



Department of Chemistry and Biochemistry

B.S. Chemistry Degree Requirements

DEGREE: CHEMISTRY - Secondary Education

Chemistry Core Requirements	Completed	Credit	College Core Requirements	Completed	Credit
Chemistry Core (27 semester hours)			English Composition (6 semester hours)		
CHE 141 General Chemistry I	_____	4	ENG 101 and ENG 102 or ENG 103	_____	3
CHE 142 General Chemistry II	_____	4		_____	3
CHE 303 Organic Chemistry I	_____	3	Literature (3 semester hours - choose one)		
CHE 313 Organic Chemistry I Lab	_____	2	ENG 211/212/213	_____	3
CHE 304 Organic Chemistry II	_____	3			
CHE 314 Organic Chemistry II Lab	_____	2	History (6 semester hours - choose one pair)		
CHE 310 Quantitative Chemical Analysis	_____	4	HIS 103 and 104	_____	3
CHE 317 Chemical Dynamics	_____	4	HIS 211 and 212	_____	3
CHE 431 Chemistry Seminar	_____	1	Bible (6 semester hours)		
Physics (8 semester hours) #			BIB 110	_____	3
PHY 251 Fund. of Physics I	_____	4	BIB 120	_____	3
PHY 252 Fund. of Physics II	_____	4	Social Sciences (6 semester hrs.)		
Mathematics (9 semester hours)			PSY 201* (Required)	_____	3
MAT 121 Cal. w/Analytic Geometry I	_____	3	(choose one)		
MAT 122 Cal. w/Analytic Geometry II	_____	3	ECO 131 (or 231)/*SOC 205/	_____	3
MAT 207 or MAT 353	_____	3	PLS 201/PHI/MLG 205	_____	
Technology (3 semester hours - choose one)			Fine Arts (3 semester hours - choose one)		
CSC 114 Introduction to Computer Science	_____	3	ART 125/MUS 125/THE 125	_____	3
CSC 115 Foundations of CS (preferred)	_____		Physical Education Activity (3 semester hours)		
Communications (3 semester hours - choose one)			PED	_____	1
COM 203 Professional Com. Skills	_____	3	PED	_____	1
COM 304 Public Spkg or part. in a minimum of 3 hrs. of research w/an oral present. at a prof. mtg.	_____		PED	_____	1
DEGREE: CHEMISTRY/SECONDARY EDUCATION			Writing Proficiency Exam		
A minimum of 4 semester hours - chosen from:			ENG 099	_____	0
CHE 418 Biochem. I: Macromolecules	_____	3	Chapel (4 semesters)		
CHE 419 Biochem. II: Metabolism	_____	3	Chapel I	_____	0
CHE 420 Bioanalytical Chemistry Lab	_____	1	Chapel II	_____	0
CHE 421 Biophysical Chemistry Lab	_____	1	Chapel III	_____	0
			Chapel IV	_____	0
Course Must be Completed					
CHE 435 Meth. In Teaching Sec. Sc. Science	_____	3	Science - Contained in major		
Biology (11 semester hours)			Mathematics - Contained in major		
BIO 111 Biology I	_____	4	Modern Languages - Not required		
BIO 112 Biology II	_____	4	Technology - Contained in major		
BIO 145 Earth Science	_____	3	Electives:	_____	_____
Professional Education Courses: (28 sem. Hrs)			_____	_____	_____
EDU 299 (Pre-Teaching)	_____	1	_____	_____	_____
EDU 300** (Intro. To Education)	_____	3	_____	_____	_____
EDU/PSY 304 (Ed. Psy.)	_____	3	To Graduate:		
EDU 403+(Meas. & Evaluation)	_____	3	130 Hours	_____	_____
PSY 435 (Psy. Exp. Children)	_____	3	39 Hours of 300-400 level courses	_____	_____
EDU 460*+ (Class. Org./Mgt.)	_____	3	30 Hours of Chemistry	_____	_____
EDU 431-434+ (7 - 12 Directed Teaching)	_____	12	For More Information:		

Notes:

* Taken during the same semester.

** EDU 300 (Intro to Education must be taken during the sophomore year.

Transfer students, who have had an equivalent course, must see the Certification Secretary of the School of Education during their first semester at Mississippi College. This is a course in which students make application for the Teacher Education Program at Mississippi College. Item #1 under Entrance and Maintenance requirements for Student Teaching on back of this page.

