

COURSE OF STUDY

Muskingum University

AYA Life Sciences/7-12

Academic Year: 2023-2024

Student Name: _____

Education candidates are required to earn a B- or better in all EDUC courses to move forward in the program.

Pre-Admission Courses

| Course # | Course Name | Credit Hours | Term Planned | Grade | Final Audit |
|----------|---|--------------|--------------|-------|-------------|
| EDUC 110 | Introduction to Education | 1 | | | |
| EDUC 112 | Educational Implications of Diversity (pre-co requisite EDUC 110) | 3 | | | |
| EDUC 101 | Introductory Field Practicum 101 (co-requisite EDUC 112) | 1 | | | |
| EDUC 215 | Educational Psychology | 3 | | | |

Non-fieldwork Courses (Admission to Education Program Required)

| Course # | Course Name | Credit Hours | Term Planned | Grade | Final Audit |
|----------|-------------------------|--------------|--------------|-------|-------------|
| EDUC 335 | Educational Technology | 3 | | | |
| EDUC 341 | Assessment in Education | 3 | | | |

Practicum 201 Courses – General Methods Courses

| Course # | Course Name | Credit Hours | Term Planned | Grade | Final Audit |
|----------|---|--------------|--------------|-------|-------------|
| EDUC 201 | Intermediate Field Practicum – co-requisite for all general methods courses All Practicum courses must be completed successfully each semester to move forward in the program. Practicum courses fulfill the field hours required by the Ohio Department of Higher Education to complete licensure. | 1 | | | |
| | | 1 | | | |
| EDUC 313 | Curriculum and Instruction for the Adolescent (offered only in fall) | 3 | | | |
| EDUC 330 | Serving Individuals with Exceptionalities | 3 | | | |

Practicum 301 Courses – Content Method Courses

| Course # | Course Name | Credit Hours | Term Planned | Grade | Final Audit |
|----------|---|--------------|--------------|-------|-------------|
| EDUC 301 | Advanced Field Practicum – co-requisite for all content methods courses All Practicum courses must be completed successfully each semester to move forward in the program. Practicum courses fulfill the field hours required by the Ohio Department of Higher Education to complete licensure. | 1 | | | |
| | | 1 | | | |
| | | 1 | | | |
| EDUC 394 | Integrated Science Methods for the Adolescent (pre-requisite EDUC 313) (offered only in spring) | 3 | | | |
| EDUC 413 | Reading in the Content Areas (pre-requisite EDUC 313, or EDUC 370, EDUC 371) | 3 | | | |

Professional Semester

| Course # | Course Name | Credit Hours | Term Planned | Grade | Final Audit |
|----------|---|--------------|--------------|-------|-------------|
| EDUC 466 | Professional Practices in Secondary Schools | 2 | | | |
| EDUC 419 | Co-Teaching and Collaboration in Education | 2 | | | |
| EDUC 420 | Pro-Active Approaches to Classroom Management and Support | 2 | | | |
| EDUC 451 | Student Teaching in the Secondary Schools | 9 | | | |
| EDUC 461 | Student Teaching Seminar | 1 | | | |

Total Education Hours 47

All content area courses require a B- or better. Any course not meeting the grade of B- requires discussion with Education Advisor and Education Department Chair to determine further action.

Content Area Licensure Courses

Core Life Science Courses

| Course # | Course Name | Credit Hours | Term Planned | Grade | Final Audit |
|----------------------------|--|--------------|--------------|-------|-------------|
| BIOL 111 | Organismal Biology I and | 3 | | | |
| BIOL 107 | Biology Laboratory I (offered only in Fall) | 1 | | | |
| BIOL 112 | Organismal Biology II and | 3 | | | |
| BIOL 108 | Biology Laboratory II (offered only in Spring) | 1 | | | |
| BIOL 121 | Anatomy and Physiology I OR (offered only in Fall) | 4 | | | |
| BIOL 122 | Anatomy and Physiology II (offered only in Spring) | 4 | | | |
| BIOL 226 | Introduction to Cell and Molecular Biology (pre-requisite BIOL 112/108, or 121 or 122) (offered only in Fall) | 3 | | | |
| BIOL 304 | Evolution (pre-requisite BIOL 111/107, 112/108) | 4 | | | |
| BIOL 306 | Genetics (pre-requisite BIOL 112/108, or 121 or 122) (offered only in Fall) | 4 | | | |
| BIOL 308 | General Ecology (pre-requisite BIOL 111/107) (offered only in Fall) | 4 | | | |
| BIOL 221 | Vascular Plant Systematics (pre-requisite BIOL 111/107) (offered Even Fall) | 4 | | | |
| BIOL 336 | Cellular Physiology (pre-requisite BIOL 112/108, 226, CHEM 111, 112) (offered only in Spring) | 4 | | | |
| BIOL 420 | Senior Seminar (offered only in Spring) | 3 | | | |
| CHEM 111 | General Chemistry I | 4 | | | |
| CHEM 112 | General Chemistry II (offered only in Spring) | 4 | | | |
| GEOL 110 | Environmental Geology | 4 | | | |
| PHEN 115 | Introductory Physics (pre-requisite Math 170 or higher) | 4 | | | |
| PHEN 150 | Introduction to Astronomy (offered only in Spring) | 4 | | | |
| MATH 140 | Practical Statistics (pre-requisite MATH 100 or MATH ACT 18 or SAT 471) | 3 | | | |
| Total Science Hours | | 65 | | | |