HEALTH SCIENCES STUDIES, B.S.

Tricia Blalock, PT, DPT, MPH, CLT
Director of Health Science Studies

Degree Requirements

Degree Requirements - minimum 124 sem. hrs.

A. Minimum - 36 hrs. advanced/upper level credit total hours
B. Minimum - 60 semester hours must be earned in residence
C. After a student achieves senior standing (90 earned credits), all upper division courses (3000 or 4000 level) must be taken in residence (or in a Baylor approved study abroad program).
D. No course may be taken pass-fail; Courses taken pass/fail will not be eligible for transfer.

Transfer students must have a cumulative GPA corresponding to the minimum requirements for each track.

Students who wish to change their major to Health Science Studies after completing course work at Baylor may do so only at the end of a full semester. Students must be eligible to register for BIO 1305 Modern Concepts of Bioscience and BIO 1105 Modern Concepts of Bioscience Laboratory, and CHE 1301 Basic Principles of Modern Chemistry I and CHE 1101 General Chemistry Laboratory I, and have a cumulative GPA corresponding to the minimum requirements for each track:

<table>
<thead>
<tr>
<th>Program</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre Medical/Dental</td>
<td>3.2 cumulative GPA</td>
</tr>
<tr>
<td>Pre Physician Assistant</td>
<td>3.2 cumulative GPA</td>
</tr>
<tr>
<td>Pre Physical Therapy</td>
<td>3.2 cumulative GPA</td>
</tr>
<tr>
<td>Pre Athletic Training</td>
<td>3.0 cumulative GPA</td>
</tr>
<tr>
<td>Health Professions</td>
<td>3.0 cumulative GPA</td>
</tr>
</tbody>
</table>

Students whose cumulative GPA falls below the minimum requirement in any semester will be placed on probation for one semester. Students whose cumulative GPA falls below the required minimum for their track for a second consecutive semester will be dismissed from the track and must select another major or alternative track for which they do have the minimum cumulative GPA. Students will not be permitted to re-enter a track once dismissed. Students on the Pre Medical/Dental, Pre Physician Assistant, and Pre Physical Therapy tracks who do not successfully complete BIO 1305/1105 and BIO 1306/1106 with a C or better in 2 attempts will be dismissed from their track and must select another major or alternative track for which they do have the minimum cumulative GPA.

Students on the Pre Athletic Training and Health Professions tracks who do not successfully complete BIO 1305/1105 with a C or better in 2 attempts will be dismissed from their track and must select another major.

Pre-Physical Therapy Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum Requirement</td>
<td>(124)</td>
</tr>
<tr>
<td></td>
<td>Residence Requirement – minimum</td>
<td>(60)</td>
</tr>
</tbody>
</table>

Grade point average – minimum of 3.2 overall.

Basic Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 2310</td>
<td>American Literary Cultures</td>
<td></td>
</tr>
<tr>
<td>HIS 1300</td>
<td>The United States in Global Perspective</td>
<td></td>
</tr>
<tr>
<td>PSC 1387</td>
<td>The U.S. Constitution, Its Interpretation, and the American Political Experience</td>
<td></td>
</tr>
<tr>
<td>REL 1310</td>
<td>The Christian Scriptures</td>
<td></td>
</tr>
<tr>
<td>REL 1350</td>
<td>The Christian Heritage</td>
<td></td>
</tr>
<tr>
<td>SOC 1305</td>
<td>Introduction to Sociology</td>
<td></td>
</tr>
</tbody>
</table>

Communication and Media Literacy

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS 1301</td>
<td>Fundamentals of Public Communication</td>
<td></td>
</tr>
<tr>
<td>or CSS 1302</td>
<td>Speech for Business and Professional Students</td>
<td></td>
</tr>
</tbody>
</table>

Contemporary Social Issues

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1305</td>
<td>Psychological Science: Understanding Human Behavior</td>
<td></td>
</tr>
</tbody>
</table>

Fine Arts and Performing Arts (One Course)

Select 2-3 hours from the Fine Arts and Performing Arts distribution list.

