

Middle Level Science Teaching (Dual), B.A.

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Students who complete this major must also complete the Middle Level Education Dual Major – Teaching (see Department of Curriculum and Instruction).

This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Course	Title	Hour
Freshman		
Fall		
BIOL 2051	General Biology: Organismal Diversity	4
CHEM 1110	General Chemistry I	4
UNIFI/General Education or University Electives		6
Hours		14
Spring		
BIOL 2052	General Biology: Cell Structure and Function	4
CHEM 1120	General Chemistry II	4
Educator Essentials Course		3
UNIFI/General Education or University Electives		3
Hours		14
Sophomore		
Fall		
PHYSICS 1511	General Physics I	4
EARTHSCI 1200	Elements of Weather	3
EARTHSCI 1210	Elements of Weather Laboratory	1
Educator Essentials Course		3
UNIFI/General Education or University Electives		3
Concentration Course		3
Hours		17
Spring		
PHYSICS 1512	General Physics II	4
EDUC 2385	Teaching Methods I: Secondary Science	3
EDUC 2485	Teaching Internship I: Secondary Science	3
Educator Essentials Course		3
UNIFI/General Education or University Electives		3
Hours		16
Junior		
Fall		
EARTHSCI 1300	Introduction to Geology	4
EDPSYCH 4152/5152	Development of the Middle School Aged Child	3
LITED 4117/5117	Methods of Teaching Content Literacy at the Middle and Secondary Levels	3
Educator Essentials Course		3

Concentration Course		3
Hours		16
Spring		
EDPSYCH 4151/5151	Approaches to Classroom Management for Secondary Students	3
ELEMECML 4152/5152	The Nature of Middle School	3
Concentration Course		3
UNIFI/General Education or University Electives		7
Hours		16
Senior		
Fall		
EDUC 3585/5585	Teaching Methods II: Secondary Science	3
EDUC 3685/5685	Teaching Internship II: Secondary Science	3
UNIFI/General Education or University Electives		6
Educator Essentials Course		3
Hours		15
Spring		
EDUC 4137	Middle School/Junior High Teaching	12
Hours		12
Total Hours		120

This major requires students to complete the requirements for an endorsement in a second Middle School Subject (5-8) that may include: 1821-Middle School Language Arts, 1822-Middle School Mathematics, or 1824-Middle School Social Studies (5-8). Required courses for these endorsements include the following with many of the required courses counting toward UNIFI/General Education requirements*:

1821-Middle School Language Arts (5-8)

ENGLISH 1005	College Writing and Research *	3
COMM 1000	Oral Communication *	3
ENGLISH 2520	Multicultural Literature *	3
ENGLISH 3940/5940	Literature for Young Adults	3

1822-Middle School Mathematics (5-8)

Math course options:		12
Any MATH course, including one course from MATH 1100, MATH 1140, MATH 1420, MATH 3211, MATH 4500/5500		
STAT 1772	Introduction to Statistical Methods *	

1824-Middle School Social Studies (5-8)

HIST 1210	Making the Modern World	3
GEOG 1120	Peoples, Cultures, and Environments *	3
HIST 1110	United States History to the Civil War and Emancipation	3

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or HIST 1120	United States History since the Civil War and Emancipation	
POL AMER 1014	Power & Politics in the U.S. *	3