



MEDICINAL AND PHARMACEUTICAL CHEMISTRY

The **Bachelor of Arts program in medicinal and pharmaceutical chemistry at The University of Southern Mississippi** offers students a strong foundation in the chemical sciences with a specialized focus on drug development and pharmaceutical applications. This program prepares students for careers in the pharmaceutical and biotechnology industries or for continued studies in pharmacy and medicine. With hands-on lab experience and opportunities for undergraduate research, students are equipped with the skills needed to contribute to cutting-edge advancements in health and medicine.

FRESHMAN YEAR

FALL	Hrs.	SPRING	Hrs.
CHE 106/L	4	CHE 107/L	4
BSC 110/L	4	ENG 101	3
MAT 114	3	CHE 251/L	4
UNV 100	1	<i>GEC 05: Social Science</i>	3
<i>GEC 04: Aesthetic Values</i>	3	Elective	3
Total	15	Total	17

SOPHOMORE YEAR

FALL	Hrs.	SPRING	Hrs.
CHE 255/L	4	BSC 250/L	4
BSC 111/L	4	PHY 111/L	4
ENG 102	3	ENG 203	3
<i>GEC 05: Social Science</i>	3	ECO 201 OR ECO 202	3
Elective	3	<i>GEC 08: Speech</i>	3
Total	17	Total	17

JUNIOR YEAR

FALL	Hrs.	SPRING	Hrs.
CHE 330	3	CHE 420	4
GEC 07-WI	3	MLS 203	3
CHE 311/L	5	Foreign Language	3
HIS 101 OR HIS 102	3	Statistics	3
Foreign Language	3	CHE Elective	3
Total	17	Total	16

SENIOR YEAR

FALL	Hrs.	SPRING	Hrs.
CHE 400-CAPSTONE	3	BSC 282/L	4
CHE 451 OR CHE 470	3	CHE 460/L	4
CHE 362	3	CHE Elective	3
CHE ELECTIVE	3	CHE Elective	3
<i>GEC 03: HUMANITIES</i>	3	CHE Elective	3
Total	15	Total	17

Courses in ***bold italics*** satisfy General Education Curriculum (GEC) requirements and may transfer from community college. Other courses may also transfer; contact us for details.



SCHOOL OF MATHEMATICS AND NATURAL SCIENCES

usm.edu/mathematics-natural-sciences

601.266.4934

118 College Drive #5043
Hattiesburg, MS 39406

For questions about transfer credits and advisement, contact the academic advisor
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Scan here for
more information.