

# ACADEMIC MAP

## 2016-17 BS IN CHEMISTRY OPTION D: CHEMISTRY EDUCATION

\*minimum grade required †offered every other year

### TOTAL 125 HRS

#### Freshman (Fall Semester) 16 hrs total

CHE 101	General Chemistry I	3 credit hrs	Chem Core C*
CHE 103	Gen. Chem. Lab I	2 credit hrs	Chem Core C*
BIO 100	General Biology I	4 credit hrs	Major C*
ENG 101	English Composition	3 credit hrs	Gen. Ed.
MAT 104	College Algebra	3 credit hrs	Spec. Dgr C*
FYS 100	First Year Seminar	1 credit hr	Gen Ed

#### Freshman (Spring Semester) 16 hrs total

CHE 102	General Chemistry II	3 credit hrs	Chem Core C*
CHE 102	General Chemistry II	3 credit hrs	Chem Core C*
BIO 101	General Biology II	4 credit hrs	Major C*
ENG 102	English Composition II	3 credit hrs	Gen. Ed.
MAT 105	Trigonometry	3 credit hrs	Spec. Dgr C*

#### Sophomore (Fall Semester) 16 hrs total

CHE 321	Organic Chemistry I	3 credit hrs	Chem Core C*
CHE 319	Organic Chemistry I Lab	2 credit hrs	Chem Core C*
CHE 311	Quantitative Analysis	5 credit hrs	Chem Core C*
	Math Elective	3 credit hrs	Spec. Dgr C*
	History Elective	3 credit hrs	Gen Ed

#### Sophomore (Spring Semester) 17 hrs total

CHE 322	Organic Chemistry II	3 credit hrs	Chem Core C*
CHE 220	Organic Chemistry II Lab	2 credit hrs	Chem Core C*
CIS 205	Microcomputer App	3 credit hrs	Major
	Humanities/Fine Art Elect.	3 credit hrs	Gen. Ed.
PSY 101	General Psychology	3 credit hrs	Gen. Ed.
	Fine Art Elective	3 credit hrs	Gen. Ed.

#### Junior (Fall Semester) 14 hrs total

	Chemistry Elective	1 credit hr	Major C*
PHY 231	General Physics I	3 credit hrs	Spec. Dgr C*
PHY 235	General Physics I Lab	1 credit hr	Spec. Dgr C*
EPY 341	Educational Psychology	3 credit hrs	Major
CUR 300	Survey of Ed/ Fld EX	3 credit hrs	Major C*
	Literature Elective	3 credit hrs	Gen Ed
	TAKE case assessment		Major

#### Junior (Spring Semester) 18 hrs total

	Biochemistry Elective	3 credit hrs	Major C*
	Biochemistry Lab Elective	1 credit hr	Major C*
CHE 351	Phy. Chem. for Life Sci.	4 credit hrs	Major C*
PHY 232	General Physics II	3 credit hrs	Spec. Dgr C*
PHY 236	General Physics II Lab	1 credit hr	Spec. Dgr C*
CSP 340	Surv of Exceptional Chi.	3 credit hrs	Major C*
SOC 101	Intro to Sociology	3 credit hrs	Gen Ed

#### Senior (Fall Semester) 16 hrs total

CUR 493	Teaching the Sciences	3 credit hrs	Major C*
CUR 393	Classroom Mgt	3 credit hrs	Major C*
HSE 144	First Aid/CPR	1 credit hr	Major C*
	Persp. on Society Elect.	3 credit hrs	Gen Ed
	Communication Elective	3 credit hrs	Gen Ed
PHY 205	Astronomy	3 credit hrs	Major C*

#### Senior (Spring Semester) 12 hrs total

CUR 498	Directed Internship	9 credit hrs	Major
CHE 435	Methods and Materials	3 credit hrs	Elective C*