

PRE-PHYSICIAN'S ASSISTANT: BACHELOR OF SCIENCE

Four-Year Planning Guide ■ Catalog Year 2018-2019

FALL

FRESHMAN (2018)

| | | |
|---------|---|-----------|
| IDS-103 | CU Foundations I/Terra Firma | 1 |
| MAT-XXX | MAT cognate course* | 3 |
| ENG-212 | Writing & Culture** | 3 |
| BIO-151 | General Biology | 4 |
| REL-104 | Old Testament Literature | 3 |
| IDS-101 | Creativity, Innovation, & Problem Solving | 2 |
| | | 16 |

SOPHOMORE (2019)

| | | |
|---------|------------------------|-----------|
| CHM-121 | General Chemistry I | 4 |
| BIO-241 | Anatomy & Physiology I | 4 |
| MAT-151 | Statistics | 3 |
| PSY-235 | Lifespan Development | 3 |
| KIN-1XX | KIN Activity course | 1 |
| | | 15 |

JUNIOR (2020)

| | | |
|---------|------------------------|------------|
| BIO-351 | Genetics | 4 |
| HUM-311 | Imagination in Culture | 3 |
| | Pre-PA elective**** | 2-4 |
| | General electives | 6 |
| | | 15+ |

SENIOR (2021)

| | | |
|---------|-----------------------------|------------|
| REL-352 | Christian Beliefs & History | 3 |
| BIO-400 | Bioethics & Argument Theory | 3 |
| SCI-496 | Senior Research Seminar | 1 |
| | General elective | 3 |
| | Major cognate elective**** | 4+ |
| | | 14+ |

SPRING

FRESHMAN (2019)

| | | |
|---------|-------------------------------|-----------|
| IDS-104 | CU Foundations II/Terra Firma | 1 |
| HIS-114 | World Civilization II | 3 |
| PSY-111 | General Psychology*** | 3 |
| COM-112 | Communication in Culture | 3 |
| REL-204 | New Testament Literature | 3 |
| KIN-100 | Total Fitness & Wellness | 2 |
| | | 15 |

SOPHOMORE (2020)

| | | |
|---------|-------------------------|-----------|
| CHM-122 | General Chemistry II | 4 |
| BIO-242 | Anatomy & Physiology II | 4 |
| PHI-211 | Philosophy in Culture | 3 |
| | General electives | 4 |
| | | 15 |

JUNIOR (2021)

| | | |
|---------|---|-----------|
| CHM-212 | Principles of Organic & Biochemistry | 4 |
| BIO-352 | Microbiology | 4 |
| SCI-380 | Internship | 3 |
| | Global Studies Requirement | 3 |
| | Could take as a J or May term trip | |
| | | 14 |

SENIOR (2022)

| | | |
|---------|-------------------------|-----------|
| SCI-361 | Evolution & Origins | 3 |
| SCI-495 | Senior Research Project | 1 |
| | General electives | 12 |
| | | 16 |

TOTAL CREDITS

120

*MAT 121 or MAT 122. MAT 122 is only offered in spring semesters. Selection based on Math placement score at the time of registration

**English placement based on ACT/SAT score

***PSY 111 meets Core Social Science Requirement

****See back page for approved elective options

RELATED COURSES THAT FULFILL GLOBAL STUDIES REQUIREMENT:

For a full list of courses see pg. 36 of the Academic Catalog

| | | |
|----------------|--|----------|
| CMI-243 | Introduction to Intercultural Studies | 3 |
| COM-311 | Intercultural Communication | 3 |
| SSC-312 | World Affairs | 3 |
| LIN-100 | Language in Culture | 3 |
| | International Study Trip | 3 |

APPROVED PRE-PHYSICIAN'S ASSISTANT ELECTIVES (CHOOSE ONE):

| | | | |
|---------------------------------|---|--|---|
| BIO 347- Nutrition | 3 | KIN 346- Exercise Testing & Prescription | 3 |
| BIO 353- Pathophysiology | 3 | SCI 242- Medical Terminology | 2 |
| BIO 451- Molecular Cell Biology | 4 | SCI 346- Pharmacology | 3 |
| KIN 341- Anatomical Kinesiology | 4 | SCI 423- Neuroscience | 3 |
| KIN 342- Exercise Physiology | 3 | | |

APPROVED MAJOR COGNATE ELECTIVES (CHOOSE ONE GROUP):

GROUP ONE

GROUP TWO

| | | | |
|---|---|--------------------|---|
| CHM 230- Organic Chemistry I Lab (co-req CHM 231) | 2 | PHY 211- Physics I | 4 |
| CHM 231- Organic Chemistry I (co-req CHM 230) | 3 | | |

REQUIRED PRE-PHYSICIAN'S ASSISTANT COURSES

Credit Hours

| | | |
|---------|--|-----|
| BIO-151 | General Biology | 4 |
| BIO-241 | Anatomy and Physiology I | 4 |
| BIO-242 | Anatomy and Physiology II | 4 |
| BIO-351 | Genetics | 4 |
| BIO-352 | Microbiology | 4 |
| BIO-400 | Capstone: Bioethics and Argument Theory | 3 |
| CHM-121 | General Chemistry I | 4 |
| CHM-122 | General Chemistry II | 4 |
| CHM-212 | Principles of Organic and Biochemistry | 4 |
| MAT-XXX | MAT Cognate (Choose either MAT 121- College Algebra or MAT 122- Pre-calculus) | 3-4 |
| MAT-151 | Statistics | 3 |
| PSY-111 | General Psychology | 3 |
| PSY-235 | Lifespan Development Psychology | 3 |
| SCI-361 | Evolution and Origins | 3 |
| SCI-380 | Internship | 3 |
| SCI-495 | Senior Research Project | 1 |
| SCI-496 | Senior Research Seminar | 1 |
| | Major elective (See approved list above to choose appropriate courses) | 2-4 |
| | Pre-Physician's Assistant elective | 4-5 |

CUMULATIVE TOTAL 61-65