerequisite: Qualifying scores on math placement test</i>)	3
MAT-132 Calculus II (<i>Prerequisite: MAT-131 and qualifying scores on math placement test</i>)	3
MAT-151 Statistics	3
MAT-241 Applied Linear Algebra	3
MAT-243 Discrete Mathematics (<i>Prerequisite: MAT-121 or MAT-131</i>)	3
MAT-245 Mathematics Proofs (<i>Prerequisite: MAT-241 or MAT-243</i>)	3
MAT-400 Capstone Seminar: The History of Mathematical Sciences	3

One of the following: 3

- MAT-233 Differential Equations (*Prerequisite: MAT-132*)
- MAT-234 Multivariate Calculus (*Prerequisite: MAT-132*)

Total **24**

Students with a major or minor in mathematics for secondary teachers should note that they are also required to take MAT-471 (Secondary Mathematics Education). See page 172 (Teacher Education Division – Secondary Education Programs) for more information.

MUSIC EDUCATION MAJOR FOR K-12 CERTIFICATION *(Secondary Track Only)*

The Music Education major is designed for the student contemplating a full-time “music only” position in a school or district. This music specialist program provides a strong foundation for graduate study in music education or performance. It is taken without a minor *in another area*, and certification is K-12 in music only. Students follow the secondary track requirements until they reach the professional semester. Students should look under the Music Division section of the catalog for a detailed description of the music education program major.

PHYSICAL EDUCATION MAJOR FOR K-12 CERTIFICATION *(Secondary Program Track Only)*

Education students who major in physical education must complete their lab core requirement with BIO-241, must complete MAT-110, 121, 122 or 131 and must meet the core activity program course requirements in physical education. Such students follow the professional education program required for secondary education and may have an elementary and secondary student teaching experience.

Required Courses	Credit Hours
BIO-241 & 242 Anatomy and Physiology I & II	4
KIN-211 History and Principles of Kinesiology	3
KIN-243 Strategies for Teaching Physical Activities K-12	3
KIN-251 Motor Development and Learning	3
KIN-342 Exercise Physiology <i>(Prerequisites: BIO-241 & 242. Recommended: CHM-111)</i>	3
KIN-344 Adapted Physical Education K-12	2
KIN-345 Measurement and Evaluation	3
KIN-357 P. E. in Preschools & Elementary Schools <i>(Prerequisite: KIN-243)</i>	3
KIN-359 Physical Education in Secondary Schools <i>(Prerequisite: KIN-243)</i>	3
KIN-362 First Aid, Injury Prevention and Treatment <i>(Prerequisites: BIO-241 & 242 or permission of instructor)</i>	3
KIN-401 Capstone Seminar: Ethics in Teaching Physical Education	1
KIN-441 Organization and Administration	3
KIN-461 Skills and Performance Competencies	1
<i>(Students who declare a Physical Education minor will receive KIN-461 competency information from P.E. advisor)</i>	
Total	35

PHYSICAL EDUCATION MINOR FOR SECONDARY TEACHERS

Students who minor in physical education must complete their lab core requirement with BIO-241 and must meet the core activity program course requirements in physical education.

Required Courses	Credit Hours
BIO-242 Anatomy and Physiology II	4
KIN-211 History and Principles of Kinesiology	3
KIN-243 Strategies for Teaching Physical Activities K-12	3
KIN-251 Motor Development and Learning	3
KIN-344 Adapted Physical Education K-12	2
KIN-359 P.E. in Secondary Schools <i>(Prerequisite: KIN-243)</i>	3
KIN-362 First Aid, Injury Prevention, and Treatment <i>(Prerequisites: BIO-241 & 242 or permission of instructor)</i>	3
KIN-401 Capstone Seminar: Ethics in Teaching Physical Education <i>(professor permission)</i>	1
KIN-461 Skill and Performance Competencies	1
<i>(Students who declare a Physical Education minor will receive KIN-461 competency information from P.E. advisor)</i>	
Total	23

PSYCHOLOGY MINOR FOR SECONDARY TEACHERS

Required Courses	Credit Hours
PSY-111 General Psychology	3
PSY-343 Psychology of Learning <i>(Prerequisite: PSY-111)</i>	3
PSY-353 Abnormal Psychology <i>(Prerequisite: PSY-111)</i>	3
PSY-355 Integrated Statistic/Research I	3
PSY-356 Integrated Statistic/Research II	3
<i>One of the following:</i>	<i>3</i>
PSY-322 Theories of Personality <i>(Prerequisite: PSY-111)</i>	<i>3</i>
PSY-351 Social Psychology <i>(Prerequisites: PSY-111 or SOC-111)</i>	<i>3</i>
Electives in Psychology	<i>3</i>
Total	21

READING MINOR FOR ELEMENTARY TEACHERS

Students will receive MLPP certification upon completion of the minor.

