HEALTH SCIENCE - PRE-PROFESSIONAL EMPHASIS ADVISING WORKSHEET

NAME: ___________________________ DATE: ___________________________ STUDENT ID #: __________________

UNIVERSITY OF MISSOURI GENERAL EDUCATION

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<th>Course</th>
<th>Semester</th>
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<tr>
<td>Δ English 1000: Exposition and Argumentation*</td>
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<tr>
<td>Δ College Algebra or equivalent (3 credits)*</td>
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<td>□ Math Reasoning Proficiency Course*</td>
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<tr>
<td>□ History 1100, 1200, or Political Sci 1100</td>
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<tr>
<td>□ 1000+ level Writing Intensive*</td>
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<tr>
<td>Biological, Physical and Mathematical Sciences - 9 hours</td>
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<td>Behavioral and Social Sciences - 9 hours</td>
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<tr>
<td>Humanities and Fine Arts - 9 hours</td>
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Depth of Study - Students must have at least one 2000 level or above course in Biological/Physical/Mathematical Science or Humanities/Fine Arts:

□ ___________________________  □ ___________________________  □ ___________________________

Credits required: 9 or more

IMPORTANT DEGREE INFORMATION

The pre-professional emphasis may be a viable track for graduate and professional programs in medicine, dentistry, pharmacy, physician assistant studies, optometry and related areas. The Pre-professional track may also prepare students who have appropriate work experience as an undergraduate to work for clinical research companies, medical or pharmaceutical sales or other non-clinical health careers that require a background in science and knowledge of health care.

120 hours required to graduate with degree. 30 of last 36 hours must be taken at MU.

Students must complete their last 30 hours as a declared Health Science major in their chosen emphasis area.

Hours Completed: _________ Cumulative GPA: _________

School of Health Professions - Student Services | University of Missouri | 101 Lewis Hall

HEALTH SCIENCE CORE & EMPHASIS COURSES

A grade of C- or better (or Satisfactory) is required for all core and emphasis courses.

HEALTH SCIENCE CORE COURSES Grade of C- or better (or Satisfactory) is required

** Core courses may only be repeated once. **

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<tr>
<th>Course</th>
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<tr>
<td>□ Hlth Sci 1000: Intro to Health Professions (3 hrs)</td>
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<td>Course Notes: Open to all majors</td>
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<td>□ Hlth Sci 2100: Health Sciences Seminar (1 hr)</td>
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<td>Course Notes: Restricted to Health Science majors, Junior standing advised, Required prerequisite for Hlth Sci 4975 and 4985</td>
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<td>□ Hlth Sci 3300: Public Health Principles and Practice (3 hrs)</td>
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<td>Course Notes: Restricted to Health Science majors during Early Registration, Writing Intensive and Honors sections available</td>
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<tr>
<td>□ Hlth Sci 3900: Intro to Research Process (3 hrs)</td>
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<td>Course Notes: Restricted to Health Science majors, Junior standing required, Writing Intensive course, Fall and Spring only</td>
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<td>□ Hlth Sci 4300: Health Care in the United States (3 hrs)</td>
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<td>Course Notes: Restricted to Health Science majors during Early Registration, Sophomore standing required, Honors sections available, Fall and Spring only</td>
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<tr>
<td>□ Hlth Sci 4480: Clinical Ethics (3 hrs)</td>
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<td>Course Notes: Restricted to Health Science majors, Junior standing required, Writing Intensive sections available</td>
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<tr>
<td>□ Hlth Sci 4975: Internship in Health Science (1, 3 or 6 hrs)</td>
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<td>Course Notes: Capstone requirement, Restricted to Health Science majors, Junior standing and 2100 required, 50 clock hours/credit hour</td>
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<tr>
<td>□ Hlth Sci 4985: Healthcare Organization and Leadership (3 hrs)</td>
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<tr>
<td>Course Notes: Capstone requirement, Restricted to Health Science majors, Senior standing and 2100 required</td>
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PROFESSIONAL EMPHASIS COURSES Grade of C- or better is required

