

**BAYLOR UNIVERSITY SCHOOL OF EDUCATION
HEALTH SCIENCE STUDIES/PREMED-PREDENT OPTION
FOUR YEAR PLANNER-004**

FRESHMAN YEAR - FALL

- ENG 1302 Thinking and Writing
- REL 1310 The Christian Scriptures
- CHE 1301 Principles of Modern Chemistry I
- MTH 1321 Calculus
- Fine Arts (2-3 hours) (Art, Music, or Theater Arts)

- HED 1145 Health and Human Behavior
- Chapel

TOTAL: 15-16 hours

FRESHMAN YEAR - SPRING

- ENG 1304 Thinking, Writing, and Research*
- REL 1350 The Christian Heritage
- CHE 1302 Principles of Modern Chemistry II
- CHE 1316 Lab. Measurements and Tech.

- MTH 1322 Calculus II or Statistics*
- HP 2102 Fitness Concepts and Testing
- Chapel

TOTAL: 16 hours

SOPHOMORE YEAR - FALL

- ENG 2301 British Literature
- or ENG 2304 (American Lit.) or ENG 2306 (World Lit.)
- BIO 1305 Modern Concepts of Bioscience
- BIO 1105 Modern Concepts of Bioscience Lab
- Computer Science* (3 hours)
- HP 1420 Human Anatomy
- CSS 1301 Fundamentals of Public Communication

or

- CSS 1302 Speech for Business & Professional Students

TOTAL: 17 hours

SOPHOMORE YEAR -SPRING

- HP 2420 Exercise Physiology
- HP 2306 Kinesiology

- BIO 1306 Modern Concepts of Bioscience
- BIO 1106 Modern Con. of Bioscience Lab

- HISTORY* (3 hours)

TOTAL: 14 hours

SOPHOMORE YEAR – SUMMER

- Supporting Area Elective* (3-4 hours)

HP 11

TOTAL HOURS: 4-5 hours

JUNIOR YEAR – FALL

- PHY 1408 Gen. Phy. for Natural and Behav'l Science I
- or PHY 1425 General Physics I
- CHE 3331 Organic Chemistry I
- HED 3313 Nutrition
- PSY 1305 Intro to Psychology
- PSC 2302 American Constitutional Devp't

TOTAL: 16 hours

JUNIOR YEAR – SPRING

- PHY 1409 Physics for Nat'l and Behav.Science II
- or PHY 2435 General Physics II
- HP 3368 Adapted Human Performance
- or RLS 4396 Leisure Services for Persons w/ Dis.
- CHE 3332 Organic Chemistry II
- CHE 3238 Organic Lab
- HP 11
- HED 3350 Human Physiology

TOTAL: 16 hours

JUNIOR YEAR – SUMMER

- Professional Field Experience*

TOTAL: 3 hours

SENIOR YEAR – FALL

- HHPR Restricted Elective* (3-4 hours)
- MGT 3305 Fundamental Concepts of Management
- HED 4355 Human Diseases
- BIO 3429 Comparative Chordate Anatomy

TOTAL: 13-14 hours

SENIOR YEAR – SPRING

- HHPR Restricted Elective* (3 hours)
- PSY 3321 Abnormal Psychology
- HED 4327 Dying and Death Education
- Supporting Area Elective* (3-4 hours)

TOTAL: 12-13 hours

TOTAL HOURS: 126-128

Please see back of form regarding courses with an asterisk. (5-99)

HEALTH SCIENCE STUDIES

PREMEDICAL-PREEDENTAL OPTION NOTES

Computer Science: Choose from the following courses: (other courses may be approved by advisor)
CSI 1302 Introduction to Computer Science Education CSI 1430 Introduction to Computer Science I with Laboratory
CSI 1303 Application of Information Technology ISY 1305 Introduction to Information Technology and Processing

English: ENG 3300 Technical and Professional Writing may apply here. Junior Standing is required. Discuss this option with advisor.

History: Choose from the following courses: (other courses may be approved by advisor)
HIS 1305 World History through the Fourteenth Century HIS 2365 History of the U.S. to 1877
HIS 1306 World History from 1400-1750 HIS 2366 History of the U.S. since 1877
HIS 1307 Modern World Civilization Since 1750

Statistics: Choose one course from the following:
MTH 2381 Statistics for Biomedical Science
MTH 3381 Statistical Methods
PSY 2402 Statistics
SOC 3402 Social Statistics

Supportive Area Electives: Students may choose 6-7 hours of elective courses; however, selections from the following courses are strongly recommended. Courses in bold type are top 2 courses recommended by Pre Med/Pre Dent office.

BIO 3422 Human Physiology

BIO 3330 Human Genetics (Prerequisite: BIO 2306 and 2106 or instructor's consent)

BIO 3429 Comparative Chordate Anatomy

BIO 4301 Immunology

BIO 4426 Vertebrate Histology

BIO 4341 General Biochemistry

Latin (CLA) 3381 Medical Terminology

PSY 3341 Survey of Human Development

PSY 4312 Behavioral Medicine (Prerequisite: PSY/NSC 1306-1106, PSY 2403 or MTH 1321 or instructor's consent)

Additional 3000-4000 level HHPR courses may be taken to satisfy part of this requirement.

HHPR Restricted Electives: Choose 6-7 hours from the following. Course marked in bold is highly recommended by Pre Med/Pre Dent office.

HP 2102 Fitness Concepts and Testing Procedures

HP 3341 Rehabilitation, Conditioning, and Maintenance of Athletic Injuries

HP 4367 Advance Athletic Training (Prerequisite: minimum grade of C in HP 2341, 3341 and 3442)

HP 4368 Motor Learning and Development

HP 4384 Qualitative Analysis of Human Movement (Prerequisite: minimum grade of C in HP 2306)

HED 3320 Stress Management

HED 4321 Human Sexuality

HP 2341 Prevention and Care of Athletic Injuries (Prerequisite: minimum grade of C in HP 1420) **or HP**

2409 BASIC EMT Certification

Professional Field Experience: Students must make an appointment with Dr. Rusty Pippin (x4007) one year prior to field experience to arrange for a department approved field experience. First Aid and CPR certifications are necessary for field experience.

HED 4323 Professional Field Experiences in Health (Prerequisites: Junior standing, 21 hours of health education courses)

HP 4V79 Internship in Human Performance

HED 4V80 Internship in Health

RLS 3396 Field Laboratory in Leisure Services (Prerequisites: Minimum grade of C in RLS 1396, 2388, 2389 and 3302)