Required Courses	Credit Hours
EDU-321 Children's Literature <i>(Prerequisite: ENG-223)</i>	3
EDU-342 Developmental Reading & Language Arts Methods <i>(Prerequisites: Admission to Teacher Ed. Program, EDU-230)</i>	3
EDU-346 Reading and Writing in the Content Area (K-8) <i>(Prerequisites: EDU-342 or Concurrent with EDU-342)</i>	3
EDU-441 Assessing Beginning Literacy <i>(Prerequisites: EDU-342 & 445 or concurrent with EDU-445)</i>	3
EDU-445 Assessing and Correcting Reading Problems <i>(Prerequisite: EDU-342)</i>	4
EDU-443 Severe Reading Problems <i>(Prerequisites: EDU-445 or Concurrent with EDU-445)</i>	3
LIN-225 Introduction to Linguistics	3
Total	22

SOCIAL STUDIES GROUP MAJOR FOR ELEMENTARY & SECONDARY TEACHERS

Required Courses		Credit Hours
ECN-231	Macroeconomics	3
ECN-232	Microeconomics	3
HIS-113	World Civilization I	3
HIS-114	World Civilization II	3
HIS-211	Michigan History	3
HIS-221	United States History I	3
HIS-222	United States History II	3
SSC-161	World Geography	3
SSC-211	American Government	3
SSC-262	Geography of North America	3
SSC-312	World Affairs	3
SSC-451	Social Studies Research I (Prerequisite: 21 hours of Social Studies courses)	2
SSC-452	Social Studies Research II	1
Total		36

NOTE: July 2013 – Last available administration of Old Social Studies & History MTTC Test. Candidates in old program must take the new test if they have not completed program by last old MTTC date. October 2013 – New Social Studies & History MTTC test available

SPANISH MAJOR FOR ELEMENTARY & SECONDARY TEACHERS

Required Courses		Credit Hours
LIN-225	Introduction to Linguistics	3
LIN-371	Second Language Acquisition	3
SPA-313	Advanced Spanish Grammar and Composition I	3
SPA-323	Advanced Spanish Grammar and Composition II	3
SPA-334	Selected Topics in Spanish Language and Culture	3
SPA-413	Introduction to Hispanic World Literature and Culture I	3
SPA-423	Introduction to Hispanic World Literature and Culture II	3
SPA-465	Methods of Teaching a Foreign Language	3
Semester in Spain**		12

Choose three of the following (4 credits each)

SIS-303	Selected Readings in Spanish Literature
SIS-304	Spanish Short Story
SIS-306	History of Spanish Art
SIS-307	Modern Spanish Culture
SIS-311	Spanish History and Civilization
SIS-312	Spain of Three Cultures: Muslim, Jewish and Christian (8 th – 15 th Centuries)
SIS-351	Advanced Grammar and Composition
SIS-355	Spanish Literature I
SIS-356	Spanish Literature II
SIS-366	Spanish American Literature II
SIS-399/499	Independent Studies
SIS-401	Comunicación Avanzada
SIS-402	Don Quijote de la Mancha
SIS-403	La Generación del 98
SIS-404	El Siglo De Oro
SIS-405	La Novela Española del Siglo do Oro: Novela Picaresca y Cervantes
SIS-406	Romanitcismo
SIS-407	Teatro del Siglo XX
SIS-408	La Historia de España en el Siglo XX

Total

** Permission for off-campus study required. See Global Studies Coordinator.

SPANISH MINOR FOR ELEMENTARY & SECONDARY TEACHERS

Required Courses		Credit Hours
LIN-225	Introduction to Linguistics	3
LIN-371	Second Language Acquisition	3
SPA-313	Advanced Spanish Grammar and Composition I	3
SPA-323	Advanced Spanish Grammar and Composition II	3
SPA-334	Selected Topics in Spanish Language and Culture	3
SPA-413	Introduction to Hispanic World Literature and Culture I	3
SPA-423	Introduction to Hispanic World Literature and Culture II	3
LIN-465/SPA-465	Methods of Teaching a Foreign Language	3
Total		24

**TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)
MINOR FOR ELEMENTARY & SECONDARY TEACHERS (ELEMENTARY, SECONDARY OR K-12 ENDORSEMENT)**

Required Courses	Credit Hours
ENG-319 Advanced Grammar (<i>Prerequisite: ENG-212</i>)	3
LIN-225 Introduction to Linguistics (<i>Prerequisite: ENG-212</i>)	3
LIN-371 Second Language Acquisition (<i>Prerequisite: LIN-225</i>)	3
LIN-372 Sociolinguistics (<i>Prerequisite: LIN-225</i>)	3
LIN-465 Methods of Teaching a Foreign Language.	3
EDU-489 TESOL Practicum (<i>Prerequisite: All other TESOL courses</i>)	6
Total	21

COURSE DESCRIPTIONS

DEPARTMENT AND LEVEL/COURSE NAME CREDITS/FREQUENCY
(See page 59 for codes)

EDU-230 Principles & Philosophy of Education 3/1

This is the foundational course for students choosing a career as a professional educator. This course presents an overview of the skills, knowledge base, philosophies, “best practices”, and values required of competent and caring classroom teachers. Students make educational decisions relating to knowledge acquisition, curricular goals, and instructional resources while applying their knowledge of students, learning theory, and content. In addition, students create projects utilizing their knowledge of educational philosophy, theory, and technology. The course and related collateral school-based practicum (EDU 231) will provide the student with the basis for an informed decision about a career in teaching. This course includes the needs of multicultural issues. The belief that the Christian teacher brings glory to God by serving the needs of His image-bearers in the realm of education will be espoused. EDU-231 School Observation Practicum is a cognate “laboratory” requirement that should be taken concurrently with this course. Prerequisite: ENG-114, Corequisite: PHI-211

EDU-231 School Observation Practicum 1/1

During this first field-based practicum experience required in all teacher education programs, students learn the technologies and skills for observation of the teaching-learning process. They will learn to recognize the “multi-dimensionality” and “overlapping experiences” present in the classroom. The class will alternate between school-based experience and lab discussions. The students will spend time in the classrooms of Christian, public, elementary, secondary, high-needs, multicultural, charter, special education and other school settings. EDU-231 is taught concurrently with EDU-230.

EDU-233 Introduction to Special Education and the Exceptional Learner 2/2

Students will understand and define the various differences found in learners, including physical disabilities. This course will give an overview of educational service delivery, community programs available to families and the transition from an academic setting to the development of life skills. Students will view special education as a holistic approach in understanding human development through the life span. First course in LD Major: Offered only in the Fall.

EDU-234 Emerging Models in Special Education 3/2

A course designed to bring together an academic understanding of special education with a personal fervor for exploring and contributing to the changes in the field. Students will be exposed to various emerging models through field opportunities as well as classroom discourse. Prerequisite: EDU-233

EDU-243 Art for Elementary Classroom Teachers 3/1

The study of art with instruction in clay sculpture, oil paints, pastels, graphite, and other media to prepare education students for art basics in the self-contained elementary classroom. Required for all students in the Elementary Education program.

EDU-262 Computers & Technology in Education 3/1

Prospective teachers will engage in the theory and practice of integrating targeted and educationally appropriate technology in the teaching and learning process. The course centers on creating an online extension of the physical classroom, where students can extend, share and reflect on their teaching and learning. This will be accomplished by creating interactive learning objects and using other free educational technology tools. Topics include: electronic publishing, content creation, screencasting, creating collaborative learning environments, digital citizenship and copyright. Additionally, students will learn how to create a professional, and positive digital footprint and become comfortable using technology in their teaching practice.

