

Pre-Health Professions Sciences Certificate

This post-baccalaureate certificate program provides a fundamental education in the sciences to students preparing to enroll in a health-related professional school or pursue a career in the health professions.

To be eligible for this certificate, a student must possess a bachelor's degree from an institution accredited by the appropriate regional accrediting association. Students are strongly encouraged to check the admissions requirements for the professional schools and programs of their choice. Students will work in collaboration with their assigned CPS advisor and an advisor in the Health Professions Advising Program to align courses with their interests and needs. A total of 15 credits may be transferred in at the time of admission.

Program: Pre-Health Professions

Type: Certificate

Certificate Requirements (30 Credits)

| Course | Title | Credits |
|-----------|--------------------------------|---------|
| BIO 1205 | Human Anatomy & Physiology I | 4 |
| BIO 1206 | Human Anatomy & Physiology II | 4 |
| BIO 2105 | General Biology I | 4 |
| BIO 2106 | General Biology II | 4 |
| BIO 3055 | Human Physiology | 4 |
| BIO 3105 | Biostatistics & Exp Design | 4 |
| BIO 3351 | Genetics | 4 |
| BIO 3455 | Histology | 4 |
| BIO 3595 | General Microbiology | 4 |
| CHM 1151 | General Chemistry I | 4 |
| CHM 1103 | General Chemistry Lab I | 1 |
| CHM 1152 | General Chemistry II | 4 |
| CHM 1104 | General Chemistry Lab II | 1 |
| CHM 2211 | Organic Chemistry I | 3 |
| CHM 2201 | Organic Chemistry Lab I | 1 |
| CHM 2212 | Organic Chemistry II | 3 |
| CHM 2202 | Organic Chemistry Lab II | 1 |
| | CHM 4611 or CHM 4621 | 3 |
| PHY 1100 | General Physics I | 3 |
| PHY 1101 | General Physics I Lab | 1 |
| PHY 1102 | General Physics II | 3 |
| PHY 1103 | General Physics II Lab | 1 |
| CLA 2021 | Language of Science & Medicine | 3 |
| PSY 1000 | General Psychology | 3 |
| PSY 3200 | Human Development | 3 |
| PSY 3700 | Psychopathology | 3 |
| STAT 1313 | Statistics for Life Sciences | 3 |
| MAT 1500 | Calculus I | 4 |
| MAT 1505 | Calculus II | 4 |
| STAT 1230 | Intro Statistics I | 3 |
| THL 4200 | Ethics of Life and Death | 3 |

Category Descriptions

CHM 4611 or CHM 4621

Credits: 3

Choose one.

| Course | Title | Credits |
|---------------|---------------------------|----------------|
| CHM 4611 | Survey of Biochemistry | 3 |
| CHM 4621 | Biochemistry I: Structure | 3 |