

POSSIBLE ELECTIVES FOR PRE-HEALTH STUDENTS

This is not meant to be a comprehensive list of electives. Students are encouraged to pursue *any* electives that they have interest in, whether or not they are health related. There are many additional courses that may relate directly to a student's ultimate career goal that are not listed here. Preparation in a variety of courses in the Humanities, Social Sciences, and Composition (in addition to science coursework) will ultimately help students prepare for becoming health professionals and performing well on standardized entrance exams. You should also check Special Topics courses in these departments each semester for unique offerings.

Some courses may have pre-requisites and may not be offered every semester. Please check the Schedule of Courses and Course Descriptions for more information. General Education and Writing designations are subject to change. Always check for designations when you are registering.

Cultural Competency & Global Health- Cultural Competency is one of the competencies that medical schools and other professional school specifically look for in applicants. A patient's view of their healthcare provider and treatment options can be greatly influenced by factors such as religion, socioeconomic status, and ethnicity. Learn about your future patients and their diverse backgrounds.

ABT3500 Arabic Culture (H,N)
AEB 4282 International Human Assistance (S,N)
AEB 4283 International Development Policy (S)
AEC3073 Intercultural Communications (S,N or S,D)
AFA2000 Intro to African American Studies (H)(WR)
AFA3915C Mentoring At-risk Youth (S,N) (WR)
AFS3352 Culture, Health, and Arts in Sub-Saharan Africa
AFS4260 Africans Abroad
AFS4350 HIV/Aids in Africa
ANT3451 Race and Racism (S,D) (WR)
ANT3478 Global Health Culture (S,N)
ANT4354 Anthropology of Modern Africa (S,N) (WR)
ANT4462 Culture and Medicine
ASL2510 Deaf Culture
CHT3500 Chinese Culture (H,N)
ISS2160 Cultural Diversity in the U.S.(S,D) (WR)
LAS3930 Intro to Latino Studies

REL2109 American Religious Diversity (H,D)
REL2300 Intro to World Religions (H,N)
REL3318 Chinese Religions
REL3381 Religion in Latin America (H,N)
SYD3630 Latin American Societies (S,N)
SYD3700 Minorities in American Society (S,D)

Health Care System and Public Health- Learn more about specific issues in healthcare based on your personal interests.

AFS4350 HIV/Aids in Africa
ANT4462 Culture and Medicine
ANT 4468 Health and Disease in Human Evolution
CLP4110 Eating Disorders
CLP4314 Intro to Health Psychology
COM4022 Communication in Health (WR)
GEO3930 Intro to Medical Geography
GEO4938 Geography of Vector Borne Diseases
GIS3420C GIS Models for Public Health
HSC2000 Introductions to Health Professions
HSC3102 Personal and Family Health (S)
HSC 3201 Community and Environmental Health
HSC 4232C Exercise Therapy, Adapted Physical Activity and Health (S,D)
HSC3537 Health and Medical Terminology
HSC 4233 Patient Health Education
HSC 4579 Women's Health Issues
HSC 4593 HIV/Aids Education
HSC 4623 Minority Health Issues
HSC 4624 Trends in International Health (S,N)
OTHER HEALTH EDUCATION AND BEHAVIOR COURSES ARE AVAILABLE TO NON-HEB MAJORS
AFTER ADVANCE REGISTRATION EACH SEMESTER.
HUN2201 Fundamentals of Human Nutrition (B)
MDU4031 Medicine & Law
MDU4003 Introduction to the Professions of Medicine:
MDU4004 Physician Shadowing
MDU4061 Medical Bioethics
MDU4850 Diseases of Eating
PCO4930 Eating Disorders
PHA4933 Medications & Health
WST2322 Introduction to Health Disparities (S,D)

Humanities and Medicine- Medical humanities is a growing field as professionals recognize the connection between medicine and topics of ethics, religion, and spirituality.

