



B.S. Middle Level Education: Science

2025-2026 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: Foundation | 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 & Seconda | | 3 |
| | READ 346** | Content Area Read & Writ for Mid Level | | 3 |
| Content Area | Life Sciences | Select 2 courses; both must have a lab | | 8 |
| | | BIOL 150/151 and 214 | | |
| | | BIOL 220/222 and 221/223 | | |
| | Earth Sciences | Select 2 courses; one must have a lab | | 7 to 8 |
| | | 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 213, 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 |
| | | | | |
| | | | | |

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|----------------------------|
| 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 Activ 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 induced; 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