**General Education Program (55 Hours)**

Course No. Course Title Hrs. Grade

**Foundation Studies (18 hours):**

ENG 101 English Composition I 3 \_\_\_\_\_\_

ENG 102 English Composition II 3 \_\_\_\_\_\_

COMM 100 Fundamentals of Oral Communication 3 \_\_\_\_\_\_

MATH 110 College Algebra 3 \_\_\_\_\_\_

INF 101 Introduction to Computer Information Syst 3 \_\_\_\_\_\_

HHP 200 Personal Wellness 3 \_\_\_\_\_\_

**Liberal Arts (37 hours):**

**Complete 6 hours in *International Studies* from the following:**

HIST 111 Modern World Civilization 3 \_\_\_\_\_\_

ENG 125 World Literature & the Human Experience 3 \_\_\_\_\_\_

GSCI 110 World Geography 3 \_\_\_\_\_\_

**Complete 9 hours in *Humanities* from the following** **(max of 6 hours from 1 area):**

ART 180 Fundamentals and Appreciation of Art 3 \_\_\_\_\_\_

ART 280 Approaches to Creativity 3 \_\_\_\_\_\_

ART 201 Survey of Art History I 3 \_\_\_\_\_\_

ART 202 Survey of Art History II 3 \_\_\_\_\_\_

COMM 125 Introduction to Motion Pictures 3 \_\_\_\_\_\_

COMM 318 Introduction to Organizational Comms 3 \_\_\_\_\_\_

ENG 125 World Literature & the Human Experience 3 \_\_\_\_\_\_

ENG 126 Introduction to Literature 3 \_\_\_\_\_\_

ENG 327 Literature Matters 3 \_\_\_\_\_\_

IDS 333 Exploration in the Humanities 1 \_\_\_\_\_\_

IDS 350 Diversity in the U.S. 3 \_\_\_\_\_\_

MLNG 112 Great Works in Translation 3 \_\_\_\_\_\_

THTR 120 Introduction to Theatre 3 \_\_\_\_\_\_

MUS 161 Listening to Music 3 \_\_\_\_\_\_

MUS 391 Jazz 3 \_\_\_\_\_\_

PHIL 100 Critical Thinking 3 \_\_\_\_\_\_

PHIL 120 Introduction to Philosophy 3 \_\_\_\_\_\_

PHIL 340 Introduction to Ethics 3 \_\_\_\_\_\_

SLP 320 Basic Sign Language 3 \_\_\_\_\_\_

SLP 420 Advanced Sign Language 3 \_\_\_\_\_\_

**Complete 10 hours (1hr lab credit) in *Mathematics and Natural Sciences* from the following:**

CHEM 100 Chemist’s View of the World 3 \_\_\_\_\_\_

CHEM 105 Introduction to the Chemistry Lab 1 \_\_\_\_\_\_

CHEM 112 General Chemistry I and Lab 3 \_\_\_\_\_\_

CHEM 114 General Chemistry II and Lab 3 \_\_\_\_\_\_

GSCI 100 Introduction to Geology 3 \_\_\_\_\_\_

GSCI 101 Elements of Physical Geography 3 \_\_\_\_\_\_

GSCI 102 Introduction to Geology Laboratory 1 \_\_\_\_\_\_

GSCI 340 Environmental Geology 3 \_\_\_\_\_\_

MATH 234 Analytic Geometry & Calculus I 3 \_\_\_\_\_\_

MATH 250 Elements of Statistics 3 \_\_\_\_\_\_

MATH 331 Calculus Methods 3 \_\_\_\_\_\_

PHYS 102 Physical Science 3 \_\_\_\_\_\_

PHYS 103 Physical Science Laboratory 1 \_\_\_\_\_\_

PHYS 208 Elementary Meteorology 3 \_\_\_\_\_\_

PHYS 309 Descriptive Astronomy 3 \_\_\_\_\_\_

**Complete 9 hours in *Social and Behavioral Sciences* from the following (max of 6 hours from 1 area):**

ECON 201 Principles of Microeconomics 3 \_\_\_\_\_\_

ECON 202 Principles of Macroeconomics 3 \_\_\_\_\_\_

FIN 205 Theory & Practice of Personal Finance 3 \_\_\_\_\_\_

HIST 110 World Civilization to 1500 3 \_\_\_\_\_\_

HIST 130 United States History to 1877 3 \_\_\_\_\_\_

HIST 131 United States History Since 1877 3 \_\_\_\_\_\_

IDS 350 Diversity in the U.S. 3 \_\_\_\_\_\_

POLS 101 American Government 3 \_\_\_\_\_\_

POLS 105 Current Political Issues 3 \_\_\_\_\_\_

POLS 230 Introduction to International Relations 3 \_\_\_\_\_\_

PSY 100 General Psychology 3 \_\_\_\_\_\_

PSY 300 Abnormal Psychology 3 \_\_\_\_\_\_

PSY 340 Social Psychology 3 \_\_\_\_\_\_

SOC 140 Understanding Society 3 \_\_\_\_\_\_

SOC 355 Sociology of Death and Dying 3 \_\_\_\_\_\_

SOC 388 Sociology of the Family in America 3 \_\_\_\_\_\_

**Complete 3 hours in *Upper-Division Integrative Coursework* from the following:**

IDS 300 Economic Ideas and Current Issues 3 \_\_\_\_\_\_

IDS 325 Ideal Societies in Fiction 3 \_\_\_\_\_\_

IDS 326 Literature and the Environment 3 \_\_\_\_\_\_

IDS 360 Social Justice: Action and Policy 3 \_\_\_\_\_\_

