

Bachelor of Science
Chemistry – Biochemistry Concentration
Fall 2017 Undergraduate Catalog

Freshman Year

ENGL 1010	3	ENGL 1020	3
CHEM 1110/1111	4	CHEM 1120/1121	4
Elective (ACAD 1100)	3	BIOL 1110/1111	4
MATH 1830 or 1910	3-4	GE Social/Behavioral Science	3
GE Humanities/Fine Arts	3		
<i>Semester Totals</i>	<i>16-17 hrs.</i>		<i>14 hrs.</i>

Sophomore Year

CHEM 3310/3301	4	CHEM 3501/3511	4
GE Humanities/Fine Arts	3	COMM 2381	3
PHYS 2010/2011*	4	PHYS 2020/2021*	4
BIOL 1120/1121	4	GE Social/Behavioral Science	3
		ENGL 2201 or 2202	3
<i>Semester Totals</i>	<i>15 hrs.</i>		<i>17 hrs.</i>

Junior Year

CHEM 3201/3211	5	CHEM 3411	3
MATH 4611	3	CHEM 3111	3
GE History	3	Ethics**	3
Elective	3	GE History	3
		Elective	3
<i>Semester Totals</i>	<i>14 hrs.</i>		<i>15 hrs.</i>

Senior Year

CHEM 4511	3	CHEM 4999	1
CHEM 4501	2	UD CHEM	3
Elective	3	BIOL UD***	3
Elective	3	UD Elective	3
Elective	3	UD Elective	3
		Elective	2
<i>Semester Totals</i>	<i>14 hrs.</i>		<i>15 hrs.</i>

*PHYS 2110/2111 and 2120/2121 may be substituted for this sequence.

**PHIL 3512, 3514, or 3515

***One of BIOL 3130, BIOL 3500, or CHEM 4512 is required.

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