

Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Mat \_\_\_\_\_

**GENERAL EDUCATION (44-46 credits)**

Crs.	Grd.
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Some General Education courses can also fulfill Related Requirements

**STUDY AREAS**

**Study Area I Arts & Humanities (9 credits)**

ENG literature	3	
	3	
	3	

**Study Area II Social Sciences (9 credits)**

HIST	3	
	3	
	3	

**Study Area III Behavioral Sciences (6 credits)**

	3	
	3	

**Study Area IV Natural Sciences (6 or 7 credits)**

Course can be double-counted in major	X	X
Course can be double-counted in major	X	X

**SKILL AREAS**

**Skill Area I Communication Skills (6 credits)**

WRT 105 & 105P or WRT 110 Freshman Composition	3	
	3	

**Skill Area II Mathematics Requirement (6 credits)**

	3	
	3	

**Skill Area III Foreign Language Proficiency Requirement (check one)**

- completion of a level-three high school foreign language	
- passed a standardized foreign language exam	
- successful completion of an upper level foreign language course	
- demonstration of native proficiency in a language other than English	

**Skill Area IV University Requirement (2 or 3 credits)**

PE 144 required for students matriculating with fewer than 15 credits	2 or 3	
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**ELECTIVES (if necessary to reach 120 credits)**


International Requirement	
International Requirement	
First Year Experience Requirement	
Equity, Justice, & Inclusion (EJI)	

\*Please note all professional education courses require admission to the Professional Program and a grade of C or better

## MAJORS

Circulation Semester:

Date:

<b>CHEMISTRY MAJOR (31-32 credits)</b>		Crs.	Grd.
<i>Grade of C- or better required</i>			
CHEM 161 General Chemistry		3	
CHEM 162 General Chemistry Lab		1	
CHEM 200 Foundations of Analytical Chemistry		3	
CHEM 201 Foundations of Analytical Chemistry Lab		1	
CHEM 210 Organic Chemistry I - Foundations		3	
CHEM 211 Organic Chemistry I Lab - Foundations		1	
CHEM 212 Organic Chemistry II - Synthesis		3	
CHEM 213 Organic Chemistry II Lab - Synthesis		1	
CHEM 238 Introduction to Research		1	
CHEM 260 Foundations of Inorganic Chemistry		3	
CHEM 316 Spectroscopic Identification of Organic Compounds		3	
CHEM 332 Chemical Literature		1	
CHEM 432 Chemistry Seminar		1	
One of the following: CHEM 320 Biophysical Chemistry CHEM 321 Physical Chem. of Thermodynamics & Kinetics CHEM 322 Physical Chem. of Quantum & Statistical Mechanics		3	
One of the following: CHEM 354 Biochemistry (3) CHEM 402 Instrumental Analysis (4) CHEM 406 Environmental Chemistry (3) CHEM 485 Topics in Chemistry (3)		3 or 4	

**RELATED REQUIREMENTS (27 or 28 credits)***Grade of C- or better required***SCIENCE RELATED REQUIREMENTS (14-15 credits)**

BIO 121 OR BMS 102 and 103 OR GSCI 121		3 or 4	
PHYS 121 or PHYS 125 Physics I		4	
PHYS 122 or PHYS 126 Physics II		4	
SCI 420 The Nature of Science and Technology		3	

**ADDITIONAL REQUIREMENTS (13 credits)***Required for the Program & can also fulfill General Education*

HIST 161 or HIST 162 (ST II)		3	
PSY 136 Lifespan Development (ST III)		3	
EDF 215 Education in a Multicultural Society (ST III)		3	
MATH 152 Calculus I (SK II)		4	

**PROFESSIONAL EDUCATION (30 credits)**

SPED 315 Intro. to Educating Learners with Exceptionalities		3	
EDTE 316 Principles of Learning in Diverse Settings (7-12)		4	
SCI 414 Interdisciplinary Science, Practices, & Pedagogy		3	
LLA 440 Literacy in the Secondary School		3	
EDSC 425 Multicultural, Interdisciplinary Teaching (7-12)		3	
SCI 417 Teaching of Science in the Secondary School		3	
SCI 418 Field Work in Secondary Science Education		1	
SCI 419 Student Teaching Seminar		1	
EDSC 435 Secondary Education Student Teaching		9	