

**Bachelor of Science in Chemistry
(B.S.Ch.) Chemistry
Fall 2017 Undergraduate Catalog**

Freshman Year

ENGL 1010	3	ENGL 1020	3
CHEM 1110/1111	4	CHEM 1120/1121	4
GE MATH 1910	4	MATH- 1920	4
GE Humanities/Fine Arts	3	GE Social/Behavioral Science	3
Elective (ACAD 1100)	3		
<i>Semester Totals</i>	<i>17 hrs.</i>		<i>14 hrs.</i>

Sophomore Year

COMM 2381	3	GE Social/Behavioral Science	3
CHEM 3310/3301	4	CHEM 3501/3511	4
Elective	3	PHYS 2120/2121*	4
PHYS 2110/2111*	4	ENGL 2201 or 2202	3
		Elective	3
<i>Semester Totals</i>	<i>14 hrs.</i>		<i>17 hrs.</i>

Junior Year

CHEM 3201/3211	5	CHEM 3111	3
MATH**	3	CHEM 3411	3
GE History	3	Ethics***	3
GE Humanities/Fine Arts	3	GE History	3
		Elective	3
<i>Semester Totals</i>	<i>14 hrs.</i>		<i>15 hrs.</i>

Senior Year

UD CHEM	3	CHEM 4903	1
UD CHEM lab	1	UD CHEM lab	1
Elective	3	UD CHEM	3
CHEM 4901	1	CHEM 4999	1
CHEM 4902	1	UD Elective	3
Elective	3	UD Elective	3
UD CHEM	3	Elective	2
<i>Semester Totals</i>	<i>15 hrs.</i>		<i>14 hrs.</i>

*With permission of the Chair of the Chemistry Department, PHYS 2010/2011 and 2020/2021 may be substituted for this sequence.

**One of MATH 2110, 2120, 4611, 4635, or COMP 1900.

*** One of PHIL 3512, 3514, or 3515.

GE = General Education Requirements BS = Bachelor of Science college requirements UD = Upper division
Foreign Language Requirement – See the Undergraduate Catalog: <http://catalog.memphis.edu>

Degree hours = 120

42 Upper Division hours required for graduation

No more than 2 hours of physical education courses may be counted toward a degree.

Residence – 30 of the last 60 hours must be taken at University of Memphis; at least 60 hours must be at a four-year institution; transfer students must earn at least 6 hours of a major at UM and at least 3 hours of a minor at UM