Foreign Languages and Cultures

Select 3 hours from the Foreign Languages and Cultures distribution list.

Formal Reasoning

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 1320</td>
<td>Precalculus Mathematics</td>
<td></td>
</tr>
<tr>
<td>or MTH 1321</td>
<td>Calculus I</td>
<td></td>
</tr>
</tbody>
</table>

Research, Writing, & Literature

Select 6 hours from the Research, Writing, and Literature distribution list.

Scientific Method I (with Laboratory Experience)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1305</td>
<td>Modern Concepts of Bioscience</td>
<td></td>
</tr>
<tr>
<td>&amp; BIO 1105</td>
<td>Modern Concepts of Bioscience Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

Scientific Method II

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 1301</td>
<td>Basic Principles of Modern Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CHE 1101</td>
<td>General Chemistry Laboratory I</td>
<td></td>
</tr>
<tr>
<td>Lifetime Fitness</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Major Requirements

HHPR Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 1350</td>
<td>Dimensions of Health Science Studies</td>
<td></td>
</tr>
<tr>
<td>HP 1420</td>
<td>Human Anatomy</td>
<td></td>
</tr>
<tr>
<td>HP 2306</td>
<td>Anatomical Kinesiology</td>
<td></td>
</tr>
<tr>
<td>HP 2307</td>
<td>Biomechanics</td>
<td></td>
</tr>
<tr>
<td>or HP 2341</td>
<td>Prevention and Care of Athletic Injuries</td>
<td></td>
</tr>
<tr>
<td>HP 4368</td>
<td>Motor Learning and Development</td>
<td></td>
</tr>
<tr>
<td>or HP 3368</td>
<td>Adapted Human Performance</td>
<td></td>
</tr>
</tbody>
</table>

Professional Field Experiences

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 4V79</td>
<td>Internship in Human Performance</td>
<td>3</td>
</tr>
<tr>
<td>or HED 4V80</td>
<td>Professional Internship in Health</td>
<td></td>
</tr>
</tbody>
</table>

Students must have department approval and current First Aid and CPR certification to enroll in this course.

HHPR Restricted Electives
Select nine semester hours from the following:

- PUBH 3320 Stress Management/Mental-Emotional Health
- PUBH 3325 Maternal and Infant Health
- PUBH 4320 Men's Health and Wellness
- PUBH 4321 Dying and Death Education
- PUBH 4340 Global Health
- HED 3300 Clinical Skills Training and Assessment
- HED 4305 A Biblical Theology of Suffering for Health Care Providers
- HED 3300 Clinical Skills Training and Assessment
- HP/HED 3311 Essentials of Ethics in Healthcare
- HP 3320 Fundamentals of Exercise Biochemistry
- HP 3330 Research Methods and Design in Exercise Science
- HP 3382 Risk Management in HHPR
- HP 4375 Exercise Prescription in Health and Disease
- HP 4352 Exercise and Sport Nutrition
- HP 4354 Techniques of Strength Training and Conditioning
- HP 4384 Qualitative Analysis of Human Movement

Upper Level Supportive Electives

- Required Courses in Other Fields
  - BIO 1306 & BIO 1106 Modern Concepts of Bioscience, continued
  - BIO 3322 Human Physiology
  - BIO 4432 General Human Anatomy
  - CHE 1302 & CHE 1102 Basic Principles of Modern Chemistry II
  - CLA 3381 Medical Terminology
  - NUTR 3314 Consumer Nutrition
  - PHY 1408 & PHY 1409 General Physics for Natural and Behavioral Sciences II
  - PUBH 1145 or PSY 3321 Health and Human Behavior
  - or PSY 3341 Abnormal Psychology
  - A Survey of Human Development

Select one course from the following:

- STA 1380 Elementary Statistics
- STA 2381 Introductory Statistical Methods

Total Hours: 124-125

Pre-Medical/Pre-Dental Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 1350</td>
<td>Dimensions of Health Science Studies</td>
<td>3</td>
</tr>
<tr>
<td>HP 1420</td>
<td>Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>HP 2306</td>
<td>Anatomical Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>HP 2420</td>
<td>Exercise Physiology</td>
<td>4</td>
</tr>
<tr>
<td>HP 4V79</td>
<td>Internship in Human Performance</td>
<td>3</td>
</tr>
<tr>
<td>or HED 4V80</td>
<td>Professional Internship in Health</td>
<td></td>
</tr>
</tbody>
</table>

Must have current First Aid and CPR certification to enroll in these courses.

