**Pre-Therapy and Allied Health Option**

This option is offered within the following major(s):


This program is designed for students interested in pursuing admission to medical school or a professional program in the allied health professions, such as athletic training, nursing, occupational therapy, physical therapy, or physician assistant.

The Pre-Therapy and Allied Health option requires the completion of one of six professional tracks:

1. Pre-Athletic Training
2. Pre-Medicine
3. Pre-Nursing
4. Pre-Occupational Therapy
5. Pre-Physical Therapy
6. Pre-Physician Assistant

**Option Code: 732**

Pre-Therapy and Allied Health is an undergraduate option that may be added to the Kinesiology major once the following admission standards have been met. Students may apply for admission to the PTAH option after completion of 90 credits. Requirements for admission include:

- Cumulative GPA of 3.0 and,
- A grade of 'C' or better and average GPA of 2.7 or higher in one of the anatomy and physiology series:
  - BI 231 – BI 233 and BI 241 – BI 243
  - BI 331 – BI 333 and BI 341 – BI 343
  - Z 331-Z 333 and Z 341-Z 343 (these courses have terminated but will still be accepted if they were taken)

### Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIN 132 or BI 109</td>
<td>Introduction to the Allied Health Professions (Pre-Med students should take BI 109)</td>
<td>1</td>
</tr>
<tr>
<td>KIN 325</td>
<td>Health Professions: Medical</td>
<td>3</td>
</tr>
<tr>
<td>KIN 343</td>
<td>Pre-Therapy/Allied Health Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PHAR 210</td>
<td>Terminology of the Health Sciences</td>
<td>2</td>
</tr>
<tr>
<td>PSY 201 &amp; PSY 202</td>
<td>General Psychology</td>
<td>8</td>
</tr>
<tr>
<td>SOC 204</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>ST 351 or ST 201</td>
<td>Introduction to Statistical Methods</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Principles of Statistics</td>
<td></td>
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<tr>
<td></td>
<td>Select four of the following KIN supporting courses:</td>
<td>12-16</td>
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<tr>
<td>KIN 394</td>
<td>Professional Activities: Resistance Training Program Design</td>
<td></td>
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<tr>
<td>KIN 395</td>
<td>Professional Activities: Group Fitness</td>
<td></td>
</tr>
<tr>
<td>KIN 396</td>
<td>Professional Activities: Aquatics</td>
<td></td>
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<tr>
<td>KIN 423</td>
<td>Qualitative Movement Analysis</td>
<td></td>
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<tr>
<td>KIN 425</td>
<td>Anatomical Kinesiology (Required for Pre-Athletic Training)</td>
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</tbody>
</table>

### Tracks

- **Pre-Athletic Training Track (37 credits)**
  - BI 103 *Human Biology: Anatomy, Physiology and Disease
  - COMM 326 Intercultural Communication
  - H 225 *Social and Individual Health Determinants
  - KIN 360 Injury Management for the Physically Active
  - KIN 341/NUTR 341 Nutrition for Exercise
  - KIN 344 Pre-Therapy/Allied Health Practicum
  - KIN 380 Therapeutic Modalities
  - KIN 385 Therapeutic Exercise
  - KIN 425 Anatomical Kinesiology
  - KIN 483 Tissue Injury and Repair
  - PHL 444/REL 444 *Biomedical Ethics

- **Pre-Medicine Track (55 credits)**
  - BB 450 General Biochemistry
  - BB 451 General Biochemistry
  - BB 314 Cell and Molecular Biology
  - BI 221 *Principles of Biology: Cells
  - & BI 222 and *Principles of Biology: Organisms
  - & BI 223 and *Principles of Biology: Populations
  - CH 331 Organic Chemistry
  - & CH 332 and Organic Chemistry
  - CH 337 Organic Chemistry Laboratory
  - MB 302 General Microbiology
  - MB 303 General Microbiology Laboratory
  - PH 201 *General Physics
  - & PH 202 and *General Physics
  - & PH 203 and *General Physics
  - MTH 251 *Differential Calculus (Recommended, not required)

- **Pre-Nursing Track (26 credits)**
  - H 225 *Social and Individual Health Determinants
  - H 312 HIV/AIDS and STIs in Modern Society
  - H 320 Introduction to Human Disease
  - MB 230 *Introductory Microbiology
  - PHL 205 *Ethics
  - PHL 444/REL 444 *Biomedical Ethics

- **Select one of the following psychology courses:**
  - PSY 330 Brain and Behavior
  - PSY 350 Human LifeSpan Development
  - PSY 381 Abnormal Psychology