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<th>Course</th>
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<tr>
<td>□ Bio Sc 1500: Intro to Biological Systems</td>
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<td>□ Bio Sc 2200: General Genetics</td>
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<td>□ Chemistry 1320: College Chemistry I MRP</td>
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<td>□ Chemistry 1330 College Chemistry II</td>
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<td>□ Chemistry 2100: Organic Chemistry I</td>
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<td>OR Chem 2030: Survey of Organic Chem</td>
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<td>□ MPP 3202: Elements of Physiology</td>
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<td>OR Bio Sc 3700: Animal Physiology</td>
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<td>□ Phil 2440: Medical Ethics</td>
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<td>□ Physics 1210: College Physics I ARP</td>
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<td>□ Psychology 1000: General Psychology</td>
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<tr>
<td>□ Pth As 2201/2203: Human Anatomy</td>
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<td>□ Statistics 1200, 1300 or ESC PS 4170 MRP</td>
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HEALTH SCIENCE ELECTIVES - PRE-PROFESSIONAL EMPHASIS

Students must complete 18 credit hours from below course listing. At least 9 credit hours must be from 3000/4000 level courses. Students must complete coursework in at least two of the three areas below.

### AREA 1: SOCIAL / BEHAVIORAL
- Anthro 2030: Cultural Anthropology (3)
- Anthro 3540: Human Biology and Life History (3)
- Anthro 4360: Medical Anthropology (3)
- Anthro 4580: Evolutionary Medicine (3)
- ESC PS 2000: Experiencing Culture & Diversity in the US (3)
- ESC PS 4185: Health Behavior: Drugs & Sexuality Education (3)
- HDFS 2300: Multicultural Study of Children & Families (3)
- HDFS 2400: Principles of Human Development (4)
- HDFS 2450: Human Sexuality Across the Lifespan (3)
- HDFS 3420: Early & Middle Childhood (3) +
  - OR Psych 2810: Human Sexuality (3) [only count one]
- HDFS 3440 (3) Adulthood and Aging
  - OR Soc 4210: Sociology of Aging (3)
- HDFS 3430: Adolescence and Young Adulthood (3)
- CDS / CPD 3200: Essentials of Pathology (2)
- CDS / CPD 4500: Bioterrorism in Healthcare (1)
- Bio Sc 2100: Infectious Diseases (3)
- Biochm 2112: Biotechnology in Society (3)
- CDS / CPD 2190: Medical Terminology
  - OR Biomeb 2110: Biomedical Terminology (3)
- CDS / CPD 4500: Bioterrorism in Healthcare (1)
- Chem 4600: Introduction to Radiochemistry with Lab (3)
- CDS / CPD 3200: Essentials of Pathology (2)
- Hlth Psych 3100: Applied Behavioral Analysis and Autism (3)
- Hlth Sci 3400: Global Health (3)
- Hlth Sci 3500: Mental Health (3)
- Hlth Sci 4400: Culture & Health Literacy for Healthcare Prof. (3)
- Hlth Sci 4410: Humanism and Health Literacy (3)
- Hlth Sci 4420: Behavioral Compliance & Health Literacy (3)
- PRT 3220: Intro to Recreation for Individuals w/ Disabilities (3)
- Psych 2210: Mind, Brain & Behavior (3)
- Psych 2220: Drugs & Behavior (3)
- Psych 2510: Abnormal Psychology (3)
- Psych 3430: Social Development in Childhood (3)
- Psych 3870: Sleep & Sleep Disorders (3)
- Psych 4210: Physiological Psychology (3)
- Nurse 3200/60: Pathophysiology and Therapeutics (3)
- Microb 2800: Microbiology for Nursing & Health Professions (4)
- MPP 4204: Medical Pharmacology (5)
- MPP 4202: Medical Physiology (4)
- Hlth Sci 2200: Nuclear Weapons (3)
- Hlth Sci 4510: Essential Tools for the Health Care Leader (3)
- Hlth Sci 4500 Health Care Management
- Hlth Sci 4001: Various Topics (1)
- Hlth Sci 3600: Health Promotion and Planning (3)
- Hlth Sci 3400: Global Health (3)
- Hlth Sci 4001: Various Topics (1-3)
- Hlth Sci 4500 Health Care Management
  - OR Management 3000: Fundamentals of Management (3)
- Hlth Sci 4510: Essential Tools for the Health Care Leader (3)
- Management 4020: Human Resource Management (3)
- Soc Wk 3430: Sociology of Sport (3)
- Soc Wk 4620: Drugs and Society (3)
- WGST 2960: Sexual Health Advocacy & Service Learning (3)
- WGST 4420: Studies in Gender, Culture and Politics (3)
- WGST 4600: Studies in Women and Health (3)

