



Fall 2024 through current	B.A.Ed in Science Education - Physics	MINIMUM TOTAL CREDIT HOURS: 122
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UNIVERSITY CORE CURRICULUM REQUIREMENTS (42-45 HOURS)	MAJOR REQUIREMENTS FOR CONTENT AREA (33 HOURS)	PROFESSIONAL EDUCATION REQUIREMENTS (29 HOURS)
First Year Writing (6 hours)	PHYS 211/221 Physics for Science & Engineering I/ Lab Physics for Science & Engineering I	EDSP 308 Intro to Special Ed
WRIT 101, WRIT 100, or HON 101	PHYS 212/222 Physics for Science & Engineering II/ Lab Physics for Science & Engineering II	EDCI 352 Education, Society & the K-12 Learner ♦
WRIT 102, LIBA 102, or HON 102	PHYS 303 Physical Theory and Techniques	EDSP 327 Classroom Mgt & Behavior Interventions
Social/Behavioral Science (9 hours)	PHYS 317 Introduction to Modern Physics I (<i>fall only</i>)	**EDCI 353 Planning & Teaching Strategies for Effective Classroom Practice ♦
PSY 201	PHYS 318 Introduction to Modern Physics II (<i>spring only</i>)	**EDSE 400 Principles of Education ♦
HST (100 level suggested)	PHYS 319 Optics (<i>spring only</i>)	**EDSE 446 Special Methods I: Science
HST (100 level suggested)	PHYS 321 Electronics (<i>fall only</i>)	***EDLE 480 Student Teaching: Secondary Education ♦
Math/Science (15 - 18 hours)	PHYS 413 Introduction to Biophysics (<i>spring only</i>)	***EDCI 419 Classroom Assessment
MATH 121 - College Algebra or higher (<i>not to include Math 245 or 246</i>)	PHYS 417 Modern Physics Laboratory (<i>spring only</i>)	Related Area (15-30 HOURS)
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) *PHYS 211/212 suggested*	PHYS 462 Senior Research Project	ASTR /GEOL
Biological Science w/ lab (BISC 160/161 suggested)		ASTR/GEOL
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)		BISC 160/161 Biological Sciences I/ Biological Sciences I Laboratory (<i>fall and summer only</i>)
Math or Science Elective (<i>not to include Math 245 or 246</i>)		CHEM 105/115 General Chemistry I/ General Chemistry Laboratory I
Humanities/Fine Arts (12 hours)		CHEM 106/116 General Chemistry II/ General Chemistry II Laboratory
ENG 220 -226		MATH 123 Trigonometry
ENG 220- 226		MATH 261 Unified Calculus & Analytics Geometry I
Fine Arts (AH 101, 102, 201, 202; DANC 200; MUS 102, 103, 104; THEA 201)		MATH 262 Unified Calculus & Analytics Geometry II
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)		MATH 263 Unified Calculus & Analytics Geometry III
ELECTIVES (6 HOURS)	EXPERIENTIAL LEARNING	
	(Ex: Study Abroad, Internship)	
	♦ Denotes all courses that contain experiential learning experiences.	

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 261	3	MATH 262	3
	^CHEM 105/115	4	CHEM 106/116	4
	#BISC 160/161	4	HST 100 level	3
	HST 100 level	3	PHYS 211/221	4
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	17
SOPHOMORE	ASTR/GEOL	3	ENG 220-226	3
	MATH 263	3	ASTR/GEOL	3
	ENG 220-226	3	PSY 201	3
	Fine Art	3	EDSP 308	3
	PHYS 212/222	4	Humanities	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15
JUNIOR	PHYS 317	3	EDSP 327	3
	EDCI 352	2	**EDCI 353	3
	PHYS 319	4	PHYS 413	3
	PHYS 303	3	PHYS 417	4
	Elective	3	PHYS 318	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16
SENIOR	**EDSE 400	3	***EDCI 419	3
	EDSE 447	3	*EDLE 480	9
	PHYS 463	1		
	PHYS 321	4		
	ELECTIVE	3		
	TOTAL CREDIT HOURS	14	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.

