

# CHEMISTRY MAJOR

## Chemistry B.S.

### LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 151	General Chemistry Tutorial *	1
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 241	University Physics I	4
PHY 242	University Physics II	4
MTH 144	Calculus with Applications (4)	4 or 5
MTH 131	AND Computer-Aided Calculus (1)	
MTH 164	OR Calculus I (4)	
MTH 174	Calculus II	4
	<b>TOTAL</b>	<b>31-33</b>

### UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 326	Physical Chemistry II	2
CHE 327	Physical Chemistry II Lab	1
CHE 351	Organic Qualitative Analysis	2
CHE 370	Instrumental Analysis	2
CHE 450	Advanced Biochemistry	4
CHE 453	Advanced Organic Chemistry	2
CHE 454	Advanced Organic Chemistry Lab	1
CHE 466	Advanced Inorganic Chemistry	2
CHE 467	Advanced Inorganic Chemistry Lab	1
CHE 475	Special Topics in Chemistry	2
CHE 495	Chemistry Seminar	1
	Science and/or Math Electives approved by department chair. (200 level or higher)	6
	<b>TOTAL</b>	<b>33</b>

### RECOMMENDED

COURSE	TITLE	UNITS
CHE 499	Chemistry Research	1-2
MTH 274	Calculus III	4
MTH 232	Linear Algebra	2