

B.S. in Middle Childhood (4-9) (Science and Math Concentration)

2024-2025 FOUR YEAR CURRICULUM GUIDE (Odd Year)

DEPARTMENT OF TEACHER EDUCATION (Odd Yr.)

Rev. 7-7-23

Year 1 Fall Semester (Odd Yr.)

Course #	Title	Cr.
EDFN 130	Introduction to Teaching	3
READ 210	Foundations of Literacy	3
ENG 101	Comp I (Core 1)	3
COM 101	Human Communication (Core 2)	3
MATH 201	Applied Calculus I (FA Odd)	3
	TOTAL	15

Year 1 Spring Semester (Even Yr.)

Course #	Title	Cr.
EDFN 202	Teaching and Learning Process	3
EDCI 234	Middle Grades: Philosophy, Organization & Climate	3
ENG 102	Comp II (Core 3)	3
CORE	Institutional Req. (Core 4: Religion)	3
MATH 202	Applied Calculus II (SP Even)	3
	TOTAL	15

Year 2 Fall Semester (Even Yr.)

Course #	Title	Cr.
EDCI 232	Instructional Design & Educational Technology for Teaming	3
EDCI 236	Middle Grades Field II (Either)	1
GEOL 101	Physical Geology	4
BIO 201	Molecular & Cellular Basis of Life (Core 5: Nat Sci)	4
MATH 217	Theory of Arith & Geom. (Core 6: Math) (FA)	3
CORE	Institutional Req. (Core 7: Aest)	3
	TOTAL	18

Year 2 Spring Semester (Odd Yr.)

Course #	Title	Cr.
EDIS 250	Intro to Educational Intervention	3
READ 220	Phonological Awareness/Phonics	3
CORE	Institutional Req (Core 8: CCI)	3
BIO 202	Molecular & Cellular Basis of Life. (Core 9: Nat. Sci.)	4
MATH 218	Geometry for Middle Grades Teachers (SP)	3
PSYC 218	Psychology of Adolescence (Core 10: Soc. Sci.)	3
	TOTAL	19

Year 3 Fall Semester (Odd Yr.)

Course #	Title	Cr.
CORE	Institutional Req. (Core 11: HUM)	3
Core	Institutional Req. (Core 12: Hist Reas.)	3
EDCI 312	Reading & Writing Methods for Middle Grades & Secondary Students	3
MATH Elec	PHYS 201-General Physics (FA) (4) or CS 101-Logic & Computing (FA) (3)	3-4
MATH 223	Discrete Mathematics I (FA)	3
	TOTAL	15-16

Year 3 Spring Semester (Even Yr.)

Course #	Title	Cr.
EDCI 317	Teach 21 st Cent. Adol: Math (SP)	3
EDCI 318	Teach 21 st Cent. Adol: Science (SP)	3
EDCI 336	Middle Grades Field II	3
SCI Elec.	GEOL 102 (Sp even 4 Cr), GEOL 210 (Fa, Sp 3 cr), PHYS 107 (every 3 Cr.) or PHYS 202 (Sp 4 Cr.) (Choose one)	3-4
MATH Elec	MATH 224 (SP) Discrete Mathematics II (SP) or MATH 309-History of MATH (SP Odd)	3
EDCI 392	Content Area Reading	3
	TOTAL	18-19

Year 4 Fall Semester (Even Yr.)

Course #	Title	Cr.
CORE	Institutional Req. (Core 13: Aest)	3
CORE	Institutional Req. (Core 14: Soc Sci)	3
CORE	Institutional Req. (Core 15: HUM)	3
CHEM 103	General Chemistry (FA)	4
MATH 108	Introductory Statistics (FA, SP)	3
	TOTAL	16

Year 4 Spring Semester (Odd Yr.)

Course #	Title	Cr.
EDFN 402	Social & Professional Issues (Either)	2
EDCI 467	Student Internship: Middle Grades (Either)	10
	TOTAL	12

Total Credit Hours 128-130