

Davis & Elkins College™

Division of Mathematics & Science BS Four-Year Degree Plan (Mathematics)

This is a model four-year graduation plan. Your path to graduation may vary based on factors such as college credit you earned while in high school, your choice of general education electives, availability of courses, and your placement in English and mathematics.

This degree program can be completed in eight semesters. Check out the [course rotations](#) before scheduling your classes. Visit with your adviser to develop a plan that is right for you.

The following degree plan is based on the general education program instituted in Fall 2015. For the previous general education requirements, please access the appropriate catalog.

Year 1

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 195 Pre-calculus	3	GES 175 First-Year Symposium	3	MATH 196 Calculus I	4
GES 105 First Year Seminar	3			MATH elective	3
General Education (e.g., ENGL 101A College Writing I, COMM 1xx)	9			General Education (e.g., Literature)	9
Total	15		3		16

Year 2

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 201 Calculus II	4			MATH 202 Calculus III	4
MATH elective	3			MATH 205 Language of Math	3
General Education (e.g., HIST 10x, ENGL 102A College Writing II, PHED 102 Wellness Education)	7			General Education (e.g., ART, Social science 1)	9
Total	14				16

Year 3

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH elective	3			MATH elective	3
MATH elective	3			MATH 315 Intro to Analysis	3
General Elective	3			General Education (e.g., PHED, electives)	9
General Education (e.g., Social science 2, REL/PHL)	7				
Total	16				15

Year 4

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 313 Algebraic Structures	3			MATH 312 Linear Algebra	3
General Electives	13			MATH 498 Senior Thesis	3
				General Electives	9
Total	16				15

Notes:

This plan is not a contract curriculum and can change.

If you do not take any optional winter term classes, and you elect to take the lowest recommended number of credits each semester, you will not have enough credits to graduate in four years. You need a total of 124 credits, not including FND courses.

Davis & Elkins College™

Division of Mathematics & Science BS Four-Year Degree Plan (Mathematics Education 5 - Adult)

This is a model four-year graduation plan. Your path to graduation may vary based on factors such as college credit you earned while in high school, your choice of general education electives, availability of courses, and your placement in English and mathematics.

This degree program can be completed in eight semesters. Check out the [course rotations](#) before scheduling your classes. Visit with your adviser to develop a plan that is right for you.

The following degree plan is based on the general education program instituted in Fall 2015. For the previous general education requirements, please access the appropriate catalog.

Year 1

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 195 Pre-calculus	3	GES 175 First-Year Symposium	3	MATH 196 Calculus I	4
General Education	3			EDUC 120 Educational Technology	3
EDUC 100 The Schools in American Society	3			MATH 110 Geometry Concepts	3
EDUC 100L Lab	1			PSYC 217 Adolescent Development	3
General Education (e.g., ENGL 101A College Writing I, COMM 107A Intro to Public Speaking)	6			General Education (e.g., ENGL 101A College Writing I, COMM 107A Intro to Public Speaking)	3
Total	16		3		16

Year 2

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 201 Calculus II	4	EDUC 271	3	MATH 136 Discrete Math	4
MATH 180 Statistics	3			MATH 205 Language of Math	3
CSCI 110 Power Up: Building Computer Games	3	Diversity in American Schools		EDUC 212 Inclusive and Collaborative Methods	3
EDUC 200 Curriculum & Planning	3			General Education (e.g., ART, Social Science 1)	6
EDUC 210 Exceptional Child	3			EDUC 209 Educational Psychology	3
Total	16		3		17

Year 3

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 200+ Elective	3			MATH 312 Linear Algebra	3
Elective	3				
EDUC 317 Teaching Mathematics to Secondary Students	3			General Education (e.g., ENGL 101A College Writing I, COMM 107A Intro to Public Speaking)	3
PHYS 251 Physics I	4			EDUC 334A Reading and Writing in Content Area	3
General Education (e.g., Literature, RELG/PHL)	3			General Education (e.g., Literature, RELG/PHL, PHED electives)	4
Total	16				13

Year 4

Fall		Winter		Spring	
Course	Credits	Course	Credits	Course	Credits
MATH 313 Algebraic Structures	3			EDUC 492A Student Teaching 5-9	6
MATH 303 College Geometry	3			EDUC 493A Student Teaching 9-12	6
Elective	3			EDUC 494A Portfolio and Performance Assessment	3
EDUC 467 Methods and Materials 5-Adult	3				
Total	12				15

Notes:

This plan is not a contract curriculum and can change.

If you do not take any optional winter term classes, and you elect to take the lowest recommended number of credits each semester, you will not have enough credits to graduate in four years. You need a total of 124 credits, not including FND courses.

EDUC 100 The School in American Society fulfills the GES 105 First-Year Seminar requirement.