

| MATH/CHEM/PHYSICS ELECTIVES | | | | |
|-----------------------------|-----------------|----------------------------|-----|------|
| | Course # | Name | cr | Attr |
| | CHEM 221 | Analytic Chem | (4) | & |
| | CHEM 335 | Org Chem Lab | (2) | & |
| | CHEM 434 | Bioorganic Chem | (4) | |
| | MATH 224 & 225 | Calculus I (both classes) | (4) | |
| | MATH 226 & 227 | Calculus II (both classes) | (4) | |
| | MATH 323 | Calculus III | (4) | |
| | CS 140 | Programming w/ Obj. | (4) | |
| | CS 240 | Data Structures | (4) | |
| | PHYS 121 or 131 | Physics I | (4) | |
| | PHYS 122 or 132 | Physics II | (4) | |

| RELATED SUBJECTS ELECTIVES | | | | |
|----------------------------|-----------|----------------------------------|-----|------|
| | Course # | Name | cr | Attr |
| | ANTH 111 | Intro to Anthropology | (4) | |
| | ANTH 168 | Intro to Biological Anthropology | (4) | |
| | ANTH 242 | Biology, Culture, and Lifestyle | (4) | |
| | ANTH 243 | Medical Anthropology | (4) | |
| | ANTH 244 | Plagues, Culture, and History | (4) | |
| | ANTH 248 | Darwinian Medicine | (4) | |
| | ANTH 333 | Human Genetics | (4) | |
| | ANTH 334 | Comp. Aspects of Human Growth | (4) | |
| | ANTH 335 | Human Origins | (4) | |
| | ANTH 336 | Human Skeleton | (4) | & |
| | ANTH 337 | Human Biological Variation | (4) | |
| | ANTH 338 | Survey of the Primates | (4) | |
| | ANTH 380H | Human Genetics | (4) | |
| | ANTH 380N | Neuroanthropology | (4) | |
| | ANTH 380R | Biomedical Anthropology & Health | (4) | |
| | ANTH 380U | Health, Illness, and Evolution | (4) | |
| | ANTH 428 | Molecular Anthropology Lab | (4) | & |
| | BIOL 105 | Evolution for Everyone | (4) | |
| | CLAS 121 | Science and Medical Terminology | (4) | |
| | CS 100 | Fund of Programming | (4) | |
| | CS 105 | Intro to Computing | (4) | |
| | CS 110 | Programming Concepts & Appli | (4) | |
| | GEOG 422 | Biogeography | (4) | |
| | HIST 230 | History of Medicine | (4) | |
| | HIST 238 | Sci & Tech in the Modern World | (4) | |
| | HIST 286E | Premodern Medicine & Disease | (4) | |
| | PHIL 121 | Methods of Reasoning | (4) | |
| | PHIL 122 | Elementary Logic | (4) | |
| | PHIL 148 | Medical Ethics | (4) | |
| | PHIL 423 | Phil of Science | (4) | |
| | SOC 251 | Deviant Behavior | (4) | |

| PSYCHOLOGY ELECTIVES | | | | |
|----------------------|----------|--------------------------------------|-----|----------|
| | Course # | Name | cr | Attr |
| | PSYC 220 | Developmental Psych | (4) | (S) |
| | PSYC 223 | Behavior Disorders | (4) | (S) |
| | PSYC 330 | Drugs and Behavior | (4) | (S) |
| | PSYC 350 | Human Memory | (4) | |
| | PSYC 351 | Perception | (4) | |
| | PSYC 352 | Perception Lab | (4) | (C, L) & |
| | PSYC 355 | Lab in Child Behavior (petition ICD) | (4) | (L) & |
| | PSYC 356 | Learning | (4) | |
| | PSYC 357 | Learning Lab | (4) | (C, L) & |
| | PSYC 358 | Cognition | (4) | |
| | PSYC 360 | Psychotherapy | (4) | |
| | PSYC 363 | Behavioral Neuroscience Lab | (4) | (C, L) & |
| | PSYC 385 | Psychological Tests | (4) | |
| | PSYC 406 | Psycholinguistics | (4) | |
| | PSYC 473 | Additional Approved Seminar | (4) | |
| | Research | PSYC 397/493/494/499 (see advisor) | | |

