

**Name** \_\_\_\_\_

**ID #** \_\_\_\_\_

**Faculty Advisor** \_\_\_\_\_

**CORE CURRICULUM**

**FOUNDATIONS** (4/5 Courses/ 12-15 hours)

ENGL 102 Composition II \_\_\_\_\_

MATH 130 College Algebra \_\_\_\_\_

LANG 102/192 or SEDU 465 & 466 \_\_\_\_\_

CIS 120 Intro to Comp Apps \_\_\_\_\_

Information Access Workshop \_\_\_\_\_  
(This is fulfilled in ENGL 102 at Dominican University or a stand-alone workshop)

**LAS SEMINARS** (4 courses/12 hours)

Freshman Seminar \_\_\_\_\_

Sophomore Seminar \_\_\_\_\_

Junior Seminar \_\_\_\_\_

Senior Seminar \_\_\_\_\_

**AREA STUDIES** (7 courses/21 semester hours)

History (HI) \_\_\_\_\_

Literature (LT) \_\_\_\_\_

Fine Arts (FA) \_\_\_\_\_

Natural Science (NS) \_\_\_\_\_

Philosophy (PH) \_\_\_\_\_

Social Science (SS) \_\_\_\_\_

Theology (TH) \_\_\_\_\_

**MULTICULTURAL (MC) (1 course/3 hours)**

Multicultural (MC) \_\_\_\_\_

**Please check pre-requisites for all courses**

**Biology Core** (4 courses/ 16 hours)

BIOL 111 General Biology I (4) \_\_\_\_\_

BIOL 112 General Biology II (4) \_\_\_\_\_

BIOL 240 Genetics (4) \_\_\_\_\_

BIOL 397 Evolution (4) \_\_\_\_\_

BIOL 475 Biology Major Assessment\* (0) \_\_\_\_\_

\*must be taken during the final semester in which you plan to graduate

**Choose one from the following two** (1 course/ 4 hours):

BIOL 298 Research Methods in Molecular \_\_\_\_\_

BIOL 352 Molecular/Cellular \_\_\_\_\_

**Five additional courses numbered 200 or higher (except BIOL 252 or 490):**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

\*\* At least seven (7) of the BIOL courses must have a laboratory and no more than four (4) credit hours may be independent research.

**Chemistry Courses** (4 Courses/ 18 hours)

CHEM 120 General Chemistry I (4) \_\_\_\_\_

CHEM 121 General Chemistry II (4) \_\_\_\_\_

CHEM 253 Organic Chemistry I (5) \_\_\_\_\_

CHEM 254 Organic Chemistry II (5) \_\_\_\_\_

**Math and Physics Courses** (3 courses/ 11 hours)

MATH 131 OR 250 OR 261 (3-4) \_\_\_\_\_

PHYS 211 College Physics I (4) \_\_\_\_\_

PHYS 212 College Physics II (4) \_\_\_\_\_

-OR-

PHYS 221 University Physics I (4) \_\_\_\_\_

PHYS 222 University Physics II (4) \_\_\_\_\_

\*\* MATH 211 and CHEM 360 recommended for those interested in graduate or professional school.

**AREAS OF CONCENTRATION (OPTIONAL)**

**Health Science**

BIOL 351 Advanced Human Anatomy \_\_\_\_\_

BIOL 361 Advanced Human Physiology \_\_\_\_\_

Choose two (2) of the following: 260,264, 310, 371, 382, 388 and 394:

1. \_\_\_\_\_

2. \_\_\_\_\_

**Molecular/Cellular Biology**

BIOL 298 Research Methods in Molecular \_\_\_\_\_

BIOL 352 Molecular/Cellular \_\_\_\_\_

BIOL 394 Cell Biology \_\_\_\_\_

Choose two (2) of the following: BIOL 273, 371 or 382 or CHEM 360:

1. \_\_\_\_\_

2. \_\_\_\_\_

**NOTE:** Students must also complete 1-2 hours of research or course intensification for one of the courses listed above.

**Ecology/Organismal Biology**

BIOL 299 Ecology \_\_\_\_\_

BIOL 310 Microbiology \_\_\_\_\_

BIOL 320 Advanced Topics in Botany \_\_\_\_\_

Choose one (1) from: BIOL 264 or 288

Choose one (1) from: BIOL 268 or 272

**Additional Requirement:**

MATH 211 Principles of Statistics \_\_\_\_\_

**ELECTIVES**

Number of open electives varies depending upon student.

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

7) \_\_\_\_\_

8) \_\_\_\_\_

9) \_\_\_\_\_

10) \_\_\_\_\_

11) \_\_\_\_\_

12) \_\_\_\_\_

**DETERMINING CLASS STANDING**

Freshman: less than 28 credits

Sophomore: 28 – 59 credits

Junior: 60 – 89 credits

Senior: 90 or more credits

**Transfer Earned** \_\_\_\_\_

**Dominican University Credits** \_\_\_\_\_

**TOTAL for Graduation** 124

**\*NR- not required/A.A. earned or IAI GECC**