

Mathematics Major (B.S.)

with a minor in Computer Science

Note: Sequence of courses may be altered with advisor's approval.

First Year**Fall:**

Credits	Course	Description
3	MATH 121	Calculus I
4	CHEM 121 or BIOL 110	Chem I/Lab or Bio /Lab
3	ENGL 103	Writing for Discipline
3	RLST 105	Fr. Goals Today
4	CPSC 121	Intro to Programming
0	CORE 103	Fall CES
0	MATH 192	Math Seminar
17	Total Credits	

Spring:

Credits	Course	Description
3	MATH 122	Calculus II
3	MATH 130	Discrete Mathematics
4	CHEM 122 or BIOL 111	Chem II/Lab or Bio /Lab
4	CPSC 122	Intermediate Prog.
3	CORE 113	First Year Seminar
0	CORE 104	Spring CES
17	Total Credits	

Second Year**Fall:**

3	MATH 221	Calculus III
3	MATH 322	Linear Algebra
4	PHYS 121	Physics I
3	CPSC 221	Data Structures
3	ENGL 104	Writ about Lit.
0	MATH 292	Math Seminar
0	CORE 211	Wellness
16	Total Credits	

Spring:

3	MATH 222	Calculus IV
3	MATH 306	Differential Equations
4	PHYS 122	Physics II
3	HIST 100/200	History elective
3	PHIL 205	Reason & Resp.
0	CORE 212	Wellness
16	Total Credits	

Third Year**Fall:**

3	MATH 401 or 407	Analysis or Algebra
3	MATH 304	Probability
3	EPPS*	EPPS elective
3	GETM**	Thematic minor
3	elective	elective
0	EXAM 301	Writ. Comp Exam
0	MATH 392	Math Seminar
15	Total Credits	

Spring:

3	MATH elective	Math elective
3	CPSC elective	CPSC elective
3	EPPS*	EPPS elective
3	GETM**	Thematic minor
4	elective	elective
16	Total Credits	

Fall:

3	MATH 401 or 407	Analysis or Algebra
3	CPSC elective	CPSC elective
3	GETM**	Thematic minor
3	GETM**	Thematic minor
3	elective	elective
1	MATH 492	Math Seminar
16	Total Credits	

Fourth Year**Spring:**

3	Fine Arts elective	Fine Arts elective
3	Lang 102 or Higher	Language
3	elective	elective
3	elective	elective
3	CORE 407	Keystone Seminar
15	Total Credits	

34 major credits; 17 minor credits; 16 collateral credits; 45 additional general education credits; 16 elective credits; 128 total credits

* EPPS – Econ101, PLSC102/103, PSYC101 or SOC 100-200 level

** GETM – General Education Thematic Minor; If GETM categories are met with major/collateral course(s), replace with Free Elective(s).