

**BIOLOGY: SECONDARY EDUCATION  
2019-2020 Election of Major**

EDUC 477

Jr High/Middle School Student Teaching

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

Name \_\_\_\_\_ ID # \_\_\_\_\_

Planned Degree Completion Date: Mo. \_\_\_\_ Yr. \_\_\_\_

Check Degree Plan: \_\_\_\_BA \_\_\_\_BS

**BIOLOGY REQUIREMENTS**

**1. Biology**

- BIOL 106/106L Principles of Biology I & Lab C-4NB (4) \_\_\_\_\_
- BIOL 108/108L Principles of Biology II & Lab (4) \_\_\_\_\_
- BIOL 229/229L Intro to Molecular Biology & Lab (3) \_\_\_\_\_
- BIOL 331/331L Invertebrate Zoology & Lab (4) \_\_\_\_\_
- BIOL 360 Genetics (4) \_\_\_\_\_
- BIOL 395 Orientation to Research (1) \_\_\_\_\_

Four hours of electives in Biology

Three hours selected from:

- BIOL 475 Senior Research in Biology (3) \_\_\_\_\_

**OR**

- BIOL 397 Directed Research in Biology (1) \_\_\_\_\_
- BIOL 494 Senior Research I (1) \_\_\_\_\_
- BIOL 496 Senior Research II (1) \_\_\_\_\_

One course selected from each group

- a. BIOL 364/364L Comparative Vertebrate Anatomy & Lab (4) \_\_\_\_\_
- BIOL 422/422L Vertebrate Physiology & Lab (4) \_\_\_\_\_
- b. BIOL 241/241L Vascular Plant Systematics & Lab (4) \_\_\_\_\_
- BIOL 243/243L Intro to Algae, Plants & Fungi & Lab (3) \_\_\_\_\_
- BIOL 322/322L Plant Physiology & Lab (4) \_\_\_\_\_
- c. BIOL 315/315L Ecology & Lab (4) \_\_\_\_\_
- BIOL 413/413L Limnology & Lab (4) \_\_\_\_\_
- d. BIOL 313/313 L Microbiology & Lab (4) \_\_\_\_\_
- BIOL 332 DNA Science (3) \_\_\_\_\_
- BIOL 365 Cell Biology (3) \_\_\_\_\_

**2. Chemistry: Eight hours selected from:**

- CHEM 105/105L Intro to Inorganic Chemistry (4) \_\_\_\_\_
- CHEM 106/106L Intro to Organic Chemistry (4) \_\_\_\_\_

**OR**

- CHEM 111/111L General Chemistry I (4) \_\_\_\_\_
- CHEM 113/113L General Chemistry II (4) \_\_\_\_\_

**PROFESSIONAL EDUCATION**

- EDUC 111 Exploring Teaching and Learning (3) \_\_\_\_\_
- EDUC 211 The Exceptional Learner (4) \_\_\_\_\_
- EDUC 237 Educational Psychology C-4HD (4) \_\_\_\_\_
- EDUC 245 Educational Assessment (4) \_\_\_\_\_
- EDUC 342 Literacy in the Content Area (4) \_\_\_\_\_
- EDUC 357 Classroom Management/Conflict Resolution (4) \_\_\_\_\_
- EDUC 362 Literacy and English Language Learners (2) \_\_\_\_\_
- EDUC 444 Methods for Secondary Education (4) \_\_\_\_\_
- EDUC 410 The Teacher in Today's School (2) \_\_\_\_\_
- EDUC 475 High School Student Teaching (7) \_\_\_\_\_

**CORE Program**

**1 Foundational Skills**

- 1FS: FYS First Year Seminar (3) \_\_\_\_\_
- 1FS: FYE First Year Experience (1) \_\_\_\_\_
- 1O: COMM 110 Found of Human Communication (3) \_\_\_\_\_
- 1Q: MATH 113 (BA only) 115 or 121 or 210 (3) \_\_\_\_\_

**2 Physical Activity and Wellness**

- PE106: Fitness Decisions for a Healthy Lifestyle (1) \_\_\_\_\_
- PE Activity \_\_\_\_\_ (1.5) \_\_\_\_\_
- PE Activity \_\_\_\_\_ (1.5) \_\_\_\_\_

**3 Integration Into the World**

- 3RC: Responsible Citizenship \_\_\_\_\_ ( ) \_\_\_\_\_
- 3GC: Global Connections \_\_\_\_\_ ( ) \_\_\_\_\_
- 3RC or 3GC: \_\_\_\_\_ ( ) \_\_\_\_\_

**4 Ways of Knowing (9 Courses)**

Philosophical, Religious and Creative Inquiry (1 course in each category)

- 4RL: Religion \_\_\_\_\_ ( ) \_\_\_\_\_
- 4PH: Philosophy \_\_\_\_\_ ( ) \_\_\_\_\_
- 4AR: Visual and Performing Arts \_\_\_\_\_ ( ) \_\_\_\_\_
- 4LT: Literature \_\_\_\_\_ ( ) \_\_\_\_\_

Human Behavior and Institutions (1 course from PSYC, SOC, POSC, or ECON)

- 4HD: EDUC 237 Educational Psychology X
- 4HY: PSYC 110 Intro Psychology X
- 4H\_\_: \_\_\_\_\_ ( ) \_\_\_\_\_

Natural World (2 courses, each in a different discipline)

(Disciplines: B-Biology, C-Chemistry, E-Earth/Space, P-Physics)

- 4NB: BIOL 106 Principles of Biology X
- 4NC: CHEM 105 or 111 X

**5 Synthesis & Critical Connections (1 course & VIA)**

- 5C: Critical Connections: INTD \_\_\_\_\_ ( ) \_\_\_\_\_
- VIA (see requirements in *Catalog*) up to (2) credits \_\_\_\_\_

**(A minimum of 120 credit hours required for graduation.)**

**TOTAL** \_\_\_\_\_

(See other side)

**Bachelor of Arts requirements: Intermediate language proficiency at 200 level**

\_\_\_ Yes \_\_\_ No

**REQUIRED SIGNATURES:**

**Student: I understand that I have final responsibility for monitoring my graduation requirements.**

**Student Signature:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Advisor:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Department Chair:** \_\_\_\_\_ **Date** \_\_\_\_\_

**Dir of Teacher Ed:** \_\_\_\_\_ **Date** \_\_\_\_\_