UPDATED: 10/2022

+Prerequisite: Admitted to the Teacher Education Program

Web: <http://www.mc.edu/academics/departments/chemistry/>

To Graduate:

130 Hours

39 Hours of 300-400 level courses

30 Hours of Chemistry

For More Information:

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**Transition Point 2: ENTRANCE and MAINTENANCE REQUIREMENTS for the MISSISSIPPI
COLLEGE TEACHER EDUCATION PROGRAM (TEP)**

Teacher candidates will apply for admission to the Teacher Education Program (TEP) as part of the course requirements for EDU 300, INTRODUCTION TO EDUCATION. Transfer students who have had the course equivalent of EDU 300 at another 4-year institution must make application to TEP in the Office of Field Experiences (Lowrey 207) during their first semester at Mississippi College. No upper level (300-400) courses including EDU 300 are accepted in transfer from 2-year colleges as part of the TEP requirements. All students must be admitted to the TEP before taking any courses for which TEP admission is required. All teacher candidates applying for entrance into the TEP must:

1. have successfully completed 44 semester hours of university courses
2. have an overall (cumulative) GPA of at least 2.75
3. have a minimum GPA of 2.75 in the area(s) of expected licensure
4. have passed all parts of the PRAXIS I Core CASE: (5713) Reading 156; (5723) Writing 162; (5733) Mathematics 130*
Entrance test is waived if student has an ACT score of 21 or higher or SAT 1060 or higher math/verbal.
5. have passed the writing proficiency test/or ENG 299.

**Transition Point 3: ENTRANCE and MAINTENANCE REQUIREMENTS for the PROFESSIONAL
SEMESTER of STUDENT TEACHING at MISSISSIPPI COLLEGE**

STUDENT TEACHING ASSIGNMENTS ARE RESTRICTED TO COPIAH, HINDS, MADISON, RANKIN AND WARREN COUNTIES.

Appeals to student teach outside of these counties must be made to the Chair of the Teacher Education Department.

Student Teaching is to be completed during a candidate's senior year after the following requirements have been met:

1. Admission to the Teacher Education Program for at least one full semester prior to the semester of student teaching.
2. Removal of any grades of (I) incomplete.
3. Completion of all coursework with all grades on file in the Registrar's Office before Professional Semester begins.
4. A 2.75 GPA in the area(s) of expected licensure as well as a cumulative GPA of 2.75.
5. **Elementary Education (K-6) candidates** – Completion of all Professional Education and subject matter courses (with a minimum grade of C) except EDU 421, 422, 423, 424 (Student Teaching) **OR**
Secondary Education (7-12) candidates – Completion of all Professional Education and subject matter courses (with a minimum grade of C) except EDU 431, 432, 433, 434 (Student Teaching) **OR**
Specialized Subject-Area Education (K-12) candidates – Completion of all Professional Education and subject matter courses (with a minimum grade of C) except EDU 471, 472, 473, 474 (Student Teaching).

Each teacher candidate is responsible to return a completed application for student teaching to the Office of Field Experiences by the assigned date.

Transition Point 4: EDUCATOR LICENSURE REQUIREMENTS

All TEP completers who have passed the required MDE licensure test(s) at or above the minimum scores established by MDE will be recommended by the Dean of the School of Education to receive the Class A Educator License in the appropriate area(s). Test requirements are as follows:

1. **Elementary Education (K-6) candidates** – Must have passing scores for: 1) Foundations of Reading Test, 2) Praxis II Principles of Learning and Teaching: K-6 (PLT 5622), and 3) Praxis II Elementary Education Content Exam (CIA 5017).
2. **Secondary Education (7-12) candidates & Specialized Subject-Area Education (K-12) candidates** – Must have passing scores for: 1) Praxis II Principles of Learning and Teaching: 7 – 12 (PLT 5624), and 2) Praxis II Content Exam according to the primary area of licensure.

I have read carefully the above material. I understand that it is my responsibility to see that each of these requirements is met. I also understand that I am responsible for the information found in the college catalog and the Teacher Education Handbook with specific attention given to background checks, permission to use, and reporting in the field. Courses and programs of study are subject to change, if the TEL department, university, and/or accrediting body mandate a change.

Student's Signature: _____ Date: _____

Printed Name: _____

Mississippi College
Department of Teacher Education and Leadership
Student Teaching Scholarship

Freshmen who enter MC as an Education major and complete at least 7 semesters at MC (as an education major) are eligible to receive \$2500 during the student teaching semester.

Transfers who enter MC as an Education Major and complete at least 3 semesters at MC (as an education major) are eligible to receive \$1500 during the student teaching semester.

Students (teacher candidates) must meet all requirements for admission and maintenance into the Teacher Education Program, meet admission requirements for the Professional Semester, and successfully pass an external background check during their senior year in order to apply for the student teaching scholarship.

Students must declare an education major by the end of their first semester of attendance at Mississippi College. This scholarship would be in addition to any other scholarship given to students upon admission to MC.