



**CATALOG YEAR 2013-2014**

COLLEGE/SCHOOL/SECTION: COAS Biology & Chemistry

Course: Add:    Delete: X

(check all that apply) Change: Number    Title    SCH    Description    Prerequisite   

**Response Required:** New course will be part of major    minor    as a required    or elective    course

**Response Required:** New course will introduce   , reinforce   , or apply    concepts

If new, provide Course Prefix, Number, Title, **Measurable** Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

**Program:** Delete: X Add:    Change:    Attach new/changed Program of Study description and 4-year plan. If in current online catalog, provide change and attach text with changes in red.

**Program Learning Outcomes:** Add:    Change:    Attach listing of program learning outcomes.

**Minor:** Add:    Delete:    Change:    Attach new/changed minor. If in current online catalog, provide change and attach text with changes in red.

**College Introductory Pages:** Add information:    Change information:    Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

**Other:** Add information:    Change information:    Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

**Justification: Eliminate BA in Biology, Major in Biology with Grades 8<sup>th</sup>-12<sup>th</sup> Certification. Lack of student interest. Currently no majors above the Sophomore level. Major overlap with BS in Science with certification.**

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____

Eliminate BA in Biology with Certification

**BACHELOR OF ARTS  
MAJOR IN BIOLOGY  
WITH GRADES 8 -12 CERTIFICATION**

Following is **one** suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment; responsible for reviewing the **Program of Study Requirements**; and must meet **foreign language** and **writing intensive course** requirements for graduation. See Academic Regulations-Undergraduate.

*\*See Appendix A Core Curriculum and Optional Course Information.*

<b>FALL</b>	<b>HOURS</b>		<b>SPRING</b>	<b>HOURS</b>	
<b>FRESHMAN YEAR</b>			<b>FRESHMAN YEAR</b>		
BIOL 1406	<u>Principles of Biology I</u>	4	BIOL 1411	<u>Principles of Biology II</u>	4
CHEM 1411	<u>General Chemistry I</u>	4	CHEM 1412	<u>General Chemistry II</u>	4
ENGL 1301	<u>English Composition I</u>	3	ENGL 1302	<u>English Composition II</u>	3
PSCI 2305	<u>American National Govt</u>	3	MATH 2412	<u>Pre-Calculus</u>	4
HIST 1301	<u>The U.S. to 1877</u>	<u>3</u>	HIST 1302	<u>The U.S. Since 1877</u>	<u>3</u>
<b>Total</b>		<b>17</b>			<b>18</b>
<b>SOPHOMORE YEAR</b>			<b>SOPHOMORE YEAR</b>		
BIOL 1413	<u>Principles of Biology III</u>	4	BIOL 2421	<u>Microbiology</u>	4
CHEM 2423	<u>Organic Chemistry I</u>	4	BIOL 3410	<u>Ecology</u>	4
MATH 1342	<u>Introductory Statistics</u>	3	PSCI 2306	<u>American State Govt</u>	3
ENGL	<u>Survey of Literature*</u>	3		<u>Activity/Wellness*</u>	1
MATH 2413	<u>Calculus I</u>	<u>4</u>	ENGL 2311	<u>Technical Writing</u>	<u>3</u>
<b>Total</b>		<b>18</b>			<b>15</b>
<b>JUNIOR YEAR</b>			<b>JUNIOR YEAR</b>		
BIOL	<u>Advanced Biology Elec<sup>1</sup></u>	4	BIOL 3413	<u>Intro to Genetics</u>	4
BIOL	<u>Advanced Biology Elec<sup>1</sup></u>	4	BIOL	<u>Advanced Biology Elec<sup>1</sup></u>	4
	<u>Soc/Behavioral Science*</u>	3	EDCI 3301	<u>Thry&amp;Pract Public School Tchg</u>	3
	<u>Visual/Performing Arts*</u>	<u>3</u>	EDCI 3302	<u>Language Acq&amp;Develop</u>	<u>3</u>
<b>Total</b>		<b>14</b>			<b>14</b>
<b>SENIOR YEAR</b>			<b>SENIOR YEAR</b>		
BIOL	<u>Advanced Biology Elec<sup>1</sup></u>	4	EDRD 3320	<u>Content Reading</u>	3
BIOL	<u>Advanced Biology Elec<sup>1</sup></u>	4	EDCI 4993	<u>Student Teaching</u>	<u>9</u>
EDDP 4324	<u>Teaching Div Stu Pop</u>	3			
EDCI 3304	<u>Methods.Mgt&amp;Discipline</u>	<u>3</u>			
<b>Total</b>		<b>14</b>			<b>12</b>

**TOTAL SEMESTER CREDIT HOURS: 122**

<sup>1</sup>Biology electives, select 20 SCH from BIOL 3403, 3404, 3406, 3407, 3412, 3414, 3416, 3451, 4170, 4173-4473, 4371, 4402, 4404, 4408, 4409, 4420, 4425, 4440, 4441, 4471, ENSC 3310, 3401, 4170, 4173-4473, 4310, or 4430. BIOL 4173-4473 may be repeated for up to 8 SCH for credit within the degree.

