

Secondary Education Major (with) Integrated Science Major (5-9, 7-12)  
 With Emphasis in Biology  
 (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 (5-9, 7-12). Candidates who wish to choose Integrated Science (5-9, 7-12) 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.

<b>Requirement</b>	<b>Rule</b>	<b>Attribute</b>
First Year Seminar	One IDS 100 -3 credits	FYS
Expository Writing	ENGL 113 -3 credits	EW
Health Dynamics	KIN 140 -2 credits	HD
Math and Natural Sciences *satisfied by major-no additional credits		
	<b>One REL 200 course -3 credits</b> *one course must have Christian Tenets	<b>RL1</b> <b>RL2</b> <b>*TEN</b>
		<b>SS2</b>
Arts and Humanities	One Arts in Practice -2/3 credits One Human Creative Perspectives -3 credits One Philosophical Perspectives -3 credits One Historical Perspectives -3 credits *Prerequisite: ENGL 113 and one 100 level Arts and Humanities	ART HCP PHL HST
Human Diversities *GLP courses can also count in another area	Global Language-3 credits of <u>second level</u> fluency One US Diversities course ( <b>satisfied by EDUC 200/1</b> ) <b>One Global Perspectives course -3 credits*</b>	GL2 USD GLP
Senior Seminar	IDS 452 or IDS 492 if not taking it during student teaching -3 credits	

**Secondary Education Major (44 credits)**  
**5-9/ 7-12 grade band**

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
<b>Level 1</b>		

**Secondary Education Integrated Science Major with Biology Emphasis (Grades 7-12)**  
**(Additional 16 Credits)**

Course #	Course Title	Credits
BIOL 221/221L	Physiology/Lab	3+1
BIOL 356/356L	Genetics/Lab	3+1