Restricted Upper Level Electives

Select 9-10 semester hours from the following:

- BIO 3429 Comparative Chordate Anatomy
- BIO 4320 Pathophysiology
- BIO 4302 General Microbiology
- BIO 4102 and General Microbiology Lab
- BIO 4432 General Human Anatomy
- BUS 3302 Personal Financial Decisions
- CLA 3381 Medical Terminology
- ECO 4350 Economics of Health and Medical Care

Baylor University 2023-2024 Undergraduate Catalog
### Health Professions Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT 3315</td>
<td>Starting and Managing a Business</td>
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</tr>
<tr>
<td>HED 3300</td>
<td>Clinical Skills Training and Assessment</td>
<td></td>
</tr>
<tr>
<td>HP/HED 3311</td>
<td>Essentials of Ethics in Healthcare</td>
<td></td>
</tr>
<tr>
<td>HED 4305</td>
<td>A Biblical Theology of Suffering for Health Care Providers</td>
<td></td>
</tr>
<tr>
<td>HP 3330</td>
<td>Research Methods and Design in Exercise Science</td>
<td></td>
</tr>
<tr>
<td>MGT 3301</td>
<td>Managing People in Organizations</td>
<td></td>
</tr>
<tr>
<td>MKT 3301</td>
<td>Marketing Concepts</td>
<td></td>
</tr>
<tr>
<td>MH 3342</td>
<td>Medicine, Missions, and the Gospel</td>
<td></td>
</tr>
<tr>
<td>PUBH 3320</td>
<td>Stress Management/Mental-Emotional Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 3325</td>
<td>Maternal and Infant Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 3351</td>
<td>Epidemiology/Vital Statistics</td>
<td></td>
</tr>
<tr>
<td>PUBH 4321</td>
<td>Human Sexuality</td>
<td></td>
</tr>
<tr>
<td>PUBH 4340</td>
<td>Global Health</td>
<td></td>
</tr>
</tbody>
</table>

#### Upper Level Supportive Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBH 3320</td>
<td>Stress Management/Mental-Emotional Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 3325</td>
<td>Maternal and Infant Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 3351</td>
<td>Epidemiology/Vital Statistics</td>
<td></td>
</tr>
<tr>
<td>PUBH 4321</td>
<td>Human Sexuality</td>
<td></td>
</tr>
<tr>
<td>PUBH 4340</td>
<td>Global Health</td>
<td></td>
</tr>
</tbody>
</table>

**Required Courses in Other Fields**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1306</td>
<td>Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIO 1106</td>
<td>Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIO 2306</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIO 3322</td>
<td>Human Physiology</td>
<td>3-4</td>
</tr>
<tr>
<td>BIO 3122</td>
<td>Human Physiology</td>
<td>3</td>
</tr>
<tr>
<td>or PUBH 3350</td>
<td>Human Physiology for Allied Health Professionals</td>
<td></td>
</tr>
<tr>
<td>CHE 1302</td>
<td>Basic Principles of Modern Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 1102</td>
<td>Basic Principles of Modern Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHE 3331</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHE 3238</td>
<td>Organic Chemistry Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>CHE 3332</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHE 4341</td>
<td>General Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 3314</td>
<td>Consumer Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PHY 1408</td>
<td>General Physics for Natural and Behavioral Sciences I</td>
<td>8</td>
</tr>
<tr>
<td>&amp; PHY 1409</td>
<td>General Physics for Natural and Behavioral Sciences II</td>
<td></td>
</tr>
<tr>
<td>PUBH 4327</td>
<td>Dying and Death Education</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3321</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or PSY 3341</td>
<td>A Survey of Human Development</td>
<td></td>
</tr>
</tbody>
</table>

