

Student Name \_\_\_\_\_ Date \_\_\_\_\_ GPA \_\_\_\_\_

Transcript Analysis by \_\_\_\_\_

**NOTE TO CREIGHTON UNDERGRADUATES:** Choose a major area for your bachelor's degree in Biology or Chemistry and contact an advisor in one of the departments.

## CREIGHTON UNIVERSITY FIELD ENDORSEMENT IN SCIENCE

### Science Endorsement with Biology Emphasis

Creighton Courses		Credits	Equivalent Courses
27 Credits of BIOLOGY			
BIO 201/205	General Biology: Organismal and Pop. w/ lab	4	
BIO 202/206	General Biology: Cellular & Molecular w/lab	4	
BIO 317/318	Genetics w/ lab	4	
BIO 371	Animal Behavior	3	
BIO 449/450	Animal Physiology w/lab	4	
BIO 481 BIO 485/486	Terrestrial Ecology <b>OR</b> Marine and Freshwater Ecology with Lab	4 OR 5	
BIO 581	Evolution	4	
8 Credits of Chemistry			
CHM 203/204	General Chemistry I w/lab	4	
CHM 205/206 CHM 285/286	General Chemistry II with Lab <b>OR</b> Advanced General Chemistry II w/lab	4 OR 5	
8 Credits of Physics			
PHY 201/205	General Physics for the Life Sciences I w/lab	4	
PHY 202/206	General Physics for the Life Sciences II w/lab	4	
8 Credits of Earth & Space Science			
ATS 113/114	Introduction to Atmospheric Sciences w/lab	4	
PHY 109/110	Intro Astronomy with Lab	4	
<b>Minimum Total Credits for Teaching Endorsement</b>		51	
<b>Education Courses are also required</b> for teacher certification. Contact Creighton's Education Department and check the University Bulletin.			

*Note:* Creighton students must also take Math 245 Calculus I.

Revised April 8, 2016

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**NOTE TO CREIGHTON UNDERGRADUATES:** Choose a major area for your bachelor's degree in Biology or Chemistry and contact an advisor in one of the departments.

## CREIGHTON UNIVERSITY FIELD ENDORSEMENT IN SCIENCE

### Science Endorsement with Chemistry Emphasis

	Creighton Courses	Credits	Equivalent Courses
<b>26 Credits of Chemistry</b>			
CHM 203/204	General Chemistry I w/lab	4	
CHM 205/206 CHM 315	General Chemistry II w/lab AND Quantitative & Statistical Analysis	8	
<b>OR</b>			
CHM 285/286	Advanced General Chemistry II w/lab (may be substituted for CHM 205, 206, and 315)	5	
CHM 321/322	Organic Chemistry I w/lab	4	
CHM 323/324	Organic Chemistry II w/lab	4	
CHM 341	Physical Chemistry I	3	
CHM 381	Fundamentals of Biochemistry	3	
<b>*Creighton Chemistry majors check with your Chemistry advisor on P-Chem II &amp; Math 532 requirement.</b>			
<b>8 Credits of Biology</b>			
BIO 201/205	General Biology: Organismal and Pop. w/ lab	<u>4</u>	
BIO 202/206	General Biology: Cellular & Molecular w/ lab	<u>4</u>	
<b>8 Credits of Physics</b>			
<u>Choose One Lecture with Lab</u>		4	
PHY 201/205	General Physics for the Life Sciences I		
PHY 213/205	General Physics for Physical Sciences I		
<u>Choose One Lecture with Lab</u>		4	
PHY 202/206	General Physics for the Life Sciences II		
PHY 214/206	General Physics for Physical Sciences II		
<b>8 Credits of Earth &amp; Space Science</b>			
ATS 113/114	Intro to Atmospheric Sciences w/lab	4	
PHY 109/110	Intro Astronomy with Lab	4	
<b>Minimum Total Credits for Teaching Endorsement</b>		50	
<b>Education Courses are also required</b> for teacher certification. Contact Creighton's Education Department and check the University Bulletin.			

Note: Creighton students must also take Math 245 Calculus I & Math 246 Calculus II.

Revised April 8, 2016