*Psychology courses not listed above will not count as psychology electives

| TYPE A or TYPE B BIOLOGY ELECTIVES | | | | |
|------------------------------------|--------------|-------------------------|-----|------|
| | Course # | Name | cr | Attr |
| | BME 340 | Bioinformatics | (3) | |
| | BIOL 251 | Anatomy & Physiology I | (4) | & |
| | BIOL 252/347 | Anatomy & Physiology II | (4) | & |
| | BIOL 324 | Tissue Biology | (4) | & |
| | BIOL 330 | Genes and Heredity | (4) | |
| | BIOL 340 | Genetics Lab | (4) | & |
| | BIOL 430 | Animal Physiology | (4) | |
| | BIOL 435 | Human Genetics | (4) | |
| | BIOL 441 | Molecular Ecology | (2) | & |
| | BIOL 483I | Microbial Ecology | (4) | |

| TYPE A BIOLOGY ELECTIVES | | | | |
|--------------------------|-----------------|---|-----|------|
| | Course # | Name | cr | Attr |
| | BIOL 304 | Pre-Health Biochemistry | (4) | |
| | BIOL 311 | Principles of Cell Biology | (4) | |
| | BIOL 313 | Cellular Neurobiology | (4) | |
| | BIOL 314 | General Microbiology | (4) | |
| | BIOL 318 | Developmental Biology | (4) | |
| | BIOL 319 | Pre-Health Microbiology | (4) | |
| | BIOL 329 | Pre-Health Microbiology Lab | (2) | & |
| | BIOL/BCHM 401 | Molecular Genetics | (4) | |
| | BIOL 402 | Immunology | (4) | |
| | BIOL/BCHM 403 | Biochemistry | (4) | |
| | BIOL 405 | Vertebrate Endocrinology | (4) | |
| | BIOL/BCHM 425 | Molecular Biology Lab | (2) | & |
| | BIOL/BCHM 426 | Biochemistry Lab | (2) | & |
| | BIOL 427 | Cell Biology Lab | (2) | & |
| | BIOL 428 | Functional Genomics & Proteomics | (4) | & |
| | BIOL 480 (BCMB) | Additional Approved Seminar | (2) | |
| | Research | BIOL 297/495/496/497/498 with BCMB faculty (see advisor) | | |

| TYPE B BIOLOGY ELECTIVES | | | | |
|--------------------------|----------------|--|-----|------|
| | Course # | Name | cr | Attr |
| | BIOL 351 | Mechanisms of Evol | (4) | |
| | BIOL 352 | Marine Biology | (4) | |
| | BIOL 355 | Ecology (w/o Lab) | (4) | |
| | BIOL 366 | Paleobiology | (4) | & |
| | BIOL 371 | Zoology | (4) | & |
| | BIOL 373 | Ecological Princ & Appl | (4) | & |
| | BIOL 378 | Macroevolution | (4) | & |
| | BIOL 379 | Biology & Cons of Birds | (4) | & |
| | BIOL 437 | Biostatistics | (4) | |
| | BIOL 483N | Biostatistics with R | (4) | |
| | BIOL 450 | Ecol, Evol & Animal Beh | (4) | |
| | BIOL 451 | Current Topics in EvoS | (2) | |
| | BIOL 452 | Cultural Evol Theory | (4) | |
| | BIOL 454 | Beh Ecology of Primates | (4) | |
| | BIOL 456 | Evol and Human Beh | (4) | |
| | BIOL 471 | Tropical Marine Biol | (4) | & |
| | BIOL 472 | Tropical Ecol & Conserv | (4) | & |
| | BIOL 475 | Entomology | (4) | & |
| | BIOL 476 | Population Ecology | (4) | & |
| | BIOL 480 (EEB) | Additional Approved Seminar | (2) | |
| | Research | BIOL 297/495/496/497/498 with EEB faculty (see advisor) | | |

Notes:

-It is the student's responsibility to determine whether pre-requisites are needed for any courses

-Only PSYC 397 is taken pass/fail

-BIOL 451 (formerly BIOL 480S) can only count toward the Integrative Neuroscience major once (2007 Bulletin).

-& Indicates course can also fulfill the Lab requirement.