Select one course from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 1380</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>STA 2381</td>
<td>Introductory Statistical Methods</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 124-127

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### Health Professions Option

**Requirements**

- **Minimum Requirement**: (124)
- **Residence Requirement — minimum**: (60)
- **Grade point average – minimum of 3.0 overall.**

**Basic Requirements**

- Chapel – two semesters: 0
- ENG 2310: American Literary Cultures: 3
- HIS 1300: The United States in Global Perspective: 3
- PSC 1387: The U.S. Constitution, Its Interpretation, and the American Political Experience: 3
- REL 1310: The Christian Scriptures: 3
- REL 1350: The Christian Heritage: 3
- **Communication and Media Literacy**
  - CSS 1301: Fundamentals of Public Communication: 3
  - or CSS 1302: Speech for Business and Professional Students: 3
- **Contemporary Social Issues**
  - PSY 1305: Psychological Science: Understanding Human Behavior: 3
- **Fine Arts and Performing Arts (One Course)**
  - Select 2-3 hours from the Fine Arts and Performing Arts distribution list: 2-3
- **Foreign Languages and Cultures**
  - Select 6 hours from the Foreign Languages and Cultures distribution list: 6
- **Formal Reasoning**
  - MTH 1320: Precalculus Mathematics: 3
  - or MTH 1321: Calculus I: 3
- **Research, Writing, & Literature (Two Courses)**
  - Select 6 hours from the Research, Writing, and Literature distribution list: 6
- **Scientific Method I (with Laboratory Experience)**
  - CHE 1301: Basic Principles of Modern Chemistry I: 4
  - & CHE 1101: General Chemistry Laboratory I: 4
- **Scientific Method II**
  - CHE 1302: Basic Principles of Modern Chemistry II: 4
  - & CHE 1102: General Chemistry Laboratory II: 4
- **Lifetime Fitness**
  - PUBH 1145: Health and Human Behavior: 1
  - Two LF activity courses: 2

**Major Requirements**

**HHPR Required Courses**

- HED 1350: Dimensions of Health Science Studies: 3
- HP 1420: Human Anatomy: 4
- HP 2306: Anatomical Kinesiology: 3
- HP 2420: Exercise Physiology: 4

**Restricted Upper Level Electives**

Select 9-10 semester hours from the following:

- HED 3300: Clinical Skills Training and Assessment: 3
- HP/HED 3311: Essentials of Ethics in Healthcare: 3
- HED 4305: A Biblical Theology of Suffering for Health Care Providers: 3
- HED 4V80: Professional Internship in Health: 3
- HP 3330: Research Methods and Design in Exercise Science: 3
- HP 3368: Adapted Human Performance: 3
- HP 4352: Exercise and Sport Nutrition: 4
- HP 4450: Exercise Testing and Interpretation I: 4
- HP 4V79: Internship in Human Performance: 4
- NUTR 3314: Consumer Nutrition: 3
- PUBH 3325: Maternal and Infant Health: 3
- PUBH 3320: Stress Management/Mental-Emotional Health: 3

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PUBH 3351 Epidemiology/Vital Statistics
PUBH 4320 Men's Health and Wellness
PUBH 4321 Human Sexuality
PUBH 4340 Global Health
RLS 4396 Considerations for Diverse Populations in Leisure Programming

Required Courses in Other Fields
BIO 1305 Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory 4
BIO 1306 Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory 4
BIO 3322 Human Physiology and Human Physiology Lab 3-4
BIO 3122 or PUBH 3350 Human Physiology for Allied Health Professionals 6

6 hours of upper-level supportive electives 6

PHYS 1408 General Physics for Natural and Behavioral Sciences I and General Physics for Natural and Behavioral Sciences II 8

PUBH 4327 Dying and Death Education and Human Diseases 6
STA 1380 or STA 2381 Introductory Statistical Methods 3

Minor
Choose any minor with the exception of BIO or CHE 18-23

Total Hours 124-132

Pre-Athletic Training Option

Code Title Hours

Select 3 hours from the Foreign Languages and Cultures distribution list.

