

Fall 2024 through current	B.A.Ed in Science Education - Biology	MINIMUM TOTAL CREDIT HOURS: 122
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UNIVERSITY CORE CURRICULUM REQUIREMENTS (42-45 HOURS)	MAJOR REQUIREMENTS FOR CONTENT AREA (32 HOURS)	PROFESSIONAL EDUCATION REQUIREMENTS (29 HOURS)
First Year Writing (6 hours)	[^] BISC 160/161 Biological Sciences I/ Biological Science I Laboratory (<i>fall/summer only</i>) BISC 162/163 Biological Sciences II/ Biological Sciences II Laboratory (<i>spring/summer only</i>) BISC 322 General Ecology BISC 330 Introductory Physiology BISC 331 Comparative Anatomy of the Vertebrates BISC 333 General Microbiology BISC 336 Genetics BISC 440 Cell and Molecular Biology BISC 498 Major Field Achievement Test	EDSP 308 Intro to Special Education
WRIT 101, WRIT 100, or HON 101		EDCI 352 Education, Society & the K-12 Learner ♦
WRIT 102, LIBA 102, or HON 102		EDSP 327 Classroom Mgt & Behavior Interventions
Social/Behavioral Science (9 hours)		**EDCI 353 Planning & Teaching Strategies for Effective Classroom Practice ♦
PSY 201		**EDSE 400 Principles of Education ♦
HST (100 level suggested)		**EDSE 446 Special Methods I: Science
HST (100 level suggested)		***EDLE 480 Student Teaching: Secondary Education ♦
Math/Science (15 - 18 hours)		***EDCI 419 Classroom Assessment
MATH 121 - College Algebra or higher (<i>not to include Math 245 or 246</i>)		
Physical Science w/lab (ASTR103, ASTR 104, CHEM 103/113, CHEM 105/115, GEOL 101/111, GEOL 102/112, GEOL 104/114, GEOL 105/115, PHYS 107, PHYS 108, PHYS 211/212, PHYS 213/223) *CHEM 105/115 suggested*		
Biological Science w/ lab *BISC 160/161 suggested*		
Science Elective (lab not required) (ASTR 101, ASTR103, ASTR 104, BISC 162, CHEM 103, CHEM 105, GEOL 101, GEOL 102, GEOL 104, GEOL 105, GEOL 107, GEOL 120, PHYS 107, PHYS 108, PHYS 211, PHYS 213)		
Math or Science Elective (<i>not to include Math 245 or 246</i>)		
Humanities/Fine Arts (12 hours)		ELECTIVES (6 HOURS)
ENG (220- 226)		
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Fine Arts (AH 101, 102, 201, 202; DANC 200; MUS 102, 103, 104; THEA 201)		
Humanities Elective (Suggested: AAS, CLC, ENG, GST, HON, HST, LING, PHIL, REL, SST, ARAB, CHIN, FR, GERM, GR, KOR, ITAL, JAPN, LAT, PORT, RUSS, SPAN, SWA)		
RELATED AREA (18 HOURS)	EXPERIENTIAL LEARNING	
ASTR /GEOL	(Ex: Study Abroad, Internship)	
#CHEM 105/115 General Chemistry I/ General Chemistry I Laboratory	♦ Denotes all courses that contain experiential learning experiences.	
CHEM 106/116 General Chemistry II/ General Chemistry II Laboratory		
MATH 123 Trigonometry OR MATH 125 Basic Mathematics for Science & Eng OR MATH 261 Unified Calculus & Analytic Geometry I		
PHYS 213/223 General Physics with Lab		

SAMPLE DEGREE MAP
BACHELOR OF ARTS IN SCIENCE EDUCATION - BIOLOGY (EFFECTIVE 2019 - 122 CREDIT HOURS)

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	WRIT 101, WRIT 100, or HON 101	3	WRIT 102, LIBA 102, or HON 102	3
	MATH 121	3	HST 100 level	3
	HST 100 level	3	CHEM 106/116	4
	#BISC 160/161	4	BISC 162/163	4
	^CHEM 105/115	4	MATH 123, 125, or 261	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	17
SOPHOMORE	PHYS 213/223	4	ENG 220-226	3
	BISC 322	3	HUMANITIES	3
	ENG 220-226	3	BISC 333	4
	Fine Art	3	ASTR or GEOL	3
	PSY 201	3	MATH or Science Elective (if needed)	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	16
JUNIOR	EDSP 308	3	EDSP 327	3
	EDCI 352 Education, Society & the K-12 Learner	2	**EDCI 353	3
	BISC 330	4	BISC 331	4
	BISC 336	4	BISC 440	4
	Elective (if needed)	3	ELECTIVE (if needed)	3
	TOTAL CREDIT HOURS	18	TOTAL CREDIT HOURS	17
SENIOR	**EDSE 400	3	***EDCI 419	3
	EDSE 447	3	*EDLE 480	9
	BISC 498	0		
	ELECTIVE	3		
	ELECTIVE	3		
	TOTAL CREDIT HOURS	12	TOTAL CREDIT HOURS	12

INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

^PREREQUISITE FOR CHEM 105: Minimum ACT mathematics score of 24 (SAT 560 or SATR 580) or ALEKS PPL 76, or B minimum in Chem 101, or B minimum in Math 121 and 123, or B minimum in Math 125 or higher.

#PREREQUISITE FOR BISC 160: Minimum ACT mathematics score of 24 (SAT 560 or SATR 580) or ALEKS PPL 76, or B minimum in Chem 101, or B minimum in Math 121 and 123, or B minimum in Math 125 or Math 261.

NOTE: **Denotes admission to Phase II required; ***Denotes admission to Phase III required; ♦Denotes all courses that contain experiential learning experiences.

DEGREE REQUIREMENTS:

1. At least **122** semester hours
2. At least **30** semester hours or residence credit in the school
3. Not more than **61** semester hours of credit from a community transfer college
4. No more than **6** of the last **21** hours may be transfer credit.

Teacher Education Program Admission to Phase II:

1. Completion of core curriculum and EDCI 352 (minimum grade C)
2. Minimum GPA of 2.75 on Core
3. Appropriate Praxis Core, SAT, or ACT scores OR overall 3.0 GPA on 60+ hours
4. Must complete education courses with a "C" or better.

Refer to the Undergraduate Academic Regulations section in this catalog for all university degree requirements.



THE UNIVERSITY of
MISSISSIPPI

SAMPLE DEGREE MAP
BACHELOR OF ARTS IN SCIENCE EDUCATION - PHYSICS (EFFECTIVE 2019 - 122 CREDIT HOURS)