



B.S. Middle Level Education: Science

2024-2025 Catalog

Student ID _____

Student Name _____

Required Courses

Requirement/Policy Checklist

	Course	Title	Grade	Hrs.
General Education	ACAD 101	Principles of the Learning Academy		1
	WRIT 101	Composition		3
	HMXP 102	The Human Experience: Who Am I?		3
	CRTW 201	Critical Reading, Thinking & Writing		3
	Constitution Requirement			0-3
	Historical Perspectives			3
	Physical Activity			1
	Global Perspective			3
	Social Science #2			3
	Humanities & Arts #1			3
	Humanities & Arts #2			3
	Quantitative Skills			3
	Natural Science	Met in Major		0
	Natural Science	Met in Major		0
Major: Foundaion	EDCO 101^	Developing Observation and Analysis Skills		1
	EDCO 200^ (Social Science #1)	Developmental Sciences and the Context of Poverty		3
	EDCO 201^	Supporting the English as Second Lang Learner in th		2
	EDCO 202^	Supporting Exceptional & Gifted Learners in Gen Ed		2
	EDCO 220**	Assessment to Meet Diverse Needs		2
	EDCO 305** (Technology Require)	Technology in the Inclusive Classroom		2
	EDCO 350**	Acad & Social Strat for Establishing Inclusive Classrm		3
	EDCO 401 (Oral Communication)	Internship: Understanding Contextual Factors		1
	EDCO 402	Internship: Assessment and Instruction		9
	EDCO 410**	Education in a Democracy		2
	MLED 101	Symposium in Middle Level Education		1
	MLED 500**	Introduction to the Middle School		3
	MLED 510**	Developmental Aspects of Middle Level Learner		3
	MLED 530**	Strategies and Assessment for Middle Level		3
	MLED 531	Field Exp in Middle Level Education		1
	MLED 591 (Intensive Writing)	Reflective Teaching in Middle Level Education		1
	MLED 593	Capstone in Middle Level Education		1
	READ 331**	Foundations of Literacy for Middle Level & Secondar		3
	READ 346**	Content Area Read & Write for Mid Level		3
Content Area	Life Sciences	Select 2 courses; both must have a lab		8
		BIOL 150/151 and 213		
		BIOL 220/222 and 221/223		
	Earth Sciences	Select 2 courses; one must have a lab		7 to8
		GEOL 110/113 or GEOL 210/211		
		GEOL 220 or 360		
	Physical Sciences	1 CHEM and 1 PHYS; one must have a lab		7 to 8
		CHEM 101		
		PHYS 101/102 or 201		
	Additional Science	BIOL 214, CHEM 201, GEOL 201, PHYS 105, 202, or 250		4
	SCIE 391	Principles of Teaching Science		3
Content/Electives	Courses towards second content area recommended		2 to 14	

- _____ 2.75 GPA Requirement
- _____ SEE Events (6)
- _____ Cultural Events (up to 18)
- _____ 40 hrs > 299
- _____ S/U Options (max 5)
- _____ Praxis Core Completion
- _____ Praxis Subject Completion
- _____ Scholarship Eligibility
- _____ Review Degree Works

Suggested Semester Plan

	Semester 1		Semester 2
	ACAD 101 1	HMXP 102 3	
	EDCO 101 1	EDCO 200 3	
	MLED 101 1	SCIE Concent 3	
	SCIE Concent 3	SCIE Concent 4	
	WRIT 101 3	Gen. Ed. 3	
	Quantitative 4	16	
	Gen. Ed. 3		
	16		
	Semester 3		Semester 4
	EDCO 201 2	EDCO 220 2	
	EDCO 202 2	SCIE Concent 4	
	MLED 500 3	Gen. Ed. 3	
	SCIE Concent 4	Gen. Ed. 3	
	Physical Acti 1	Elective 3	
	Gen. Ed. 3	Elective 1	
	15	16	
	Semester 5		Semester 6
	SCIE Concent 4	EDCO 350 3	
	READ 346 3	MLED 520 3	
	Gen Ed/Elect 3	MLED 531 1	
	Gen Ed/Elect 3	MLED 510 3	
	Gen Ed/Elect 3	SCIE Concent 3	
	16	Gen Ed/Elect 3	
		16	
	Semester 7		Semester 8
	EDCO 305 2	MLED 593 1	
	EDCO 401 1	EDCO 402 9	
	MLED 591 1	EDCO 410 2	
	SCIE 391 3		
	READ 331 3		
	Gen Ed/Elect 3	12	
	13		

120 Need 0 Notes

Science Concentration C- or higher required; may not S/U more than two course in concentration
 ^ Required courses to be inducted; require C or better | ** Grade of C or better and cannot be taken S/U
 No course can be listed above more than once

*3-6 elective hours, depending