Formal Reasoning

MTH 1320 Precalculus Mathematics 3
or MTH 1321 Calculus I

Research, Writing, & Literature (Two Courses)

ENG 1310 Writing and Academic Inquiry Seminars 3
Three upper level credit hours from the Research, Writing, and Literature distribution list 3

Scientific Method I (with Laboratory Experience)

BIO 1305 Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory 4

Scientific Method II

CHE 1301 Basic Principles of Modern Chemistry I and General Chemistry Laboratory I 4

Lifetime Fitness

PUBH 1145 Health and Human Behavior 1
Three LF activity courses 3

Major Requirements

HHPR Required Courses

HED 1350 Dimensions of Health Science Studies 3
HP 1420 Human Anatomy 4
HP 2306 Anatomical Kinesiology 3
HP 2341 Prevention and Care of Athletic Injuries 3
or HP 2304 Advanced First Aid 3
HP 2420 Exercise Physiology 4

Minor
Choose any minor with the exception of BIO or CHE 18-23

Total Hours 124-132

Pre-Athletic Training Option

Code Title Hours

Minimum Requirement (124)
Residence Requirement — minimum (60)
Grade point average — minimum of 3.0 CGPA overall.

Basic Requirements

Chapel — two semesters 0
ENG 2310 American Literary Cultures 3
HIS 1300 The United States in Global Perspective 3
PSC 1387 The U.S. Constitution, Its Interpretation, and the American Political Experience 3
REL 1310 The Christian Scriptures 3
REL 1350 The Christian Heritage 3

Communication and Media Literacy

CSS 1301 Fundamentals of Public Communication 3
or CSS 1302 Speech for Business and Professional Students 3

Contemporary Social Issues

PSY 1305 Psychological Science: Understanding Human Behavior 3

Fine Arts and Performing Arts (One Course)

Select one 3 hour course from the Fine Arts and Performing Arts distribution list.

Foreign Languages and Cultures

Select 3 hours from the Foreign Languages and Cultures distribution list.

Formal Reasoning

MTH 1320 Precalculus Mathematics 3
or MTH 1321 Calculus I

Research, Writing, & Literature (Two Courses)

ENG 1310 Writing and Academic Inquiry Seminars 3
Three upper level credit hours from the Research, Writing, and Literature distribution list 3

Scientific Method I (with Laboratory Experience)

BIO 1305 Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory 4

Scientific Method II

CHE 1301 Basic Principles of Modern Chemistry I and General Chemistry Laboratory I 4

Lifetime Fitness

PUBH 1145 Health and Human Behavior 1
Three LF activity courses 3

Major Requirements

HHPR Required Courses

HED 1350 Dimensions of Health Science Studies 3
HP 1420 Human Anatomy 4
HP 2306 Anatomical Kinesiology 3
HP 2341 Prevention and Care of Athletic Injuries 3
or HP 2304 Advanced First Aid 3
HP 2420 Exercise Physiology 4

Minor
Choose any minor with the exception of BIO or CHE 18-23

Total Hours 124-132

Pre-Athletic Training Option

Code Title Hours

Minimum Requirement (124)
Residence Requirement — minimum (60)
Grade point average — minimum of 3.0 CGPA overall.

Basic Requirements

Chapel — two semesters 0
ENG 2310 American Literary Cultures 3
HIS 1300 The United States in Global Perspective 3
PSC 1387 The U.S. Constitution, Its Interpretation, and the American Political Experience 3
REL 1310 The Christian Scriptures 3
REL 1350 The Christian Heritage 3

Communication and Media Literacy

CSS 1301 Fundamentals of Public Communication 3
or CSS 1302 Speech for Business and Professional Students 3

Contemporary Social Issues

PSY 1305 Psychological Science: Understanding Human Behavior 3

Fine Arts and Performing Arts (One Course)

Select one 3 hour course from the Fine Arts and Performing Arts distribution list.

Foreign Languages and Cultures

Select 3 hours from the Foreign Languages and Cultures distribution list.

