

**PLAN OF STUDY FOR STUDENTS IN BIOLOGICAL SCIENCES (TE)** (1/06-ELP)

(Reflects 2010 program change)

Name \_\_\_\_\_ Catalog year \_\_\_\_\_

Date \_\_\_\_\_ Minor \_\_\_\_\_

**MAJOR REQUIREMENTS:**

BSC 161 Intro to Teaching Science (2) \_\_\_\_\_

BSC 196 Biological Diversity (4) \_\_\_\_\_

BSC 197 Cellular and Mol. Basis of Life (4) \_\_\_\_\_

BSC 201 Ecology (4) \_\_\_\_\_

BSC 203 Cell Biology (3) \_\_\_\_\_

BSC 219 Genetics (3) \_\_\_\_\_

BSC 231 Lab Methods in Biology (2) \_\_\_\_\_

BSC 302 Student Teaching Seminar (1) \_\_\_\_\_

BSC 305 Biological Evolution (3) \_\_\_\_\_

BSC 307 Methods of Teaching Biology (3) \_\_\_\_\_

Electives (12 hours – must include \_\_\_\_\_

2 lab courses) \_\_\_\_\_

**TOTAL BIOLOGY HOURS** (40 required) \_\_\_\_\_

CHE 140/141 \_\_\_\_\_

CHE 220 or 230,231 Organic Chemistry \_\_\_\_\_

Elective \_\_\_\_\_

**TOTAL CHEM HOURS** (13 required) \_\_\_\_\_

PHY 105 Fund of PHY (4) or \_\_\_\_\_

PHY 108 College Physics I (5) \_\_\_\_\_

**TOTAL PHYSICS HOURS** (4 required) \_\_\_\_\_

GEO 102 Principles of Geology (3) or \_\_\_\_\_

GEO 202 Evolution of Earth (3) \_\_\_\_\_

**TOTAL GEOLOGY HOURS** (3 required) \_\_\_\_\_

MATH (applied option) \_\_\_\_\_

MAT 120 Finite Mathematics (4) \_\_\_\_\_

GEO 138/POL 138/ECO 138/PSY 138 (3) \_\_\_\_\_

or

MATH (theoretical option) \_\_\_\_\_

MAT 145 Calculus I (4) \_\_\_\_\_

GEO 138/POL 138/ECO 138/PSY 138 (3) \_\_\_\_\_

**TOTAL MATH HOURS** (7 required) \_\_\_\_\_

**Professional Studies Courses:**

Course	Hours	Taken?	Prerequisites
PSY 215 Educational Psychology	3		PSY 111 or PSY 110
C&I 212 Curriculum and Organization Issues in Secondary Schooling	2		<ul style="list-style-type: none"> <li>• Education Major</li> <li>• 2.5 GPA</li> <li>• COM 110 &amp; ENG 101 – “C” or better</li> </ul>
C&I 214 Literacy in the Content Areas of Secondary Education	3		<ul style="list-style-type: none"> <li>• Education Major</li> <li>• 2.5 GPA</li> <li>• COM 110 &amp; ENG 101 “C” or better</li> <li>• MUST BE ADMITTED TO PROFESSIONAL STUDIES</li> <li>• C&amp;I 212 or 215 – “C” or better</li> </ul>
C&I 216 Instructional and Evaluative Methods in Secondary Education	3		<ul style="list-style-type: none"> <li>• Education Major</li> <li>• 2.5 GPA</li> <li>• COM 110 &amp; ENG 101 “C” or better</li> <li>• MUST BE ADMITTED TO PROFESSIONAL STUDIES</li> <li>• C&amp;I 212 or 215 and PSY 215 – “C” or better</li> <li>• Passing scores on EBS</li> <li>• Registration of a separate clinical</li> </ul>
EAF 228 or 231 or 235	3		
Student Teaching	12		<ul style="list-style-type: none"> <li>• All requirements for graduation</li> <li>• 2.5 major and cumulative GPA</li> <li>• Passing score on state certification content test</li> </ul>

**Middle School Certification Courses (optional but highly recommended):**

Course	Hours	Taken?	Prerequisites
PSY 302	3		PSY 111 or 110
C&I 233.01	3		<ul style="list-style-type: none"> <li>• 2.0 GPA</li> <li>• Education Major</li> <li>• ENG 101 and COM 110 – “C” or better</li> <li>• Passing scores on EBS</li> </ul>

**Education Course Flow (transfer students):**

1	2	3	4
<ul style="list-style-type: none"> <li>• PSY 215</li> <li>• C&amp;I 212</li> <li>• Apply for admission to Professional Studies</li> <li>• Take EBS early in semester</li> <li>• EAF course (any semester)</li> </ul>	<ul style="list-style-type: none"> <li>• C&amp;I 216</li> <li>• C&amp;I 214</li> <li>• Apply to student teaching</li> <li>• PSY 302</li> </ul>	<ul style="list-style-type: none"> <li>• BSC 307</li> <li>• Finish all course work</li> <li>• TB test</li> <li>• C&amp;I 233.01</li> </ul>	Student Teaching