MAT-312 Elementary Mathematics & Methods 4/1

The course integrates elementary and middle school mathematics education and basic geometry content, methods, and technology. Emphasis is on pedagogy, concepts, relationships, problem solving, reasoning, communicating, and connecting ideas in elementary school mathematics. Prospective teachers implement a mathematics curriculum that models NCTM curriculum teaching and evaluation standards and principles. Grade Level Content Expectations are also integrated through coursework. Students plan, implement, and evaluate units and lessons in applied arithmetic, pre-geometry, and pre-algebra. Concepts are taught through applications with manipulatives, multimedia technologies, calculators and computers. Students will apply methods (such as diagnosis and instruction) through a tutoring experience with elementary aged children (1 credit of course). Prerequisites: EDU-230, Math Core and Teacher Education Program Approval

- EDU-321 Children's Literature 3/4**
An emphasis upon the history of children's literature, criteria for evaluating children's books from a library and theological standpoint, and through intensive and wide reading, a knowledge of the best that has been written in the field. The central focus will be to equip teachers, to apply children's literature in the classroom to develop the valuable themes, to entice children to read and to engage them in understanding and appreciating the literature and the illustrations. Prerequisite: ENG-212
- EDU-323 Adolescent Literature 3/4**
A study of literature suitable for middle school and senior high students. Appropriate instructional methodologies will be studied and modeled. Prerequisite: ENG-212
- EDU-333 Early Childhood Curriculum 3/2**
Curriculum development according to developmentally appropriate practice theory in early childhood from birth to age eight. Objectives and standards for specific approaches with special attention given to curriculum development considering children's cultural and special learning needs. Prerequisite or corequisite: EDU-230
- EDU-335 Theories and Methods of Learning Disability 4/2**
This course will look at various philosophies in the field of learning disabilities. It will review research and interpret its contribution to the field from a Christian worldview. Students will learn teaching strategies and their relationship to cultural and linguistic differences. Students will understand the characteristics of learners with learning differences in relationship to their impact on the learning process. Prerequisites: EDU-233, EDU-234
- EDU-338 Assessment and Diagnosis for Learning Disabilities 4/2**
This course will take the student from the beginning stages of the special education referral process through placement qualification. Students will be introduced to a variety of assessment tools, basic interpretation of data and a framework for reporting information. Students will develop an understanding of the team approach to diagnosis and learn the components of collaborative planning. Students will gain knowledge of assessment as it relates to an individual education program. Prerequisites: EDU-233, EDU-234 and EDU-335; corequisite EDU-443 & admission to Teacher Education Program (Professional Status)
- EDU-342 Developmental Reading and Language Arts Methods 3/1**
Study of literacy methods appropriate for early childhood, elementary, and middle school age children. This course is designed to prepare prospective teachers to teach children to use language effectively by connecting the teaching of listening, speaking, reading, and writing and then integrating this instruction with children's literature and content learning with the application of course content through aiding in a language arts classroom. Prerequisites: admission to teacher education program, EDU-230
- EDU-344 Content Area Literacy 3/1**
Study of literacy methods appropriate for teaching middle and high school students. This course is designed to prepare prospective secondary teachers with effective strategies that will encourage literacy achievement and support their students in reading text, especially expository text. Strategies for integration into all content areas are part of this course. Prerequisites: admission to teacher education program, EDU-230
- EDU-346 Reading and Writing in the Content Area (K-8) 3/2**
Designed for prospective elementary and middle school teachers, this course focuses on principles and practices of effective integrated literacy instruction in the content areas. The course addresses linking students' reading and writing proficiencies with subject matter study as reading and writing are tools for learning, literacy requirements continually increase in school and society and content area teachers can teach content area reading and writing best. Students will develop an understanding of integrated literacy instruction, learn how to create a classroom environment that promotes it, methods and strategies for developing it and the role of technology in enhancing it. Prerequisites: EDU-342 or concurrent with EDU-342
- EDU-352 Preprimary Methods and Materials 3/2**
Curricular materials, teaching methodologies and classroom environments relating to the growth and development of the normal and exceptional child, birth through kindergarten. Attention given to normal patterns of language acquisition of young children and its effect on teaching methodology. Prerequisite: EDU-230
- EDU-363 Diverse Populations and Differentiated Instruction 2/1**
This course deals with the reality of diversity in the classroom and provides instructional theories and strategies to help the teacher respond to the challenges that accompany this diversity. Issues relating to diverse populations to be addressed include socioeconomic considerations, at-risk, and ethnic and racial groups. Issues related to differentiated instruction include multiple intelligences, brain research and learning styles. These issues will be studied in the context of our Christian world and life view, with special attention given to issues of equity and individual worth. Prerequisites: EDU-230
- EDU-371 The Young Child and the Community 3/2**
Communications and relationships with parents and community, strategies for parent involvement, parent-teacher organizations and school volunteer programs. Attention given to cultural pluralism and to curriculum modifications for children's cultural needs. Prerequisite: EDU-230
- EDU-372 Assessing and Teaching the Special Needs Child 3/2**
Analysis of early childhood programs and their relationship to the special needs child. Application of evaluation techniques and assessment procedures. Issues of mainstreaming, inclusion and special learning needs as they relate to the education of children from birth to the primary grades. Prerequisites: EDU-230 and EDU-233

