**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)

**Code | Title | Credits**
--- | --- | ---
KIN 132 | INTRODUCTION TO THE ALLIED HEALTH PROFESSIONS | 1
KIN 132 or BI 109 | (Pre-Med students should take BI 109) HEALTH PROFESSIONS: MEDICAL | 1
KIN 325 | FITNESS ASSESSMENT AND EXERCISE PRESCRIPTION | 3
KIN 343 | PRE-THERAPY/ALLIED HEALTH SEMINAR | 1
PHAR 210 | TERMINOLOGY OF THE HEALTH SCIENCES | 2
PSY 201 | *GENERAL PSYCHOLOGY | 8
& PSY 202 | *GENERAL PSYCHOLOGY | 8
SOC 204 | *INTRODUCTION TO SOCIOLOGY | 3
ST 351 | INTRODUCTION TO STATISTICAL METHODS | 4
or ST 201 | PRINCIPLES OF STATISTICS | 4
Select four of the following KIN supporting courses: | 12-16
KIN 394 | PROFESSIONAL ACTIVITIES: RESISTANCE TRAINING PROGRAM DESIGN | 3
KIN 395 | PROFESSIONAL ACTIVITIES: GROUP FITNESS | 3
KIN 396 | PROFESSIONAL ACTIVITIES: AQUATICS | 3
KIN 423 | QUALITATIVE MOVEMENT ANALYSIS | 3
KIN 425 | ANATOMICAL KINESIOLOGY (Required for Pre-Athletic Training) | 3
KIN 434 | APPLIED MUSCLE PHYSIOLOGY | 3
KIN 437 | PHYSICAL ACTIVITY, AGING, AND CHRONIC DISEASE | 3
KIN 444 | ADVANCED ADAPTED PHYSICAL ACTIVITY | 3
KIN 483 | TISSUE INJURY AND REPAIR (Required for Pre-Athletic Training) | 3

**Tracks**

Select one of the following tracks: 26-55

**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 | *BIOMETICAL 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 | ORGANIC CHEMISTRY |
- CH 333 | 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 STDS IN MODERN SOCIETY |
- H 320 | INTRODUCTION TO HUMAN DISEASE |
- MB 330 | *INTRODUCTORY MICROBIOLOGY |
- PHL 205 | *ETHICS |
- PHL 444/REL 444 | *BIOMETICAL 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 | PRE-OCCUPATIONAL THERAPY |
- & 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 STDS IN MODERN SOCIETY |
Pre-Therapy and Allied Health Option

H 320  INTRODUCTION TO HUMAN DISEASE
PHL 444/REL 444  *BIOMEDICAL ETHICS

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)

BI 221  *PRINCIPLES OF BIOLOGY CELLS
& BI 222  and *PRINCIPLES OF BIOLOGY ORGANISMS
& BI 223  and *PRINCIPLES OF BIOLOGY POPULATIONS
KIN 344  PRE-THERAPY/ALLIED HEALTH PRACTICUM
KIN 380  THERAPEUTIC MODALITIES
KIN 385  THERAPEUTIC EXERCISE
PH 201  *GENERAL PHYSICS
& PH 202  and *GENERAL PHYSICS
& PH 203  and *GENERAL PHYSICS

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

PHL 444/REL 444  *BIOMEDICAL ETHICS

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)

BB 450  GENERAL BIOCHEMISTRY
BB 451  GENERAL BIOCHEMISTRY
BI 221  *PRINCIPLES OF BIOLOGY CELLS
& BI 222  and *PRINCIPLES OF BIOLOGY ORGANISMS
& BI 223  and *PRINCIPLES OF BIOLOGY POPULATIONS
BI 311  GENETICS
CH 331  ORGANIC CHEMISTRY
& CH 332  and ORGANIC CHEMISTRY
MB 230  *INTRODUCTORY MICROBIOLOGY
PSY 350  HUMAN LIFESPAN DEVELOPMENT
PSY 381  ABNORMAL PSYCHOLOGY

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

PHL 444/REL 444  *BIOMEDICAL ETHICS

Total Credits 66-99

* 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

2 300 and 400 level KIN courses can count toward fulfilling the KIN Courses Beyond the Core requirements in the Kinesiology major

Option Code: 732

Suggested Electives for All Tracks

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<tr>
<th>Code</th>
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<tr>
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<td>ADVANCED MEDICAL ANTHROPOLOGY</td>
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<td>*INTRODUCTION TO THE HEALTH CARE SYSTEM</td>
<td>3</td>
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<tr>
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<tr>
<td>H 250</td>
<td>INTRODUCTION TO HEALTH CARE MANAGEMENT</td>
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