

Mathematics Major Bachelor of Arts (41-42 credit hours)

The Mathematics major for the Bachelor of Arts prepares students for a variety of mathematics-related career paths in business and industry, as well as graduate study.

MATH 1100, 1110, 1220, 1250, 1300, and 4700 do not apply to the Mathematics major.

Major Requirements:

- MATH 2010, Calculus I, 4 credit hours
- MATH 2020, Calculus II, 4 credit hours
- MATH 2200, Discrete Mathematics, 4 credit hours
- MATH 3010, Linear, Algebra, 4 credit hours
- MATH 3020, Calculus III, 4 credit hours
- MATH 4000, Problem Seminar, 2 credit hours
- MATH 4100, Real Analysis, 3 credit hours
- MATH 4200, Abstract Algebra, 3 credit hours

- Probability/Statistics Elective: One course from MATH 2120, MATH 4010, or MATH 4020
- CPSC 2020, Fundamentals of Computational Thinking, 4 credit hours
- Mathematics Electives: 6 credit hours from MATH 2000 and above, excluding MATH 4700

- MATH 2010, Calculus I, is a Quantitative Ways of Knowing course in the Liberal Arts Program.
- MATH 4000, Problem Seminar, is a Speaking Intensive course in the Liberal Arts Program.

NOTE: All students must complete 120 total credit hours to graduate from Anderson University.

Proposed 4 year course sequence:

- Freshman: MATH 2010; MATH 2020, CPSC 2020
- Sophomore: MATH 3010; MATH 3020, MATH 2200
- Junior: MATH 4100/4200, MATH 2000-or higher; MATH 2120
- Senior: MATH 4000, MATH 4100/4020; MATH 2000-or higher

Mathematics BA 4 Year Suggested Course Sequence

SEMESTER 1		SEMESTER 2	
MATH 2010	4 Hours	MATH 2020	4 Hours
ENGL 1110	3 Hours	ENGL 1120	3 Hours
LART 1050	1 Hour	COMM 1000	3 Hours
Language (Modern/Ancient)	4 Hours	Additional Class	3 Hours
Personal Wellness	2 Hours		

SEMESTER 3		SEMESTER 4	
MATH 3010	4 Hours	MATH 3020	4 Hours
CPSC 2020	4 Hours	MATH 2200	4 Hours
BIBL 2000	3 Hours	Scientific Way of Knowing	4 Hours
Civic Ways of Knowing	3 Hours	Social & Behavioral Ways of Knowing	3 Hours
Additional Class	3 Hours		

SEMESTER 5		SEMESTER 6	
MATH 4100/4200	3 Hours	MATH 2120	4 Hours
MATH 2000-or higher	3 Hours	Global/Intercultural Ways of Knowing	3 Hours
Christian Way of Knowing	3 Hours	Aesthetic Ways of Knowing	3 Hours
Civil Discourse & Critical Reasoning	3 Hours	Writing Intensive	3 Hours
Additional Class	3 Hours	Additional Class	3 Hours

SEMESTER 7		SEMESTER 8	
MATH 4000	2 Hours	MATH 2000-or higher	3 Hours
MATH 4100/4200	3 Hours	Writing Intensive	3 Hours
Additional Class	4 Hours	Additional Class	3 Hours
Additional Class	3 Hours	Additional Class	3 Hours
Additional Class	3 Hours	Additional Class	3 Hours

Questions? Please contact the [Department of Mathematics](#).

Proposed 3 Year Course Sequence:

Freshman: MATH 2010; MATH 2020, MATH 2200

Sophomore: CPSC 2020, MATH 3010, MATH 4100/4200; MATH 3020, MATH 2120, MATH 2000-or higher

Junior: MATH 4000, MATH 4100/4200; MATH 2000-or higher

Mathematics BA 3 Year Suggested Course Sequence

SEMESTER 1		SEMESTER 2	
MATH 2010	4 Hours	MATH 2020	4 Hours
ENGL 1110	3 Hours	MATH 2200	4 Hours
LART 1050	1 Hour	ENGL 1120	3 Hours
Language (Modern/Ancient)	4 Hours	COMM 1000	3 Hours
Additional Class	3 Hours	Aesthetic Ways of Knowing	3 Hours
Additional Class	3 Hours		

SUMMER 1	
Civic Ways of Knowing	3 Hours
Social & Behavioral Ways of Knowing	3 Hours
Additional Class	3 Hours

SEMESTER 3		SEMESTER 4	
CPSC 2020	4 Hours	MATH 3020	4 Hours
MATH 3010	4 Hours	MATH 2120	4 Hours
MATH 4100/4200	3 Hours	MATH 2000-or higher	3 Hours
BIBL 2000	3 Hours	Writing Intensive	3 Hours
Scientific Way of Knowing	4 Hours	Additional Class	3 Hours

SUMMER 2	
Christian Way of Knowing	3 Hours
Global/Intercultural Ways of Knowing	3 Hours
Additional Class	3 Hours

SEMESTER 5		SEMESTER 6	
MATH 4000	2 Hours	MATH 2000-or higher	3 Hours
MATH 4100/4200	3 Hours	Writing Intensive	3 Hours
Personal Wellness	2 Hours	Additional Class	3 Hours
Civil Discourse & Critical Reasoning	2 Hours	Additional Class	3 Hours
Additional Class	3 Hours	Additional Class	3 Hours
Additional Class	3 Hours	Additional Class	3 Hours

Questions? Please contact the [Department of Mathematics](#).