EDU-373 Infant Toddler Development, Methods & Practicum

The focus of this course is on the development of the typical and atypical whole child from birth to 2 ½ years covering physical, sensory and perceptual, cognitive, language, social and emotional development. Particular attention will be given to the importance of trust and relationship between caregiver and infant/toddler. Curriculum planning and instructional methods will prepare students to participate in a 5 hour per week, 14 week practicum in an infant and/or toddler classroom. Prerequisites: EDU-230, EDU-233, EDU-333, EDU-372

EDU-381 Educational Psychology**3/1**

This course is a study of psychology applied to the teaching and learning process. Theories of teaching, learning, thinking, motivation, development, social systems and classroom management will be included in the context of a Christian worldview. Prerequisites: admission to teacher education program, EDU-230 and EDU-363; co-requisite: EDU-382.

EDU-382 Teacher Assistant Practicum**2/1**

This course is designed for elementary and secondary teacher education students to assist a certified K-12 classroom teacher who is teaching in a subject area relating to the Teacher Education student's academic minor. Students enrolled in this course spend the majority of their time in the actual classroom; however, mandatory on-campus seminars are required. EDU 382 students are expected to engage during the instructional portions of their practicum and fulfill a time requirement that adheres to the following minimums: 7 hours per week divided between at least 3 days per week. These hours are to be arranged by the EDU 382 student and the assigned classroom teacher.

Students enrolled in this course will have the opportunity to observe, apply, and evaluate educational principles as well as participate in the daily routines of an actual classroom along with some of the duties of the teacher. This experience is not limited to but includes the following: evaluating classroom routines, assisting individual and small groups of students in obtaining learning objectives, designing and teaching lessons to a class of students, performing clerical duties, creating an instructional bulletin board. The most important experience for the EDU 382 student is to engage in full-class teaching.

Students are responsible for securing their own transportation to fulfill this practicum experience.

Registration Information

- Prerequisites: Professional status in the Teacher Education Program, EDU-230 and EDU-363.
- Co-requisite: This course is to be taken concurrently with EDU-381.
- Note: This course is to be taken 1 or 2 semesters prior to student teaching.
- Applications must be submitted by the last Friday of September or February prior to the placement semester.

EDU-430 Capstone Seminar: Directed Teaching**3/1**

This seminar which is taken concurrently with EDU-482-487,491 will include such topics as: explanation/role of the student teacher and cooperating teacher, classroom procedures/routines, planning, multi-cultural/differentiation/mainstreaming/inclusive education, classroom management, effective school research, religion in the public school, critical issues in education, parent teacher conferencing, MTTC tests/certification, career planning and placement, portfolio assessment. Prerequisites: Professional status in the teacher education program, EDU-230. Taken with Directed Teaching Practicum, EDU-482-487, 491.

EDU-431 Admin./Supervision of Early Childhood Programs**3/2**

Problems, challenges and issues related to the appropriate administration and supervision of early childhood programs. Analysis of record keeping requirements and legal issues related to the operation of early childhood centers. Current models and techniques for improving instruction in early childhood programs. Prerequisite: EDU-230.

EDU-432 Current Issues in Learning Disabilities Education**3/2**

This course will be an exploration of issues impacting the field of special education, including an understanding of collaboration; inclusion and the role para-educators play in supporting special needs students. Concurrent with EDU-434 and PSY-441. Prerequisite: EDU-233, EDU-234, EDU-335, EDU-338, Admission to the Teacher Education Program (Professional Status).

