

Student Name \_\_\_\_\_

ID Number \_\_\_\_\_

**BACHELOR OF SCIENCE/ARTS in BIOLOGY with SECONDARY CERTIFICATION 2009-2010**

BS  
BA

GENERAL EDUCATION CORE				
SKILLS COMPONENT	REQ	DONE	GRADE	NEED
ENGL 101/102	6			
ENGL 109				
COMM 101, 202, 203, 204, 205	3			
MATH 143 & 144 OR	5			
MATH 147				
<b>HUMANITIES one Lit and one Art course (6 cr. required)</b>				
ENGL 150, ENGL 257, ENGL 258, HUM 301	3			
ART 100, HUM 101, HUM 150, MUS 101, TH	3			
<b>NATURAL SCIENCES two courses required (7 cr. required)</b>				
NS 150	3			
CHEM 111	4			
<b>SOCIAL SCIENCE three courses required (9 cr. required)</b>				
PSYC 205	3			
<i>and two of the following:</i>				
ANTH 102, 120, 170	6			
ECON 101, 102, 201, 202				
GEOG 102				
HIST 101, 102, 111, 112				
HRPT 184, 185				
PHIL 120				
POLS 101, 285				
PSYC 101				
SOC 101, 102				
SS 150, 184				
<b>INTEGRATIVE COMPONENT one course required</b>				
ID, HUM, NS, SS 350	3			
ID, HUM, NS, SS 351				
<b>TOTAL</b>	<b>39</b>			

FOREIGN/HERITAGE LANGUAGE	REQ	DONE	GRADE	NEED
101 8 cr required; take 16 cr if a BA degree is desired.	4			
102	4			
201	0			
202	0			
<b>TOTAL</b>	<b>8</b>			

SUMMARY				
GENERAL EDUCATION CORE	39			
ELECTIVES	0			
LANGUAGE	8			
NATURAL SCIENCE PROGRAM	53			
SECONDARY EDUCATION	33			
<b>TOTAL</b>	<b>133</b>			

**128 Total Credits (minus remedial):**

**36 Upper Division Credits:**

**32 Resident Credits (LCSC):**

Secondary certification candidates must meet the graduation requirements for their major and the Secondary Teacher Education Program and must have two advisors. (see below)

See Catalog section "Education Division: Secondary Teacher Certification" regarding certification requirements for this major. Selective course choices could be affected.

**NOTES, COMMENTS, SUBSTITUTIONS, WAIVERS**

Beginning Fall 2009, ED 327 will be replaced with ED 318 & ED 321 and SE 407 will be replaced with SE 322.

Please see your advisor for assistance.

**NATURAL SCIENCES:**

Advisc \_\_\_\_\_ Date \_\_\_\_\_  
(printed) Advisor's Signature

Divisic \_\_\_\_\_ Date \_\_\_\_\_

**EDUCATION:**

Advisc \_\_\_\_\_ Date \_\_\_\_\_  
(printed) Advisor's Signature

Divisic \_\_\_\_\_ Date \_\_\_\_\_

Division Chair's Signaure

BIOLOGY PROGRAM				
PROGRAM REQUIREMENTS	REQ	DONE	GRADE	NEED
CHEM 111 Principles of Chemistry I				Counted in core
CHEM 112 Principles of Chemistry II	4			
BIOL 180 Concepts in Cellular Mechanism	4			
BIOL 181 Diversity of Life	4			
BIOL 202 Zoology	4			
BIOL 203 Botany	4			
BIOL 301 Evolution	4			
BIOL 401 Mammalogy	4			
BIOL 450 Field Botany	4			
MATH 143/144 College Algebra/Trigonometry				Counted in core
or MATH 147 PreCalculus				
MATH 254 Statistical Methods for Sciences	4			
NS 380 Senior Seminar	1			
PHYS 111 or 211 ... Physics I	4			
PHYS 112 or 212 ... Physics II	4			
<b>SELECTIVES: Any BIOL courses numbered 200 or higher</b>				
BIOL	8			
BIOL				
BIOL				
BIOL				
<b>TOTAL</b>	<b>53</b>			

**SECONDARY EDUCATION CERTIFICATION REQUIREMENTS**

Application for admission to the Teacher Education Program is required after successful completion of Phase I courses.

PHASE I - Professional Foundations of Education	REQ	DONE	GRADE	NEED
ED 214 Princ of Educ/Field Experience	3			
ED 327 Theories of Learning:Instr. & Assessmt	3			see note
<b>PHASE II - Professional Studies in Education</b>				
RE 422 Reading in the Content Area	3			
ED 453 Media & Tech for Tchg 6-12	3			
ED 454 Professional Teaching Strategies	3			
ED 456 Content Methods	2			
ED 329 Culturally Responsive Classroom	1			
<b>PHASE III - Professional Internship (taken as your final semester)</b>				
ED 452 Internship Seminar	1			
ED 460 Professional Internship in Educ 6-12	12			
SE 407 Adaptive Teaching	2			see note
<b>Subtotal Credits - Secondary Ed Certification</b>	<b>33</b>			
<b>TOTAL CREDITS - Biology Major w/Sec Ed Cert</b>	<b>86</b>			

No grade lower than a "C-" will be accepted in any General Education core, Content Major, or Professional Foundations course. No grade lower than a "B-" will be accepted in any Professional Studies or Professional Internship secondary education course.

A minimum cumulative GPA of 2.75 is required for admission into the Secondary Teacher Education Program. Candidates must also maintain a 3.0 cumulative GPA in their content area classes.

Additional requirements must be met for teacher certification. See your Education Division advisor for details.