IDS 390 Technology in Society 3 \_\_\_\_\_\_

IDS 400 Bioethics 3 \_\_\_\_\_\_

IDS 401 Ethical Issues in the Professions and Bus. 3 \_\_\_\_\_\_

IDS 402 U.S. Human Geography 3 \_\_\_\_\_\_

IDS 405 Heritage: Society, Science, and Culture 3 \_\_\_\_\_\_

IDS 407 Global Challenges 3 \_\_\_\_\_\_

IDS 440 Conceptions of the Mind 3 \_\_\_\_\_\_

IDS 468 Political Communication 3 \_\_\_\_\_\_

IDS 499 Global Environmental Issues 3 \_\_\_\_\_\_

1. **Biology Core (16 Hours)**

**Required:**

BIOL 180/180L Principles of Biology/Lab 4 \_\_\_\_\_\_ F S

BIOL 325/325L Genetics/Lab 4 \_\_\_\_\_\_ F S

Take **two** of the following:

BIOL 250/250L Botany/Lab 4 \_\_\_\_\_\_ F S

BIOL 260/260L Zoology/Lab 4 \_\_\_\_\_\_ F S

BIOL 490/490L General Microbiology/Lab 4 \_\_\_\_\_\_ F S

1. **Structure and Function Requirement (8 hours)**

Take **two** of the following, at least one of which must be a physiology course:

BIOL 330/330L Plant Anatomy/Lab 4 \_\_\_\_\_\_ S (even)

BIOL 345/345L Human Anatomy/Lab 4 \_\_\_\_\_\_ S

BIOL 346/346L Human Physiology/Lab 4 \_\_\_\_\_\_ F

BIOL 450/450L Comparative Anatomy/Lab 4 \_\_\_\_\_\_ F (odd)

BIOL 495/495L Plant Physiology/Lab 4 \_\_\_\_\_\_ S (odd)

**3. Additional Process Class (minimum 3 hours)**

Take one of the following:

BIOL 395/395L Ecology 4 \_\_\_\_\_\_ S

BIOL 435 Cellular Biology 3 \_\_\_\_\_\_ S

BIOL 420 Evolution 3 \_\_\_\_\_\_ F

**4. Upper-Division Requirements (minimum 7 hours)**

Take any of courses with “BIOL” prefix and 300 level or above from either the list below or courses listed above that were not used to meet the requirements for that section.

Additional courses should be selected in consultation with advisor

BIOL 401 Virology 3 \_\_\_\_\_\_ S (odd)

BIOL 470/471 Problems in Biology 1-4 \_\_\_\_\_\_ F S

BIOL 476 Internship in Biology 1-3 \_\_\_\_\_\_ F S

BIOL 482 Readings in Biology 1-3 \_\_\_\_\_\_ F S

BIOL 610/610L Taxonomy Flowering Plants 4 \_\_\_\_\_\_ F

BIOL 619/619L Aquatic Ecology 4 \_\_\_\_\_\_ F (odd)

BIOL 620/620L Biostatistics 4 \_\_\_\_\_\_ F

BIOL 627 Behavioral Ecology 3 \_\_\_\_\_\_ S (even)

BIOL 642/642L Parasitology 4 \_\_\_\_\_\_ S (odd)

BIOL 644/644L Embryology 4 \_\_\_\_\_\_ F (even)

BIOL 648 Immunology 3 \_\_\_\_\_\_ F

BIOL 665 Biodiversity & Conserv. Biology 3 \_\_\_\_\_\_ S

BIOL 672/672L Statistical Applications 4 \_\_\_\_\_\_ S (even)

BIOL 675 Microbiology of the Pathogens 3 \_\_\_\_\_\_ S (even)

**5. Cognates**

**(**In consultation with advisor, depending on professional school requirements)

**Chemistry (minimum 15 hours, two required courses plus minimum one elective)**

CHEM 120/120L University Chemistry I/ Lab 5 \_\_\_\_\_\_ F

CHEM 122/122L University Chemistry II/ Lab 5 \_\_\_\_\_\_ S

**Organic Chemistry elective (minimum 5 hours)**

CHEM 304/304L Essentials of Organic Chemistry/Lab 5 \_\_\_\_\_\_ F

Or:

CHEM 340/340L Organic Chemistry I/Lab 5 \_\_\_\_\_\_ F

CHEM 342/342L Organic Chemistry II/Lab 5 \_\_\_\_\_\_ S

**Biochemistry elective (minimum 5 hours)**

CHEM 360/360L Essentials of Biochemistry/Lab 5 \_\_\_\_\_\_ S

Or:

CHEM 662/662L Biochemistry I/ Lab 5 \_\_\_\_\_\_ F

CHEM 664/664L Biochemistry II/Lab 5 \_\_\_\_\_\_ S

**Physics (10 hours)**

**Take:**

PHYS 111/111L Physics I/Lab 5 \_\_\_\_\_\_ F

PHYS 112/112L Physics II/Lab 5 \_\_\_\_\_\_ S

**OR:**

PHYS 211/211L Physics for Sci and Engr. I/Lab 5 \_\_\_\_\_\_ F S

PHYS 212/212L Physics for Sci and Engr. II/Lab 5 \_\_\_\_\_\_ F S

**Mathematics (minimum 6 hours)**

**Take one course in Statistics:**

MATH 250 Elements of Statistics 3 \_\_\_\_\_\_ F S

**OR:**

BIOL 620/620L Biostatistics/Lab 4 \_\_\_\_\_\_ F

**Take one course in Quantitative Analysis:**

MATH 331 Calculus Methods 3 \_\_\_\_\_\_ F S

**OR:**

MATH 122 Plane Trigonometry 3 \_\_\_\_\_\_ F S

***F = Fall Offering, S = Spring Offering***