EDU-434 Practicum in Learning Disabilities**6/2**

Emphasis on learning practical methods while participating in the special education classroom under the supervision of a practicing professional (Concurrent with EDU-432) Prerequisites: EDU-230, EDU-234, EDU-335, EDU-338, admission to teacher education program and all methods, EDU courses and core classes must be completed prior to the practicum term.

EDU-441 Assessing Beginning Literacy**3/1**

This class will address developmentally appropriate instructional and assessment practices; characteristics of developmental stages of literacy learning; appropriate instructional and assessment strategies for each developmental stage; classroom management and organization; purposes, administration, scoring, and methods of using assessment to inform instruction. Guided tutorial experiences are based on the application of Michigan Literacy Progress Profile and Response to intervention. Prerequisites: EDU-342 and 445 (or concurrent with EDU-445).

EDU-443 Severe Reading Problems**3/2**

This class will address intense reading disabilities that require specific methods of instruction to correct. Students will learn how to identify, assess and diagnose reading problems; determine causes of reading problems, such as, environment, physiological or ineffective instruction; learn to develop organized sequential lesson plans that directly teach each of the following phonetic/language concepts: phonological awareness, basic sound/symbol relationships, six syllable patterns, spelling rules, prefixes and suffixes, non-phonetic words and syllable division rules; implement lesson plans using reading, spelling and concept decks, simultaneous oral spelling, blending and segmenting; and multisensory activities. Elementary Prerequisites: EDU-342 and 445 (or concurrent with EDU-445); Secondary Prerequisite: EDU-344.

EDU-445	Assessing and Correcting Reading Problems	4/1
This is a second level course in reading instruction for elementary or secondary teachers. The focus of the course is on instruction and assessment in the regular classroom utilizing a contemporary view of the reading process. The course also includes such topics as reader motivation and attitudes, causes of reading failure, metacognition and reading, and instructional strategies for corrective and remedial instruction. This course includes a practicum involving an intensive tutorial experience applying research-based educational tools. Prerequisites: EDU-342, Professional Status in the teacher education program, EDU-230.		
EDU-450	Elementary Science Methods	3/1
The teaching of science in this course focuses on a guided discovery teaching/learning. Emphasis is placed on hands-on/minds-on activity-based science teaching and learning. The goal is to prepare prospective teachers to teach science through the scientific processes of identifying problems, making observations, constructing hypotheses, analyzing results, making inferences, synthesizing and evaluating conclusions. Special attention is given to the integration of science with Scripture as well as with the teaching of other elementary school subjects. Lab fee applied. Prerequisite: Professional Status in the teacher education program, EDU-230, and completion of SCI-201 and SCI-311.		
EDU-453	Secondary Biology Practicum	3/6
Student will be involved in a school-based experience in biology under the guidance of a certified teacher of biology and under the supervision of a Cornerstone University professor. Biology Practicum may be used only with an Integrated Science Major. Prerequisite: SCI-465. Applications must be submitted by the first Friday of November or March prior to placement.		
EDU-460	Elementary Social Studies Methods	3/1
This course presents an integrated approach to social studies in the elementary school. The course considers new trends in the teaching of social studies with an emphasis on the interdisciplinary study to prepare students to live in a new world, where old boundaries are gone, with people who are different from themselves. Topics included are: developmental issues, curriculum content and formats, teaching and learning, design of instruction, assessment, global and multicultural education, critical thinking, and valuing. Teaching children to function as responsible citizens in their society is essential for any democracy to continue and progress. Prerequisites: Professional Status in the teacher education program, EDU-230 and completion of two core social studies classes.		
EDU-465	Methods of Teaching a Foreign Language (LIN/SPA 465)	3/2
An exploration of various methods and techniques used to teach language components (grammar, vocabulary, pronunciation) and language skills (reading, writing, listening, and speaking). Practice in developing and implementing balanced and effective language lesson plans will be provided along with evaluating and selecting appropriate ESL teaching materials. Application of evaluation techniques and assessment procedures and the use of technology will be emphasized. Prerequisites: Professional Status in the teacher education program, EDU-230.		
EDU-466	Secondary Journalism Practicum	3/1
Student will be involved in a school-based experience in journalism under the guidance of a certified journalism teacher and under the supervision of a Cornerstone University professor. Journalism Practicum may be used only with an English major. Applications must be submitted by the first Friday of November or March prior to placement.		
EDU-468	Secondary Psychology Practicum	3/1
Student will be involved in a school-based experience in psychology under the guidance of a certified teacher of psychology and under the supervision of a Cornerstone University professor. Psychology Practicum may be used only with a Social Studies or History major. Applications must be submitted by the first Friday of November or March prior to placement.		
EDU-469	Secondary Chemistry Practicum	3/1
Student will be involved in a school-based experience in chemistry under the guidance of a certified teacher of chemistry and under the supervision of a Cornerstone University professor. Chemistry Practicum may be used only with a Biology major. Applications must be submitted by the first Friday of November or March prior to placement.		
EDU-470	Directed Readings	1-3/6
Guided readings and reports in the student's areas of interest and need. Prerequisite: approval of the director of teacher education, EDU-230.		
EDU-480	Advanced Topics	1-4/6
This is a workshop or a directed studies course covering special or current topics in education. Examples of course topics are classroom management, cooperative learning, the exceptional child, and educational assessment. Prerequisites: admission to the teacher education program and permission of the instructor and the director of teacher education, EDU-230.		
EDU-481	Field Experience: Early Childhood	6/6
Involvement in off-campus approved early childhood settings under the guidance of the cooperating teacher and the college supervisor. Involvement in the total program (church/community) of the early childhood center are a required part of the program. Open to students who have been approved by the Early Childhood Field Experience Screening Committee. Prerequisites: EDU-230. All ECE courses completed. Application must be completed by the end of mid-term week prior to placement semester.		
EDU-482	Elementary Directed Teaching Practicum	12/1
EDU-483	Elementary Directed Teaching Practicum/Cross-Cultural	12/6
EDU-484	Secondary Directed Teaching Practicum	12/1
EDU-485	Secondary Directed Teaching Practicum/Cross-Cultural	12/6
EDU-486	K-12 Directed Teaching Practicum	12/1

