**2020-2021 Biology BS Degree Plan**

Student name: ____________________________  UMID: ____________________  Date: ___________

Advisor name: ____________________________  Concentration: None

**The Purpose of General Education is to Gain:**
- Knowledge of Human Cultures and the Physical and Natural World
- Intellectual and Practical Skills
- Personal and Social Responsibility
- Integrative and Applied Learning

### Key Courses For General Education (50 hours)

1. **Written Composition (6)**
   - Choose: ENG 101 or 103. 3__
   - Choose: ENG 102 or 104. 3__

2. **Humanities & Fine Arts (18)**
   - Choose one: ENG 231, 233, 232 or 234.* 3__
   - Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.
   - Choose: COMS 101 or 102. 3__
   - Choose one Fine Arts: ART 100, 218, 219; 3__
   - Choose one Humanities:
     - ENG 231 or 233, 232 or 234; 3__
     - SPN 101 or 103, 102 or 104, 150, 201, 202, 250; 3__
     - GER 101, 102, 201, 202; 3__
     - PHIL 110 or 111, 180, 220 or 221, 230, 280, 290.
     - Choose two of the following (not used above):
       - ART 100, 218, 219; ENG 231 or 233, 232 or 234; 3__
       - FRN 101, 102, 150, 201, 202, 250; SPN 101 or 103, 3__
     - Choose three of the following not used above:
       - EC 231, 232; FCS 291, 402; GEOG 231; 3__
       - HIST 101/103, 102/104; POS 200, 250; 3__
       - PSYC 201/202; SOC 101/102; SWK 203, 260, 322. 3__

3. **Natural Sciences & Mathematics (11)**
   - Choose: CHEM 121. 4__
   - Choose: PHYS 201 or 241. 4__
   - Choose: MATH 157. 3__

4. **History, Social & Behavioral Sciences (12)**
   - Choose one: HIST 101, 103, 102 or 104.* 3__
   - Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.
   - Choose three of the following not used above:
     - EC 231, 232; FCS 291, 402; GEOG 231; 3__
     - HIST 101/103, 102/104; POS 200, 250; 3__
     - PSYC 201/202; SOC 101/102; SWK 203, 260, 322. 3__

5. **Personal Development (3)**
   - Choose one of the following:
     - ART 250, 255; CS 161; ED 447; ES 200; FCS 281; EXNS 120; MATH 261; MIS 161; MUS 228.

### Major Course Requirements (40 hours)

- BIO 101 (Freshman Experience in Biology) 1__
- BIO 105 (Introductory Biology I) or BIO 107 4__
- BIO 106 (Introductory Biology II) 4__
- BIO 205 (Ecology) 4__
- BIO 206 (Genetics) 4__
- BIO 307 (Cell Biology) 4__
- BIO 310, 380, 390, 460 or 470 4__
- BIO 300/400 Elective* 4__
- BIO 300/400 Elective* 4__
- BIO 300/400 Elective* 4__
- BIO 490 (Senior Seminar) 3__

* BIO 100 cannot apply towards the Biology major.

### Additional Requirements (20-22 hours)

- CHEM 122 4__
- CHEM 221 4__
- CHEM 222 or 370 4__
- MATH 150 (or MATH 144 & 149) 4/6__
- PHYS 202 or 242 4__

### General Electives (8-10 hours)

- ________________
- ________________
- ________________
- ________________

### Minor Course Requirements (Optional)

- Title: ___________________________  Hrs. Req. ___

### GENERAL GRADUATION REQUIREMENTS

1. 50% of hrs in major area at UM
2. 30 hrs 300/400 at UM
3. 30 of last 40 hours at UM
4. 64 hr limit from 2-year school
5. 45 hr limit of non-traditional credit
6. 6-hr sequence in history or literature
7. Capstone experience within major
8. 2.0 or higher UM GPA and in all major and minor areas

Updated 3/30/2020

For planning only. Refer to CAPP for official degree evaluation.