# Health Sciences major, Health Studies concentration

## General Education

### Cluster 1:
- **Writing**: CHEM 120 or CHEM 131+ L/CHEM 132 + L
- **Communication**: MATH 220 Statistics
- **Critical Thinking**: HTH 100 Personal Wellness

### Cluster 2:
- **Human Questions**: HTH 230 Community Hth OR HTH 231 Population Hth Det.
- **Arts**: HTH 245/330 Foundations of Infectious Disease
- **Literature**: HTH 354 U.S. and Global Health Care Systems

### Cluster 3:
- **group 1**: HTH 408 Hth Research Methods
- **group 2**: HTH 450 Epidemiology
- **group 3**: Any MATH or HTH 320 Stats Methods for Hth Sci Research

### Cluster 4:
- **American Exp.**: BIO 270 Human Physiology or BIO 370 Animal Physiology
- **Global Exp.**: BIO 280 Allied Health Microbiology or BIO 380 Gen Micro

### Cluster 5:
- **Wellness**: NUTR 280 Nutrition for Wellness
- **Socio-cultural**: HTH 352 Environmental Health

## Health Studies

### Complete all of the following:
- **Writing**: CHEM 120 or CHEM 131+ L/CHEM 132 + L
- **Communication**: MATH 220 Statistics
- **Critical Thinking**: HTH 100 Personal Wellness
- **Cluster 2**: HTH 210/300 Medical Terminology
- **Human Questions**: HTH 230 Community Hth OR HTH 231 Population Hth Det.
- **Arts**: HTH 245/330 Foundations of Infectious Disease
- **Literature**: HTH 354 U.S. and Global Health Care Systems
- **Cluster 3**: HTH 351 Health Behavior Change
- **group 1**: HTH 408 Hth Research Methods
- **group 2**: HTH 450 Epidemiology
- **group 3**: Any MATH or HTH 320 Stats Methods for Hth Sci Research

### Select 16 credits:
- **Writing**: BIO 114 Organisms or BIO 150 BIO II
- **Communication**: BIO 214 Cell and Molecular Biology or BIO 140 BIO I
- **Critical Thinking**: BIO 224/240 Genetics and Development
- **Cluster 2**: BIO 280 Micro or BIO 380 (if not used under select 2 area)
- **Human Questions**: BIO 370 Animal Physiology (if not used under select 2 area)
- **Arts**: BIO 324 Human Genetics
- **Literature**: CHEM 241 Organic Chemistry I (fall only)
- **Cluster 3**: CHEM 241L Organic Chemistry Lab (fall only)
- **group 1**: CHEM 260 Biochemistry (spring only)
- **group 2**: CHEM 242 Organic Chemistry II (spring only)
- **group 3**: CHEM 242L Organic Chemistry Lab (spring only)

### Select two:
- **American Exp.**: PHYS 140 + 140L Physics I (fall only)
- **Global Exp.**: PHYS 150 + 150L Physics II (spring only)

### Select five:
- **Wellness**: PSYC 160 Lifespan Human Development Psych
- **Socio-cultural**: PSYC 250 Abnormal Psychology

### Course suggestions for Gen Edu clusters:

**pre-dent**: PSYC 101 or 160

**pre-med**: PHIL 120; PSYC 101 or 160; SOCI 110 or 140

**pre-ot**: PSYC 160; SOCI 110 or 140; PHIL 150; ANTH 195

**pre-opto**: PSYC 101

**pre-pharm**: SCOM 121 or 122; ECON 200 or 201; SOCI 110 or 140; PSYC 101 or 160

**pre-pt**: PSYC 101 and 160; SOCI 110

**pre-pa**: PSYC 101 or 160

**pre-vet**: SOCI 110 or 140 or ANTH 195; PSYC 101 or 160