



# Mathematics

Bachelor of Arts with Innovation Minor  
Suggested Schedule\*

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
MAC 2311 Analytical Geometry and Calculus 1 (State Core GE-M)	4	MAC 2312 Analytical Geometry and Calculus 2 (GE-M)	4
Biological or Physical Science (State Core GE-P or GE-B)	3	Physical or Biological Science (Area NOT taken in Semester 1, GE-P or GE-B)	3
Humanities (State Core GE-H)	3	Composition (State Core GE-C)	3
Social and Behavioral Sciences (State Core GE-S)	3	Social and Behavioral Sciences (GE-S)	3
IDS 1940 Creativity & Design Thinking for Innovation	2	IDS 1359 Innovation in Action	2
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
MAC 2313 Analytical Geometry and Calculus 3	4	MAP 2302 Elementary Differential Equations	3
Composition (GE-C)	3	MHF 3202 Sets and Logic	3
Physical Science (GE-P)	3	Humanities (GE-H, N)	3
ENT 3003 Principles of Entrepreneurship	4	Biological Science (GE-B)	3
<b>TOTAL</b>	<b>16</b>	Science Lab (GE-P or GE-B)	3
		AEC 3410 Fostering Innovation through Leadership	3
		<b>TOTAL</b>	<b>15</b>
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
MAS 4105 Linear Algebra 1	3	MAS 4301 Abstract Algebra 1	3
Mathematics Elective	3	Mathematics Elective	3
Foreign Language	3	Foreign Language	3
PHI 3641 Ethics and Innovation (GE-H, 2k)	3	Elective	3
<b>TOTAL</b>	<b>15</b>	ENT 4015 The Venture Accelerator or IDS 4950 Innovation Academy Senior Project	3
		<b>TOTAL</b>	<b>15</b>
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
MAA 4102 Introduction to Real Analysis I	3	MAA 4103 Introduction to Real Analysis 2 (MAA4402 is an alternative, and if chosen may not also count as a Math elective)	3
Electives	3	Mathematics Elective	3
Mathematics Elective, 4000-level Math Course	3	Electives	5
Electives (3000-4000 level, outside major)	6	Social and Behavioral Sciences (GE-S)	3
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

\*\*\* All Mathematics Elective & Approved Mathematics Related Elective courses are expected to be selected from those offered in Spring/Summer Terms

\*Diversity requirements from previous undergraduate catalogs may still apply and must be fulfilled.

**TOTAL CREDITS TO DEGREE = 120**

\* For Detailed tracking and degree requirements please refer to the [UF catalog](#).

Last Updated November 2024