

## INDIVIDUALIZED MAJOR

# Health Related Majors

Students have designed health-related majors through both the College of Liberal Arts and Sciences and the College of Agriculture and Natural Resources. Some students have opted for a health-related major that meets the requirements for the Bachelor of Science, others have chosen a Bachelor of Arts. Bachelor of Science majors must include 24 credits from science departments in their plan of study and fulfill the general education bachelor of science requirements. Some recent health-related IMJRs include:

Gerontological Sciences  
Cultural Diversity and Public Health  
Cross-Cultural Health Sciences

Global Health and Human Rights  
Health Sciences  
Child Health and Development

### REQUIRED COURSES

The individualized major consists of at least 36 credits at the 200-level (from 2008: 2000-level or higher); at least 18 credits must be offered by the College which will be granting your degree.

#### ***Research Methods***

You must include a research methods or research course to satisfy part of your information literacy competency requirement. This methods course should be offered by one of the departments represented in your plan of study.

#### ***Capstone***

Every individualized major must satisfy a capstone requirement. Therefore, your plan of study must include INTD 295W (the Individualized Major Capstone course), INTD 296W (a senior thesis), or an acceptable alternative.

#### ***Writing***

Beside the capstone, you must have one other “W” or writing-intensive course in your plan of study.

#### ***Experiential Learning***

Study abroad, internships, and/or research are strongly recommended.

### RELEVANT PREREQUISITES

Many of the courses relevant to a health major will have prerequisites. This is especially true of courses in sciences and math (for example: Chemistry, Molecular and Cell Biology, Physiology and Neurobiology, Nutritional Sciences, Pathobiology, Statistics, and some Allied Health courses). Prerequisite courses also exist for advanced courses in some social science departments such as Economics, Psychology, and Communication. Look carefully at the catalog to determine what prerequisites you will need to take and plan accordingly.

### RELEVANT COURSES

**This is not a complete list. Please consult the catalog and then check that the courses are taught regularly by looking at PeopleSoft listings and talking with your faculty advisors.**

#### **AH**

203 Aging: Implications for Health Professionals  
208 Fitness for Health  
220 Cancer and Your Health  
221 Environment, Genetics and Cancer  
226 Environmental Health  
231 Program Planning for Health Promotion  
237 Women's Health and Health Care  
241 Research for the Health Professional  
242 Counseling & Teaching for the Health Professional  
243 Health Care Issues for the Health Professional  
244 Management for the Health Professional

280 Safety and Health Management  
281 Industrial Hygiene  
282 Accident Prevention Techniques  
283 Occupational Safety and Health Regulations  
284 Ergonomics

#### **ANTH**

237 Psychological Anthropology  
246W Illness and Curing  
249 Field Research in Social Settings  
261 Medical Ecology  
277 Medical Anthropology  
*Depending on focus, other courses may be relevant.*

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### AASI

214 Medicinal Plants of Asian Origin and Culture  
215 Critical Health Issues of Asian Americans  
216 Asian Medical Systems

### CHEM

243-245 Organic Chemistry

### COMM

*Communication courses will be relevant for students interested in health education*

### ECON

261 Health Economics  
*Depending on focus, other courses may be relevant.*

### HDFS

202 Infancy Through Adolescence  
204 Adulthood and Aging  
248 Aging in American Society  
250 Gender and Aging  
252 Death, Dying and Bereavement  
255 Living with Chronic or Life-threatening Illness  
259 Men and Masculinity: A Social Psychological Perspective  
260 Woman: A Developmental Perspective  
266 Intro to Counseling  
267 Latino Health and Health Care  
268 Latinos: Sexuality and Gender  
269 Family Violence  
273 Family Interaction Processes  
274 Public Policy and the Family  
277 Issues in Human Sexuality  
281 Comparative Family Policy  
284 Adolescence: Youth and Society  
288 Supervised Field Experience  
*Other HDFS courses may also be relevant.*

### HRTS

*Human Rights courses may be relevant for those students examining equity issues in health care.*

### HSMG

*These courses are normally available only to students in the School of Business. Non-business school students who also have BADM courses in their plan of study may be able to gain access to these courses, with instructor permission.*

280 Intro to Health Care Management  
281 Health Care Analysis  
282 Health Care Information Technology  
283 Advanced Topics in Health Care Management  
285 Clinical and Social Issues in Health Care  
290 Internship in Health Care Management

### INTD

210, 211, 212 Urban Semester

### MCB

200 Human Genetics  
201 Gene Expression  
203 or 204, Biochemistry

205 Human Metabolism and Disease  
210 Cell Biology  
211 Basic Immunology  
212 Genetic Engineering & Functional Genomics  
213 Concepts of Genetic Analysis  
214 Experiments in DNA Identification  
218 Heredity and Society  
219 Developmental Biology  
222W Human Disease & the Development of Therapeutic Agents  
229 Fundamentals of Microbiology  
246 Virology

### NUSC

200 Nutrition and Human Development  
236 Principles of Nutrition  
267 Principles of Community Nutrition  
281 Experience in Community Nutrition

### PNB

250 Animal Physiology  
264-65/274-75 Human Physiology & Anatomy

### PSYC

202Q Principles of Research in Psychology  
205 Introduction to Behavioral Genetics  
236 Developmental Psychology  
245 Abnormal Psychology  
246 Psychology of Women  
249 Emotional/Behavioral Disorders of Childhood  
251 Health Psychology  
257 Physiological Psychology  
259 Drugs and Behavior  
269 Introduction to Clinical Psychology  
270 Black Psychology  
272 Psychology of Aging  
275 Intro to Multicultural Psychology  
*Other PSYC courses may also be relevant.*

### PVS

297 Principles of Pathobiology

### SOCI

219 Drugs and Society  
241 Women and Health  
244 Sociology of Mental Illness  
247 Sociology of Health  
255 Population  
296 Field Experience  
*Other SOCI courses on such issues as gender, class, ethnicity, aging, family, work and complex organizations may be relevant.*

### STAT

STAT 272 Introduction to Biostatistics

### WS

261/2 Women Studies' Internship/Seminar  
*Other Women's Studies courses may be relevant for students examining gender and equity issues in health care.*