- EDU-487** **K-12 Directed Teaching Practicum/Cross-Cultural** **12/6**
 The practicum for directed teaching is for one full semester and must include the full school day. Students will ensure application of the knowledge, skills, and attitudes to meet program and performance standards specified in detail in the Teacher education Handbook. By the end of this experience, student teachers must demonstrate personal qualities related to teaching, ability to plan instruction, knowledge of content and learning theories, classroom management skills, ability to assess and evaluate and a professional character. Students are required to provide their own transportation. Placement for Practicums EDU 482, 484 and 486 is within a fifty-mile radius of Cornerstone. Prerequisite: admission to the professional teaching semester and all course work completed. K-12 practicums require experience at both the elementary and secondary levels.
- EDU-483, 485, 487** **Directed Teaching Practicum/Cross-Cultural** **12/6**
 The practicum for directed teaching with International/Cross-Cultural experience is for one semester and must include the full school day. Students will ensure application of the knowledge, skills, and attitudes to meet program and performance standards specified in detail in the Teacher education Handbook. By the end of this practicum, student teachers must demonstrate personal qualities related to teaching, ability to assess and evaluate, and a professional character. The student and instructor will develop an agreement that will specify the duration, setting and learning objectives of the International/Cross-Cultural experience. Students are required to provide their own transportation. Prerequisite: Admission to the professional teaching semester and permission of the supervisor of practicum experiences.
- EDU-488** **Advanced Practicum in Teacher education** **2-6/1**
 This enrichment-level supervised clinical practicum allows for a variety of experiences on and off campus, in another country or in a culturally diverse setting. The student and instructor will develop an agreement that will specify the duration, setting and learning objectives prior to granting the student permission to enroll in EDU 488. The expected outcomes and assessment criteria will also be included in the agreement. Prerequisites: permission of the director of teacher education.
- EDU-489** **TESOL Practicum** **6/6**
 Students will teach in a multilingual setting under the supervision of an experienced TESOL teacher. They will implement lesson plans which they have developed, use a variety of teaching methods, audio-visuales, and other teaching resources and assess the educational, cultural, and linguistic needs of English language learners. Application must be completed by either the first Friday of March or November prior to placement.
- EDU-490** **Independent Study** **1-3/6**
 With faculty supervision, the student researches and reports on a topic or an area of interest. Prerequisite: approval of the director of teacher education.
- EDU-491** **K-12 Music Directed Teaching Practicum** **9/1**

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