- **Pre-Occupational Therapy Track (49-50 credits)**
  - BI 221 *Principles of Biology: Cells
  - & BI 222 and *Principles of Biology: Organisms
  - & BI 223 and *Principles of Biology: Populations
  - or BI 101 *Environmental Biology: Ecology, Conservation, Global Change
  - & BI 102 and *Animal Biology: Genes, Behavior and Evolution of Life
  - & BI 103 and *Human Biology: Anatomy, Physiology and Disease
  - KIN 344 Pre-Therapy/Allied Health Practicum
  - KIN 380 Therapeutic Modalities
  - KIN 385 Therapeutic Exercise
  - PH 201 *General Physics
  - & PH 202 and *General Physics

- **Applied Art Courses**
  - Select one of the following medical/health related courses:
    - H 225 *Social and Individual Health Determinants
    - H 312 HIV/AIDS and STIs in Modern Society
### Pre-Therapy and Allied Health Option

<table>
<thead>
<tr>
<th>Option Code</th>
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<tbody>
<tr>
<td>732</td>
<td>Pre-Therapy and Allied Health Option (48-49 credits)</td>
</tr>
</tbody>
</table>

Select two of the following psychology courses:

- PSY 330  
  BRAIN AND BEHAVIOR
- PSY 350  
  HUMAN LIFESPAN DEVELOPMENT
- PSY 381  
  ABNORMAL PSYCHOLOGY

**Pre-Physical Therapy Track** (48-49 credits)

Select one of the following medical/health related courses:

- H 225  
  *SOCIAL AND INDIVIDUAL HEALTH DETERMINANTS
- H 312  
  HIV/AIDS AND STIS IN MODERN SOCIETY
- H 320  
  INTRODUCTION TO HUMAN DISEASE
- H 320  
  INTRODUCTION TO HUMAN DISEASE

Select two of the following psychology courses:

- PSY 330  
  BRAIN AND BEHAVIOR
- PSY 350  
  HUMAN LIFESPAN DEVELOPMENT
- PSY 381  
  ABNORMAL PSYCHOLOGY

**Pre-Physician Assistant Science Track** (50-51 credits)

Select one of the following medical/health related courses:

- H 225  
  *SOCIAL AND INDIVIDUAL HEALTH DETERMINANTS
- H 312  
  HIV/AIDS AND STIS IN MODERN SOCIETY
- H 320  
  INTRODUCTION TO HUMAN DISEASE

Select two of the following psychology courses:

- PSY 330  
  BRAIN AND BEHAVIOR
- PSY 350  
  HUMAN LIFESPAN DEVELOPMENT
- PSY 381  
  ABNORMAL PSYCHOLOGY

**Suggested Electives for All Tracks**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 483</td>
<td>ADVANCED MEDICAL ANTHROPOLOGY</td>
<td>4</td>
</tr>
<tr>
<td>BB 350</td>
<td>ELEMENTARY BIOCHEMISTRY</td>
<td>4</td>
</tr>
<tr>
<td>BI 311</td>
<td>GENETICS</td>
<td>4</td>
</tr>
<tr>
<td>CH 331</td>
<td>ORGANIC CHEMISTRY</td>
<td>8</td>
</tr>
<tr>
<td>&amp; CH 332</td>
<td>ORGANIC CHEMISTRY</td>
<td></td>
</tr>
<tr>
<td>CH 337</td>
<td>ORGANIC CHEMISTRY LABORATORY</td>
<td>4</td>
</tr>
<tr>
<td>H 210</td>
<td>*INTRODUCTION TO THE HEALTH CARE SYSTEM</td>
<td>3</td>
</tr>
<tr>
<td>H 225</td>
<td>*SOCIAL AND INDIVIDUAL HEALTH DETERMINANTS</td>
<td>4</td>
</tr>
<tr>
<td>H 250</td>
<td>INTRODUCTION TO HEALTH CARE MANAGEMENT</td>
<td>3</td>
</tr>
</tbody>
</table>

* Baccalaureate Core Course (BCC)

1. All required courses in the Pre-Therapy and Allied Health option must be taken in the normal grading basis, A–F. A grade of C– or better is required in all courses fulfilling the Kinesiology major and PTAH option requirements.
2. Students must complete a total of 180 credits required for a degree. It is strongly suggested that students examine prerequisite requirements for professional schools and utilize elective credits to meet additional requirements. Students may complete foreign language credits as elective credits.

**Option Code:** 732