

# Sample Schedule: BS

## FRESHMAN YEAR (29 CR)

### Semester 1

CHEM 211, 213 General Chemistry I	4
MATH 113 Anal. Geom. & Calc. I	4
BIOL 213 Cell Structure & Function	4
ENGH 101	3
	<b>15</b>

### Semester 2

CHEM 212, 214 General Chemistry II	4
MATH 114 Anal. Geom. & Calc. II	4
HIST requirement	3
Literature requirement	3
	<b>14</b>

## SOPHOMORE YEAR (31 CR)

### Semester 3

CHEM 313 Organic Chemistry I	3
CHEM 315 Organic Chemistry Lab I	2
PHYS 160 University Physics I	3
PHYS 161 University Physics Lab I	1
MATH 213 Anal. Geom. & Calc. III	3
COMM requirement	3
	<b>15</b>

### Semester 4

CHEM 314 Organic Chemistry II	3
CHEM 318 Organic Chemistry Lab II	2
CHEM 321 Elementary Quant. Anal.	4
PHYS 260 University Physics II	3
PHYS 261 University Physics Lab I	1
IT requirement	3
	<b>16</b>

## JUNIOR YEAR (31 CR)

### Semester 5

CHEM 331 Physical Chemistry I	3
CHEM 336 Physical Chemistry Lab I	2
CHEM 463 Gen. Biochem. I	4
ENGH 302	3
Social and Behavioral Sciences req.	3
	<b>15</b>

### Semester 6

CHEM 332 Physical Chemistry II	3
CHEM 337 Physical Chemistry Lab II	2
In-Depth CHEM Elective I	3
CHEM Laboratory Elective	2
Fine Arts requirement	3
Elective	3
	<b>16</b>

## SENIOR YEAR (29 CR)

### Semester 7

CHEM 441 Prop./Bond. Inorg. Comp.	3
In-Depth CHEM Elective II	3
Global Understanding requirement	3
Electives	6
	<b>15</b>

### Semester 8

CHEM 445 or 465	2
CHEM Elective	3
Synthesis requirement	3
Electives	6
	<b>14</b>