### AREA 2: MEDICAL / BIOLOGICAL
- Anthro 3540: Human Biology and Life History (3)
- Biochm 2112: Biotechnology in Society (3)
- Bio Sc 2100: Infectious Diseases (3)
- CDS / CPD 2190: Medical Terminology
- OR CDS / CPD 4500: Bioterrorism in Healthcare (1)
- Chem 4600: Introduction to Radiochemistry with Lab (3)
- CDS / CPD 3200: Essentials of Pathology (2)
- Hlth Psych 3100: Applied Behavioral Analysis and Autism (3)
- Hlth Sci 3400: Global Health (3)
- Hlth Sci 3500: Mental Health (3)
- Hlth Sci 4400: Culture & Health Literacy for Healthcare Prof. (3)
- Hlth Sci 4410: Humanism and Health Literacy (3)
- Hlth Sci 4420: Behavioral Compliance & Health Literacy (3)
- PRT 3220: Intro to Recreation for Individuals w/ Disabilities (3)
- Psych 2210: Mind, Brain & Behavior (3)
- Psych 2220: Drugs & Behavior (3)
- Psych 2510: Abnormal Psychology (3)
- Psych 3430: Social Development in Childhood (3)
- Psych 3870: Sleep & Sleep Disorders (3)
- Psych 4210: Physiological Psychology (3)
- Nurse 3200/60: Pathophysiology and Therapeutics (3)
- Microb 2800: Microbiology for Nursing & Health Professions (4)
- MPP 4204: Medical Pharmacology (5)
- MPP 4202: Medical Physiology (4)
- Hlth Sci 2200: Nuclear Weapons (3)
- Hlth Sci 4510: Essential Tools for the Health Care Leader (3)
- Hlth Sci 4500 Health Care Management
- Hlth Sci 4001: Various Topics (1)
- Hlth Sci 3600: Health Promotion and Planning (3)
- Hlth Sci 3400: Global Health (3)
- Hlth Sci 4001: Various Topics (1-3)
- Hlth Sci 4500 Health Care Management
  - OR Management 3000: Fundamentals of Management (3)
- Hlth Sci 4510: Essential Tools for the Health Care Leader (3)
- Management 4020: Human Resource Management (3)
- Sociol 3400: Sociology of Health (3)
- Sociol 4300: Death and Dying (3)
- Sociol 4620: Drugs and Society (3)
- WGST 2960: Sexual Health Advocacy & Service Learning (3)
- WGST 4420: Studies in Gender, Culture and Politics (3)
- WGST 4600: Studies in Women and Health (3)

### AREA 3: ADMINISTRATIVE / LEADERSHIP
- AFNR 2120: Working with Data Using Excel (1)
- Agricultural Sys Mangmt 4020: Agricultural Safety & Health (3)
- Architectural Studies 4760: Health Care Facilities Design (3)
- Commun 3572: Argument & Advocacy (3)
- Commun 3575: Business and Professional Communication (3)
- Commun 4476: Organizational Communication (3)

### HEALTH SCIENCES ELECTIVES TAKEN

<table>
<thead>
<tr>
<th>2000-level Course</th>
<th>Area</th>
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<th>3000/4000-level Course</th>
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OR BETTER IS REQUIRED FOR ALL HEALTH SCIENCE ELECTIVES

- + only one can count toward 120, considered duplicate credit

**A GRADE OF C– OR BETTER IS REQUIRED FOR ALL HEALTH SCIENCE ELECTIVES**