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	1			
	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			
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	1			
	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 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**			