Formal Reasoning

MTH 1320 Precalculus Mathematics 3
or MTH 1321 Calculus I

Research, Writing, & Literature (Two Courses)

ENG 1310 Writing and Academic Inquiry Seminars 3
Three upper level credit hours from the Research, Writing, and Literature distribution list 3

Scientific Method I (with Laboratory Experience)

BIO 1305 Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory 4

Scientific Method II

CHE 1301 Basic Principles of Modern Chemistry I and General Chemistry Laboratory I 4

Lifetime Fitness

PUBH 1145 Health and Human Behavior 1
Three LF activity courses 3

Major Requirements

HHPR Required Courses

HED 1350 Dimensions of Health Science Studies 3
HP 1420 Human Anatomy 4
HP 2306 Anatomical Kinesiology 3
HP 2341 Prevention and Care of Athletic Injuries 3
or HP 2304 Advanced First Aid 3
HP 2420 Exercise Physiology 4

Minor
Choose any minor with the exception of BIO or CHE 18-23

Total Hours 124-132
BIO 2401 & BIO 2402
Human Anatomy and Physiology of Motion and Innervation
and Human Anatomy and Physiology of Metabolism and Processing

CLA 3381
Medical Terminology

NUTR 3314
Consumer Nutrition

MGT 3301
Managing People in Organizations

PHY 1408 & PHY 1409
General Physics for Natural and Behavioral Sciences I and General Physics for Natural and Behavioral Sciences II

STA 1380 or STA 2381
Elementary Statistics
Introductory Statistical Methods

A maximum of 15 credit hours of coursework (MS level courses) will count towards both degrees. These 15 credit hours include the following MS courses which are already embedded in the 36-credit hour MATR degree (see Graduate catalog).

Total Hours 124

A joint 5-year BS/MSAT program in Athletic Training through the Pre-AT track in Health Science Studies is available. Undergraduate students interested in a degree in athletic training need to declare Health Science Studies as their major and follow the curriculum for the Pre-Athletic Training Track. This joint degree program will allow students to obtain two degrees in five years. Undergraduate students can apply for admission into the Master of Athletic Training degree program after the completion of 89 undergraduate hours.

Requirements
To obtain a BS and MATR in the joint degree program, a student must complete all hours in both the undergraduate HSS program and the Master of Athletic Training program. Upon acceptance into the program, students will be eligible to take the graduate level courses.

A maximum of 15 credit hours of coursework (MS level courses) will count towards both degrees. These 15 credit hours include the following MS courses which are already embedded in the 36-credit hour MATR degree (see Graduate catalog).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HP 5301</td>
<td>Introduction to Patient Care</td>
<td>3</td>
</tr>
<tr>
<td>HP 5302</td>
<td>Evaluation and Diagnosis in Athletic Training I</td>
<td>3</td>
</tr>
<tr>
<td>HP 5303</td>
<td>Therapeutic Interventions I</td>
<td>3</td>
</tr>
<tr>
<td>HP 5379</td>
<td>Research Methods in Health, Human Performance, and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>STA 5300</td>
<td>Statistical Methods 1</td>
<td>3</td>
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</table>

1 cross-listed as EDP 5334 Statistical Methods

For more information, contact the Program Director of Athletic Training and/or refer to the Graduate catalog.

Pre-Physician Assistant Option

Requirements
Minimum Requirement (124)
Residence Requirement – minimum (60)
Grade point average – minimum of 3.2 overall.

Basic Requirements
Chapel – two semesters 0
ENG 2310 American Literary Cultures 3
HIS 1300 The United States in Global Perspective 3
PSC 1387 The U.S. Constitution, Its Interpretation, and the American Political Experience 3
REL 1310 The Christian Scriptures 3
REL 1350 The Christian Heritage 3
SOC 1305 Introduction to Sociology 3

Communication and Media Literacy
CSS 1301 Fundamentals of Public Communication 3
or CSS 1302 Speech for Business and Professional Students

Contemporary Social Issues
PSY 1305 Psychological Science: Understanding Human Behavior 3

Fine Arts and Performing Arts (One Course)
Select 3 hours from the Fine Arts and Performing Arts distribution list.

