

Secondary Education Major (with) Integrated Science Major (5-12)  
 With Emphasis in Geology  
 (for Freshman beginning Fall 2023)  
 Updated February 2024

This advising sheet lays out a basic 4-year plan with all of the components necessary to graduate and become certified in Secondary Integrated Science (5-12). Candidates who wish to choose Integrated Science (5-12) will have to add an emphasis in either Biology, Chemistry, Geology, or Physics. A candidate's actual 4-year plan should be worked out with an education advisor.

Anchor Plan (31-32 credits)

The Anchor Plan is required for all Hope College students and represents the general education liberal arts program. The following chart explains these requirements.

Requirement	Rule	Attribute
First Year Seminar	One IDS 1003 credits	FYS
Expository Writing	ENGL 113-3 credits	EW
Health Dynamics	KIN 140 -2 credits	HD

Math and Natural Science  
 \*satisfied by major-no  
 additional credits

Social Sciences *satisfied by major-no additional courses required	One REL 200 course -3 credits *one course must have Christian Tenets Both Social Science courses will be satisfied by	RL1 RL2 *TEN
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### Secondary Education Major (44 credits)

The professional sequence for all secondary education majors is listed below and is separated by level. Level 1 courses are designed to help candidates decide if education is the right career path. Once completed, candidates must choose their primary grade band, either 5-9 or 7-12. The other grade band becomes their secondary grade band. Level 2 courses are designed to have candidates learn the art of teaching. During Level 2 coursework, candidates must have 50 hours of clinical experience in their secondary grade band. Level 3 courses are taken during the student teaching semester and placement should be in a candidate's primary grade band.

Course #	Course Title	Credits
Level 1		
EDUC 200/1	Diversity Equity and Inclusion/Clinical Experience	3+1
EDUC 225/6	The Exceptional Child and Adolescent/Clinical Experience	3+1
EDUC 270	Foundations of Education	3
Level 2		
	All candidates should apply for admission to the department during the semester that all three level 1 courses have been satisfied.	
EDUC 275	Intro to Secondary Education and Instructional Design	3
EDUC 285/6	Literacy in the Content Area/Clinical Experience	3+1
EDUC 287	Classroom Management	3
EDUC 320	Assessment for Secondary Education	3
EDUC 331/2	Teaching Secondary School Science/Clinical Experience	3+1
EDUC 360/1	Secondary Principles/Clinical Experience	3+1
Level 3		
	All candidates should attend an informational meeting and apply to student teach two semesters before the semester they wish to student teach in.	
EDUC 457	Student Teaching Seminar	2
EDUC 481 or EDUC 483	Student Teaching Secondary School (5-9) or Student Teaching Secondary School (7-12)	10

### Secondary Education Integrated Science Major (5 Credits) 5-9/ 7-12 grade band

Course #	Course Title	Credits	Offered
BIO 105/107	General Biology I and Lab	3+1	F
BIO 106/108	General Biology II and Lab	3+1	S
CHEM 125 /127 CHEM 126 /128	General Chemistry I and Lab	3+1	F

Secondary Education Integrated Science Major with Geology Emphasis (Grades 12)  
(Additional 13 total credits)