

Year 1	Fall Semester		Year 1	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
EDFN 130	Intro. to Teaching	3	EDFN 202	Teaching & Learning Process	3
CHEM 103	Gen. Chem. I (fa only, Core 1)	4	CHEM 104	Gen. Chem. II (sp only, Core 4)	4
MATH 205	Calculus I (fa only, Core 2)	5	MATH 206	Calculus II (sp only)	5
ENG 101	Composition I (Core 3)	3	ENG 102	Composition II (Core 5)	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

Year 2	Fall Semester		Year 2	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
EDIS 250	Intro. to Educ. Intervention	3	EDCI 230SEC	AYA Field Experience I	1
CHEM 307	Organic Chem I (fa only)	3	EDCI 232	Intro. to Prin. of Instr. Tech.	3
CHEM 307L	Organic Chem I Lab (fa only)	1	CHEM 308	Organic Chem II (sp only)	3
PHYS 205	University Physics (fa only)	5	CHEM 308L	Organic Chem II Lab (sp only)	1
CORE/CCI*	Inst. Requirement (Core 6)	3	PHYS 206	University Physics (sp only)	5
			CORE	Inst. Requirement (Core 7)	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
EDCI 318	Teaching Science	3	CHEM 350	CHEM/GEOL/PHYS/PHIL 350 Sci. Cultural Force (Core 9)	3
EDCI 330SEC	AYA Field Experience II	3	PSYCH 218	Psych. of Adol. (Core 10)	3
CHEM 320	Quant. Analysis (fa only) or CHEM 411/411L (fa odd)	4	CORE	Inst. Requirement (Core 11)	3
CHEM 429/429L	Biochemistry w. lab (fa only)	4	CORE	Inst. Requirement (Core 12)	3
CORE	Inst. Requirement (Core 8)	3	CORE	Inst. Requirement (Core 13)	3
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>15</b>

Year 4	Fall Semester		Year 4	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
EDCI 392	Content Area Reading	3	EDFN 402	Social & Prof. Issues in Educ.	2
CHEM 411/411L	Phys. Chem I w. lab (fa odd) or Quant. Analysis (fa only)	4	EDCI 461	Student Internship Gr. 7-12	10
SCIENCE	BIO 201 Molec. & Cellular Basis of Life or GEOL 101 Physical Geology (fa only)	4			
CORE	Inst. Requirement (Core 14)	3			
CORE	Inst. Requirement (Core 15)	3			
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>12</b>

**120 total credit hours required for degree**

*\*The Critical Cultural Inquiry (CCI) requirement can be completed by either one value-added foreign language course, an approved study-away or study abroad experience, or one CCI course. One slot should be allotted for CORE/CCI, but students completing the requirement with study abroad, can substitute an elective if necessary to reach 120 hours. If students are continuing a language study, it is preferable to take the course during the first semester of the first year.*

<sup>1</sup>Special Note: The major in Chemistry Education is being discontinued by Ashland University. This major will not be available for students entering in fall 2021-2022 and beyond. New incoming students which start in Fall 2020 will have this complete academic major program and its courses delivered to them so that the student may complete the degree with this major. Elective courses in the major may be reduced during this period of teaching out the major. Other students who are subject to the standards and requirements of this 2020-2021 Catalog may only change their major to this major which is being discontinued until the last day of the Fall 2020 semester.