ENG3011 A Splice of life: Biopolitics and Biotechnics
GEO3427 Plants, Health, and Spirituality
HUM 2592 Introduction to the Arts in Healthcare Process
MDU4061 Medical Bioethics
PCB 4085 Genetical Ethics
PHH3610 Happiness and Wellbeing
PHI3641 Conduct, Change and Consequences: Making Ethical Decisions
PHI2630 Contemporary Moral Issues (H)(WR)
PHI3459 Medicine and Philosophy
PHI3633 Bioethics
PHI3695 Philosophy and Death (H)
REL2109 American Religious Diversity (H,D)
REL2240 Religion and Science
REL2300 Intro to World Religions (H,N)
REL3318 Chinese Religions
REL3381 Religion in Latin America (H,N)
REL4177 Animal Ethics (WR)
WST2611 Humanities Perspectives on Gender and Sexuality (H,D) (WR)

MCAT Preparation- We recommend taking PSY2012 and SYG2000 at a minimum for MCAT preparation. The courses below can augment your preparation.

CBH3003 Comparative Psychology (B)
CLP3144 Abnormal Psychology (S)
DEP3053 Developmental Psychology (S)
Upper-level DEP courses
EAB3002 Principles of Behavior Analysis (S)
ENC2305 Analytical Writing and Thinking
EXP3604 Cognitive Psychology (S)
PPE3003 Psychology of Personality (S)
PSB3002 Physiological Psychology (B)
PSB3340 Behavioral Neuroscience (B)
ANY UPPER LEVEL PSB COURSE
PSY2012 General Psychology (S)
PSY3213L Lab methods in Psychology
SOP3004 Social Psychology (S)
SYO4400 Medical Sociology
SYP3000 Society and the Individual (S)

Sociologic Influences on Healthcare- There are many important sociologic influences on healthcare. Understanding issues such as poverty, gender, racism, and sexuality can enhance your effectiveness as a practitioner.

AFA3930 Domestic Violence
ANT3451 Race and Racism (S,D) (WR)
ANT3930 Religion and Healing
DEP4930 Death and Dying
FYC3001 Intro to Family, Youth, and Community Sciences (S)
FYC4126 Urban and Rural America in Transition
GEO4612 Shelter and Care Options for U.S. Elderly
HIS3454 Racial Theories in Europe and the U.S.
PSY 4824 Psychology of Eating and Obesity
SPA2024 Human Communication Dynamics (S)
SYA4930 Race Inequality and Health
SYD3700 Minorities in American Society (S,D)
SYD3805 Gender and Health
SYG2010 Social Problems (S)
SYO3534 Poverty
SYO4400 Medical Sociology
SYO 4530 Social inequality (S,D)
SYP3000 Society and the Individual (S)
SYP3510 Deviance (S)
SYP4060 Sociology of Human Sexuality
SYP4730 Sociology of Aging and Life (S,D)
WST2322 Introduction to Health Disparities (S,D)
WST 2612 Social Science Perspectives on Gender and Sexuality (S,D)(WR)
WST 3323 Gender, Bodies, and Health
WST3415 Transnational Feminism (S,N)
WST 3603 Sexualities Studies
WST 4641 Lesbian and Gay Studies
WST4704 Discrimination and Health

Special Populations- Understanding the specific needs and challenges of different populations will help you become more comfortable in treating your future patients.

AMH3340 History of Disability in America
ASL2510 Deaf Culture
CLP3144 Abnormal Psychology (S)
COM4930 Communication and Aging
DEP3053 Developmental Psychology (S)
Upper-level DEP courses
EDF3110 Human Growth and Development (S)

EDF3122 The Young Child
EDF3132 The Young Adolescent
EDF3135 The Adolescent
EEX2000 Impact of Disabilities: Home, Community and Workplace (S,D)
EEX3093 Exceptional People in School and Society
GEO3611 Housing, People and Places in a Spatially Diverse America (S,D)
WST 3603 Sexualities Studies
WST 4641 Lesbian and Gay Studies

Skill Development- Healthcare is more than just science. You need a well-developed skill set including communication and leadership skills to be successful.

