Students should check admissions requirements and recommendations of individual professional programs to assure completion of prerequisites. **Strongly recommended and recommended courses are more likely to vary among individual programs in each profession.**

<table>
<thead>
<tr>
<th>Profession</th>
<th>Doctoral</th>
<th>Doctoral &amp; Masters</th>
<th>Masters</th>
<th>Athletic Training (MAT)</th>
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<tbody>
<tr>
<td>DENTISTRY</td>
<td>(DMD, DDS)</td>
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<tr>
<td>MEDICINE</td>
<td>(MD, DO, DPM, DC, ND)</td>
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<td>OPTOMETRY</td>
<td>(OD)</td>
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<td>PHARMACY</td>
<td>(PHARM D)</td>
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<td>PHYSICAL THERAPY (DPT)</td>
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<td>VETERINARY MEDICINE (DVM)</td>
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<td>OCCUPATIONAL THERAPY (OTD/MSOT)</td>
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<td>PHYSICIAN ASSISTANT (MPAS)</td>
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<td>ATHLETIC TRAINING (MAT)</td>
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</table>

**Biology**

- **Foundations I-II**
  - BIO 140 & 140L
  - BIO 150 & 150L
  - ≥ 16 BIO credits
  - Strongly Recommended
  - Microbiology (245 & 245L)§
  - Human Anatomy (290 & 290L)
  - Animal Physiology (370)§
- **Recommended**
  - Genetics (240 & 240L)§
  - Cell & Molec Bio (304)§
  - Histology (482)§

**Chemistry**

- **General Chem I-II**
  - CHEM 131 & 131L
  - CHEM 132 & 132L
- **Organic Chem I-II**
  - CHEM 241§
  - CHEM 242 & 242L§
  - Biochemistry CHEM 361§
- **Recommended**
  - Genetics (240 & 240L)§
  - Cell & Molec Bio (304)§
  - Immunology (343)§
  - Histology (482)§

**Physics**

- **College Physics I-II**
  - PHYS 140 & 140L
  - PHYS 150 & 150L§
  - ≥ 12 BIO credits
  - Strongly Recommended
  - Microbiology (245 & 245L)§
  - Human Physiology and Anatomy (270 & 270L)
  - Cell & Molec Bio (304)§
  - Animal Physiology (370)§
  - ≥ 4 BIO credits
  - Strongly Recommended
  - Genetics (240 & 240L)§
  - Cell & Molec Bio (304)§
  - Immunology (343)§
  - Molec Biology (480)§

**Math**

- **Mathematics**
  - 6 credits
  - Strongly Recommended
  - 3 credits of Statistics
  - 3-4 credits of Calculus

- **Statistics**
  - MATH 220 or MATH 229
  - Calculus
  - 3-4 credits: MATH 205, 231, 233, or 235

- **Statistics**
  - MATH 220 or MATH 229
  - Calculus
  - 3-4 credits: MATH 205, 231, 233, or 235

- **Statistics**
  - MATH 220 or MATH 229
  - Recommended
  - Calculus: MATH 205, 231, 233, or 235

- **Statistics**
  - MATH 220 or MATH 229
  - Calculus
  - 3-4 credits: MATH 205, 231, 233, or 235

- **Statistics**
  - MATH 220 or MATH 229
  - Recommended
  - 3 additional credits of Mathematics

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<tr>
<th>SOCIAL &amp; BEHAVIORAL SCIENCES</th>
<th>COMMUNICATION</th>
<th>HEALTH &amp; KINESIOLOGY</th>
<th>OPTOMETRY</th>
<th>PHARMACY</th>
<th>PHYSICAL THERAPY</th>
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<tr>
<td>≥ 3 credits Psychology or Sociology</td>
<td>Psychology Gen Psychology (101)</td>
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<td>Psychology ≥ 6 credits of PSYC Gen Psychology (101) Life Span Human Development (160) Abnormal Psychology (250 or 335**)</td>
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<tr>
<td>≥ 3 credits of ANTH or PSYC or SOCI Recommended: Health Psychology (PSYC 308), Med Sociology (SOCI 375), Mental Health &amp; Illness, (SOCI 385), Med Anthropology (ANTH360)</td>
<td>Writing WRTC 103 Literature Any GenEd C2L or Great Works (HUM 200)</td>
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<td>≥ 3 credits</td>
<td>Exercise Physiology KIN 302+302L** Medical Terminology HTH 210* Recommended Medical Terminology HTH 210*</td>
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<td>≥ 3 credits</td>
<td>Communication Any C1HC</td>
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<tr>
<td>≥ 3 credits</td>
<td>Recommended C1C2 &amp; MCAT prep: Critical Thinking (PHIL 120)</td>
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** Declaration of PPH minor does not give enrollment access for class during advanced registration; PPH minor given enrollment access during open enrollment.

*** Admissions committees place heavy emphasis on these Biology courses. Students are encouraged to take math and 100-level Biology courses first. Students are strongly encouraged to take at a 4-year institution.

Course offered in Fall Semester

Course offered in Spring Semester

Course offered in Summer Session

Updated: 05/11/2023 (pending approval)