

**BIOLOGY-CHEMISTRY EDUCATION
2020-2021 Election of Major**

Name _____ ID # _____

Planned Degree Completion Date: Mo. ____ Yr. ____

Check Degree Plan: ____BA ____BS

REQUIRED COURSES

BIOL 106/106L Principles of Biology I & Lab (4) _____
 BIOL 108/108L Principles of Biology II & Lab (4) _____
 BIOL 229/229L Intro to Molecular Biology & Lab (4) _____
 BIOL 313/313L Microbiology & Lab (4) _____

OR

BIOL 365 Cell Biology (3) _____
 BIOL 364/264L Comparative Vertebrate Anatomy & Lab (4) _____
 BIOL 422/422L Advanced Human Physiology & Lab (4) _____
 CHEM 111/111L General Chemistry I & Lab (4) _____
 CHEM 113/113L General Chemistry II & Lab (4) _____
 CHEM 235/235L Analytical Chemistry & Lab (4) _____
 CHEM 311/311L Organic Chemistry I & Lab (4) _____
 CHEM 312/213L Organic Chemistry II & Lab (4) _____
 CHEM 405 Biochemistry I (W) (3) _____
 CHEM 405L Biochemistry I Lab (1) _____

OR

CHEM 406 Biochemistry II (3) _____

One year of physics selected from:

PHYS 111/111L College Physics I & Lab (4) _____
 PHYS 112/112L College Physics II & Lab (4) _____
 OR
 PHYS 210/210L General Physics I & Lab (4) _____
 PHYS 220/220L General Physics II & Lab (4) _____

PROFESSIONAL EDUCATION

EDUC 111 Exploring Teaching and Learning (3) _____
 EDUC 212 The Exceptional Learner (3) _____
 EDUC 230 Educational Psychology (3) _____ C-4HD
 EDUC 246 Educational Assessment (3) _____
 EDUC 343 Literacy in the Content Area (3) _____
 EDUC 353 Classroom Management/Conflict Resolution (3) _____
 EDUC 362 Literacy and English Language Learners (2) _____
 EDUC 410 The Teacher in Today's School (2) _____
 EDUC 440 General Methods for Adolescent Learners (3) _____
 EDUC 475 High School Student Teaching (7) _____
 EDUC 477 Jr High/Middle School Student Teaching (6) _____

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 DATA 210 (3) _____

2 Integration Into the World

3RC: Responsible Citizenship _____ () _____

3GC: Global Connections _____ () _____

3RC or 3GC: _____ () _____

3 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 230 Educational Psychology X

4H __: _____ () _____

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 111 General Chemistry I X

4 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** _____