Secondary Education Major (with)
Math Education Major
(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 Mathematics (5-9, 7-12). A candidate's actual 4-year plan should be worked out with an education advisor.

Anchor Plan (35-36 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 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 courses required**	**One math course -3/4 credits*** One NSL course -4 credits Any math or science course to reach 10 credits* total	~~MA~~ NSL ~~MNS~~
Religion	One REL 100 course -3 credits One REL 200 course -3 credits *one course must have Christian Tenets	RL1 RL2 *TEN
Social Sciences	**Both Social Science courses will be satisfied by students taking EDUC 200/1 and EDUC 457. No additional coursework required.**	~~SS1~~ ~~SS2~~
Arts and Humanities *The first course taken in the series must be at the 100-level, and the next two courses must be at the 200-level.*	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 second level fluency One US Diversities course (**satisfied by EDUC 200/1**) **One Global Perspectives course -3 credits***	GL2 ~~USD~~ GLP
Senior Seminar	IDS 452 *or IDS 492 if not taking it during student teaching* -3 credits	SRS

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

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
MATH 323/324	Teaching Secondary School Math/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

Math Education Major
(Additional 33 Credits)

Course #	Course Title	Credits
MATH 131	Calculus I (MATH 125 and 126 may be substituted)	4
MATH 132	Calculus II	4
MATH 219	Accelerated Statistics (MATH 115 and 215 may be substituted)	4
MATH 160	Discrete Math	3
MATH 245	Linear Algebra	3
MATH 280	Bridge to Higher Mathematics	3
MATH 341	Algebraic Structures	3
MATH 351	College Geometry	3
MATH 241	Teaching Algebra to Adolescents	3
MATH 251	Teaching Geometry to Adolescents	3

4-year plan Secondary Math 5-9, 7-12

This 4-year plan was intentionally constructed based on the sequential and scaffolded learning that will help candidates stay on track and be successful in the program. Any deviation to the plan should be done in conjunction with a candidate's education advisor.

	Fall – Year 1		Spring – Year 1		Summer – Year 1	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
Educ Courses **Math Courses** **Anchor Plan** **Elective Courses**	**EDUC 200/201**	4	**EDUC 225/226**	4		
	MATH 131	4	**MATH 132**	4		
	IDS 100 (FYS)	3	**MATH 160**	3		
	REL 100 (RL1)	3	**ENG 113 (EW)**	3		
	KIN 140 (HD)	2				
		16		**14**		
	Fall – Year 2		Spring – Year 2		Summer – Year 2	
	EDUC 270	3	**EDUC 275**	3		
	MATH 245	3	**MATH 280**	3		
	REL 200 (RL2)	3	**NSL**	3		
	ART	2/3	**HCP**	3		
	Lang (GL2)	3	**Elective**	3		
		14-15		**15**		
	Fall – Year 3		Spring – Year 3		Summer – Year 3	
	EDUC 285/286	4	**EDUC 287**	3		
	MATH 241	3	**EDUC 320**	3		
	MATH 351	3	**MATH 251**	3		
	HST	3	**MATH 219**	4		
	Elective	3	**Elective**	3		
		16		**16**		
	Fall – Year 4		Spring – Year 4		Summer – Year 4	
*__IDS 492__ can be substituted if not taken during student teaching	**EDUC 360/361**	4	**EDUC 457**	2		
	MATH 323/324	4	**EDUC 481 (7-12)**	10		
	MATH 341	3	**or 483 (5-9)**			
	PHL	3	**IDS 452 (SRS)***	3		
		14		**15**		