

PRE-THERAPY AND ALLIED HEALTH OPTION

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

- Kinesiology - College of Public Health and Human Sciences (<http://catalog.oregonstate.edu/college-departments/public-health-human-sciences/school-biological-population-health-sciences/kinesiology-bs-hbs/>)

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
Required Courses ¹		
KIN 132	INTRODUCTION TO THE ALLIED HEALTH PROFESSIONS (Pre-Med students should take BI 109)	1
or BI 109	HEALTH PROFESSIONS: MEDICAL	
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 & PSY 202	*GENERAL PSYCHOLOGY and *GENERAL PSYCHOLOGY	8
SOC 204	*INTRODUCTION TO SOCIOLOGY	3
ST 351	INTRODUCTION TO STATISTICAL METHODS	4
or ST 201	PRINCIPLES OF STATISTICS	
Select four of the following KIN supporting courses: ²		12-16
KIN 394	PROFESSIONAL ACTIVITIES: RESISTANCE TRAINING PROGRAM DESIGN	
KIN 395	PROFESSIONAL ACTIVITIES: GROUP FITNESS	
KIN 396	PROFESSIONAL ACTIVITIES: AQUATICS	
KIN 423	QUALITATIVE MOVEMENT ANALYSIS	
KIN 425	ANATOMICAL KINESIOLOGY (Required for Pre-Athletic Training)	

KIN 434	APPLIED MUSCLE PHYSIOLOGY
KIN 437	PHYSICAL ACTIVITY, AGING, AND CHRONIC DISEASE
KIN 444	ADVANCED ADAPTED PHYSICAL ACTIVITY
KIN 483	TISSUE INJURY AND REPAIR (Required for Pre-Athletic Training)

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	*BIOMEDICAL ETHICS

Pre-Medicine Track (55 credits)

BB 450	GENERAL BIOCHEMISTRY
BB 451	GENERAL BIOCHEMISTRY
BB 314	CELL AND MOLECULAR BIOLOGY
BI 221 & BI 222 & BI 223	*PRINCIPLES OF BIOLOGY: CELLS and *PRINCIPLES OF BIOLOGY: ORGANISMS and *PRINCIPLES OF BIOLOGY: POPULATIONS
CH 331 & CH 332	ORGANIC CHEMISTRY and ORGANIC CHEMISTRY
CH 337	ORGANIC CHEMISTRY LABORATORY
MB 302	GENERAL MICROBIOLOGY
MB 303	GENERAL MICROBIOLOGY LABORATORY
PH 201 & PH 202 & PH 203	*GENERAL PHYSICS and *GENERAL PHYSICS 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 & BI 222 & BI 223	*PRINCIPLES OF BIOLOGY: CELLS and *PRINCIPLES OF BIOLOGY: ORGANISMS and *PRINCIPLES OF BIOLOGY: POPULATIONS
or BI 101 & BI 102 & BI 103	*ENVIRONMENTAL BIOLOGY: ECOLOGY, CONSERVATION, GLOBAL CHANGE and *ANIMAL BIOLOGY: GENES, BEHAVIOR AND EVOLUTION OF LIFE and *HUMAN BIOLOGY: ANATOMY, PHYSIOLOGY AND DISEASE
KIN 344	PRE-THERAPY/ALLIED HEALTH PRACTICUM
KIN 380	THERAPEUTIC MODALITIES
KIN 385	THERAPEUTIC EXERCISE
PH 201 & PH 202	*GENERAL PHYSICS and *GENERAL PHYSICS

Applied Art Courses

6

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

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H 320	INTRODUCTION TO HUMAN DISEASE	CH 337	ORGANIC CHEMISTRY LABORATORY	4
PHL 444/REL 444	*BIOMEDICAL ETHICS	H 210	*INTRODUCTION TO THE HEALTH CARE SYSTEM	3
Select two of the following psychology courses:				
PSY 330	BRAIN AND BEHAVIOR	H 225	*SOCIAL AND INDIVIDUAL HEALTH DETERMINANTS	4
PSY 350	HUMAN LIFESPAN DEVELOPMENT	H 250	INTRODUCTION TO HEALTH CARE MANAGEMENT	3
PSY 381	ABNORMAL PSYCHOLOGY	H 312	*HIV/AIDS AND STIS IN MODERN SOCIETY	3
<i>Pre-Physical Therapy Track (48-49 credits)</i>				
BI 221	*PRINCIPLES OF BIOLOGY: CELLS	H 320	INTRODUCTION TO HUMAN DISEASE	3
& BI 222	and *PRINCIPLES OF BIOLOGY: ORGANISMS	MB 230	*INTRODUCTORY MICROBIOLOGY	4
& BI 223	and *PRINCIPLES OF BIOLOGY: POPULATIONS	NUTR 312	*ISSUES IN NUTRITION AND HEALTH	3
KIN 344	PRE-THERAPY/ALLIED HEALTH PRACTICUM	PHL 205	*ETHICS	4
KIN 380	THERAPEUTIC MODALITIES	PHL 444/REL 444	*BIOMEDICAL ETHICS	4
KIN 385	THERAPEUTIC EXERCISE	PSY 330	BRAIN AND BEHAVIOR	4
PH 201	*GENERAL PHYSICS	PSY 350	HUMAN LIFESPAN DEVELOPMENT	4
& PH 202	and *GENERAL PHYSICS	PSY 381	ABNORMAL PSYCHOLOGY	4
& PH 203	and *GENERAL PHYSICS	PSY 432	PHYSIOLOGICAL PSYCHOLOGY	4
Select one of the following medical/health related courses:				
H 225	*SOCIAL AND INDIVIDUAL HEALTH DETERMINANTS	PSY 442	PERCEPTION	4
H 312	*HIV/AIDS AND STIS IN MODERN SOCIETY	SOC 205	*INSTITUTIONS AND SOCIAL CHANGE	3
H 320	INTRODUCTION TO HUMAN DISEASE	SOC 340	DEVIANT BEHAVIOR AND SOCIAL CONTROL	4
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			
<i>Pre-Physician Assistant Science Track (50-51 credits)</i>				
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

- 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.

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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

Suggested Electives for All Tracks

Code	Title	Credits
ANTH 483	ADVANCED MEDICAL ANTHROPOLOGY	4
BB 350	ELEMENTARY BIOCHEMISTRY	4
BI 311	GENETICS	4
CH 331 & CH 332	ORGANIC CHEMISTRY and ORGANIC CHEMISTRY	8