Foreign Languages and Cultures
Select 3 hours from the Foreign Languages and Cultures distribution list.

Formal Reasoning
MTH 1321 Calculus I 3

Research, Writing, & Literature (Two Courses)
Select 6 hours from the Research, Writing, and Literature distribution list.

Scientific Method I (with Laboratory Experience)
BIO 1305 & BIO 1105 Modern Concepts of Bioscience and Modern Concepts of Bioscience Laboratory 4

Scientific Method II
CHE 1301 & CHE 1101 Basic Principles of Modern Chemistry I and General Chemistry Laboratory I 4
Lifetime Fitness 4

Major Requirements

HHPR Required Courses
HED 1350 Dimensions of Health Science Studies 3
HED/HP 3311 Essentials of Ethics in Healthcare 3

Professional Field Experiences
HP 4V79 Internship in Human Performance
or HED 4V80 Professional Internship in Health

Student must have departmental approval and current First Aid and CPR certification to enroll in this course.

Restricted Electives
Select six semester hours from the following: 6
BIO 4320 Pathophysiology
CHE 4341 General Biochemistry
HED 4305 A Biblical Theology of Suffering for Health Care Providers
HED 3300 Clinical Skills Training and Assessment
SOC 3305 Introduction to Gerontology
SOC 4353 Sociology of Medicine
SOC 4393 Sociology of Aging
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PUBH 3320</td>
<td>Stress Management/Mental-Emotional Health</td>
<td></td>
</tr>
<tr>
<td>PUBH 3325</td>
<td>Maternal and Infant Health</td>
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<tr>
<td>PUBH 4320</td>
<td>Men's Health and Wellness</td>
<td></td>
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<tr>
<td>PUBH 4321</td>
<td>Human Sexuality</td>
<td></td>
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<tr>
<td>PUBH 4340</td>
<td>Global Health</td>
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<td>Upper Level Supportive elective</td>
<td>3</td>
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<tr>
<td>PUBH 1145</td>
<td>Health and Human Behavior</td>
<td>4</td>
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<tr>
<td>&amp; PUBH 4327</td>
<td>and Dying and Death Education</td>
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<tr>
<td>PSY 3321</td>
<td>Abnormal Psychology</td>
<td>3</td>
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<tr>
<td>or PSY 3341</td>
<td>A Survey of Human Development</td>
<td></td>
</tr>
<tr>
<td>STA 1380</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>STA 2381</td>
<td>Introductory Statistical Methods</td>
<td></td>
</tr>
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</table>

Select one course from the following:

**Required Courses in Other Fields**

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>BIO 1306 &amp; BIO 1106</td>
<td>Modern Concepts of Bioscience, continued and Modern Concepts of Bioscience Laboratory</td>
<td>4</td>
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<tr>
<td>BIO 2306</td>
<td>Genetics</td>
<td>3</td>
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<tr>
<td>BIO 3322 &amp; BIO 3122</td>
<td>Human Physiology and Human Physiology Lab</td>
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<tr>
<td>BIO 4432</td>
<td>General Human Anatomy</td>
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<tr>
<td>BIO 4302 &amp; BIO 4102</td>
<td>General Microbiology and General Microbiology Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHE 1302 &amp; CHE 1102</td>
<td>Basic Principles of Modern Chemistry II and General Chemistry Laboratory II</td>
<td>4</td>
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<tr>
<td>CHE 3331</td>
<td>Organic Chemistry I</td>
<td>3</td>
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<tr>
<td>CHE 3332 &amp; CHE 3238</td>
<td>Organic Chemistry II and Organic Chemistry Laboratory</td>
<td>5</td>
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<tr>
<td>CLA 3381</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 3314</td>
<td>Consumer Nutrition</td>
<td>3</td>
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<tr>
<td>PHY 1408 &amp; PHY 1409</td>
<td>General Physics for Natural and Behavioral Sciences I and General Physics for Natural and Behavioral Sciences II</td>
<td>8</td>
</tr>
<tr>
<td>PUBH 3321</td>
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**Total Hours**: 124