

FALL

FRESHMAN (2020)

IDS-103	CU Foundations I	1
MAT-131	Calculus I*	5
ENG-212	Writing & Culture**	3
COM-112	Communication in Culture	3
HIS-114	World Civilization II	3
KIN-XXX	KIN Activity course	1
		16

SOPHOMORE (2021)

MAT-241	Applied Linear Algebra	3
MAT-245	Mathematical Proofs	3
MAT-234	Multivariate Calculus	3
REL-204	New Testament Literature	3
	General elective	3
		15

JUNIOR (2022)

KIN-100	Total Fitness & Wellness	2
MAT-251	Probability & Statistics	3
MAT-333	Real Analysis	3
PHY-221	Physics for Scientists & Engineers****	5
	General elective	1
		14

SENIOR (2023)

MAT-341	Modern Algebra	3
REL-352	Christian Beliefs & History	3
HUM-311	Imagination in Culture	3
	General electives	6
		15

SPRING

FRESHMAN (2021)

IDS-104	CU Foundations II	1
MAT-132	Calculus II	5
REL-104	Old Testament Literature	3
IDS-101	Creativity, Innovation & Problem Solving	2
	General elective	3
		14

SOPHOMORE (2022)

MAT-233	Differential Equations	3
PHI-211	Philosophy in Culture	3
	General electives	6
	Social Science Requirement***	3
		15

JUNIOR (2023)

MAT-380	Internship	3
MAT-401	Capstone Seminar	3
MAT-244	Methods in Mathematical Research	3
	General elective	3
	Global Studies Requirement could take as a J or May term trip	3
		15

SENIOR (2024)

SCI-311	Science in Culture	3
MAT-480	Advanced Topics in Mathematics	3
	Remaining electives	10
		16

TOTAL CREDITS

120

*Selection based on Math ACT/SAT score at the time of registration; plan assumes student is able to place into higher level math courses within Freshman year

**English placement based on ACT/SAT score

***Choose One: PSY 111, SOC 111, ECN 231, ECN 232, CMI 223, SSC 161, SSC 211, SSC 262

****Meets General Education Lab/Science requirement

FOREIGN LANGUAGE REQUIREMENT

CHOOSE ONE. SELECT THE OPTION THAT FITS YOUR ACADEMIC HISTORY.

OPTION 1	OPTION 2	OPTION 3	OPTION 4
You completed at least three years of the same Foreign Language in High School <i>*Foreign Language requirement is MET</i>	You completed at least two years of the same Foreign Language in High School <i>*Take LIN 100 <u>OR</u> a second semester course in a foreign language (IE: SPA 102)</i>	You completed 1 or less years of Foreign Language in High School <i>*Take a 1st and 2nd semester Foreign Language sequence (IE: SPA 101 & SPA 102)</i>	You completed 1 or less years of Foreign Language in High School <i>*Take LIN 100 + 1st semester Foreign Language (IE: LIN 100 + SPA 101)</i>

RELATED COURSES THAT FULFILL GLOBAL STUDIES REQUIREMENT:

For a full list of courses see Academic Catalog

CMI-243	Introduction to Intercultural Studies	3
COM-311	Intercultural Communication	3
SSC-312	World Affairs	3
LIN-100	Language in Culture *meets partial Foreign Language Requirement	3
	International Study Trip	3

REQUIRED MATHEMATICS COURSES

		Credit Hours
MAT-131	Calculus I	5
MAT-132	Calculus II	5
MAT-233	Differential Equations	3
MAT-234	Multivariate Calculus	3
MAT-241	Applied Linear Algebra	3
MAT-244	Methods in Mathematical Research	3
MAT-245	Mathematical Proofs	3
MAT-251	Probability and Statistics	3
MAT-333	Real Analysis	3
MAT-341	Modern Algebra	3
MAT-380	Internship	3
MAT-401	Capstone Seminar: The History of Mathematical Sciences	3
MAT-480	Advanced Topics in Mathematical Sciences	3
PHY-221	Physics for Scientists and Engineers I	5

CUMULATIVE TOTAL 48