

2017-18 Catalog | MATH Majors

General Education (38 credits)

<input type="checkbox"/> Goal 1: LSEM 100 Longwood Seminar	<input type="checkbox"/> Goal 4: Arts _____	<input type="checkbox"/> Goal 8: Soc. Science _____	<input type="checkbox"/> Goal 11: PHED 101 Fitness Concepts	Goal 14: <input type="checkbox"/> Internship/Research MATH 490, 492, 498, or MATH 482, or MAED 490
<input type="checkbox"/> Goal 2: ENGL 150 Writing and Research	<input type="checkbox"/> Goal 6: Science _____	<input type="checkbox"/> Goal 9: Diversity _____	<input type="checkbox"/> Goal 12: MATH 350 Math/CS Ethics	
<input type="checkbox"/> Goal 3: Literature _____	<input type="checkbox"/> Goal 7: HIST 100/110 Western Civilization	<input type="checkbox"/> Goal 10: Language 201 _____	<input type="checkbox"/> Goal 13: ENGL 400 Active Citizenship	

Additional Degree Requirements

B.S. Degree (7-8 credits)	B.A. Degree (6 credits)
<input type="checkbox"/> CMSC 140 (3 cr): Intro Programming or CMSC 160 (4 cr): Algorithmic Design I	<input type="checkbox"/> Language 202+ (3 cr): _____
<input type="checkbox"/> Second Lab Science (4 cr): _____	<input type="checkbox"/> Humanities (3 cr): _____

Required for All MATH Majors (31 credits)

<input type="checkbox"/> MATH 171 (3 cr): Basic Stats	<input type="checkbox"/> MATH 262 (4 cr): Calculus 2	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____ <input type="checkbox"/> or MATH 335 (3 cr): Advanced Euclidean	<input type="checkbox"/> MATH 372 (3 cr): Math Prob/Stats
<input type="checkbox"/> MATH 175 (2 cr): Discrete Math	<input type="checkbox"/> MATH 280 (3 cr): Linear Algebra	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____	<input type="checkbox"/> MATH 342 (3 cr): Modern Algebra	<input type="checkbox"/> MATH 461 (2 cr): Senior Seminar
<input type="checkbox"/> MATH 261 (4 cr): Calculus 1	<input type="checkbox"/> MATH 300 (3 cr): Transitions	<input type="checkbox"/> MATH 300+ elective (3 cr): MATH _____	<input type="checkbox"/> MATH 361 (4 cr): Multivariable Calc.	<input type="checkbox"/> MATH 462 (3 cr): Advanced Calculus

General Electives (31-33 credits). If Seeking Secondary Licensure, Electives *must* include MATH 335 and:

<input type="checkbox"/> EDUC 245 (3 cr): Human Growth	<input type="checkbox"/> EDUC 260 (2 cr): Intro to Teaching	<input type="checkbox"/> EDUC 432 (3 cr): Content Literacy	<input type="checkbox"/> MAED 152 (1 cr): Principles of Sec. Ed. in Math	<input type="checkbox"/> EDUC 487 (3 cr): Classroom Management
<input type="checkbox"/> MATH 245 (2 cr) or MATH 320 (3 cr): History of Math	<input type="checkbox"/> Internat'l Math History	<input type="checkbox"/> MAED 252 (2 cr): Practicum I	<input type="checkbox"/> MATH 451 (2 cr): Teaching High School Math	<input type="checkbox"/> MAED 352 (2 cr): Practicum II
<input type="checkbox"/> MATH 482 (12 cr): Directed Teaching				