AEC3030C Effective Oral Communication
AEC3073 Intercultural Communications (S,N or S,D)
AEC3413 Working with People: Interpersonal Leadership Skills
AEC3414 Leadership Development
AEC 4434 Communication and Leadership in Groups and Teams
AEC4500 Program Development and Evaluation
AFA3915C Mentoring At-risk Youth (S,N) (WR)
ANT4930 Ethics in Daily Life
COM4022 Communication in Health (WR)
COM1000 Introduction to Communication Studies (S)
COM4930 Communication and Aging
ENC2210 Technical Writing (C) (WR)
ENC2305 Analytical Writing and Thinking (C) (WR)
ENC3254 Writing in the Health Professions (C) (WR)
ENC3254 Writing for Pre-Med (C)(WR)
FYC 4409 Working with Nonprofit Organizations in Community Settings
GEB3218 Professional Speaking
MAN3025 Principles of Management (S)
MAR3023 Principles of Marketing (S)
SDS3340 Career & Lifespan Planning
SDS3482 Stress & Anxiety Management
SPC 2351 Listening
SPC2608 Introduction to Public Speaking
SPC3331 Non-Verbal Communication
SPC4710 Intercultural Communication (S,N) (WR)
ANY FOREIGN LANGUAGE

Veterinary Related

ANS3079L Relationship of Form to Function in Horses
ANS3216 Intro. to Equine Science

ANS3251 Biology and Management of Dairy Cattle
ANS3319C Reproductive Physiology and Endocrinology of Domestic Animals
ANS3404C Food Animal Nutrition and Feeding
ANS3405 Equine Nutrition and Feeding Management
ANS4218L Horse Psychology and Training
ANT4552 Primate Behavior (WR)
ATE2511 Companion Animal Biology and Management
CBH3003 Comparative Psychology (B)
EAB3002 Principles of Behavior Analysis (S)
MAN3025 Principles of Management (S)
MAR3023 Principles of Marketing (S)
REL4177 Animal Ethics (WR)
VME 3001 The Dog
VME 4013 Aquatic Wildlife Health Issues
VME4016 Manatee Health and Conservation
VME4103 Livestock Health and Disease Prevention
VME4906 Problems in Veterinary Science
WIS3401 Wildlife Ecology and Management
WIS3402 Wildlife of Florida
WIS4945C Wildlife Techniques

Dental Related

ART2750C Ceramics for Non-majors
ART2934C Special Topics in Studio Art for Non-majors (fine motor skill topics)
MAN3025 Principles of Management (S)
MAR3023 Principles of Marketing (S)

Science Related Electives

This is not an exhaustive list of science electives, but rather a list of science courses that may provide a more direct link to human medicine. You are encouraged to explore other science courses of interest. Most courses have pre-requisites, please check the course descriptions for more details.

AGR 3303 Genetics (B)
BMS 3521 Human Physiology in Translation
BMS 4136C Human Histology
BSC 3096 Human Physiology
CHM 4034 Advanced Biochemistry and Chemical Biology
ISC 3523 Integrative Biomedical Science
MCB 3020 Basic Biology of Microorganisms (B)
MCB 4203 Bacterial and Viral Pathogens
MCB 4304 Genetics of Microorganisms
MCB 4503 General Virology
PCB 3063 Genetics

PCB 3134 Eukaryotic Cell Structure and Function
PCB 4233 Immunology
PCB 4522 Molecular Genetics
PCB 4723C Physiology and Molecular Biology of Animals
PSB 3340 Behavioral Neuroscience (B)
PSB 4342 Introduction to Cognitive Neuroscience
PSB 4434 Neurochemistry, Pharmacology and Behavior
PSB 4504 Developmental Psychobiology
PSB 4823 Principles of Integrative Physiological Psychology
PSB 4810 Neurobiology of Learning and Memory
ZOO 3603C Evolutionary Developmental Biology
ZOO 3713C Functional Vertebrate Anatomy
ZOO 4232 Human Parasitology