

Mathematics

First Year Fall

MATH-1010 Calculus I 4cr
CSCI-1100 Computer Science I 4cr
PHYS-1100 Physics I 4cr
HASS Elective 4cr
MATH-1900 Art and Sci. Of Math I 1cr

Second Year Fall

MATH-2010 Multivariable Calculus
and Matrix Algebra 4cr
BIOL-1010 Intro. To Biology 4cr
HASS Elective 4cr
Free Elective 4cr

Third Year Summer Arch

MATH-4100 Linear Algebra 4cr
Math Option 4cr
HASS Elective 4cr
Free Elective 4cr

Fourth Year Fall

Capstone II 4cr
Math Option 4cr
Free Elective 4cr
Free Elective 4cr

First Year Spring

MATH-1020 Calculus II 4cr
Free Elective 4cr
HASS Elective 4cr
Free Elective 4cr

Second Year Spring

MATH-2400 Intro. Differential
Equations 4cr
MATH-4090 Foundat. of Analysis 4cr
Free Elective 4cr
HASS Elective 4cr

Third Year Spring

Capstone I 4cr
HASS Elective 4cr
Free Elective 4cr
Free Elective 4cr

Fourth Year Spring

Capstone III 4cr
Free Elective 4cr
Free Elective 4cr

Program Information

In the above curriculum, the first-year seminar course MATH 1900 is not required, but is strongly recommended. Math Options are courses with MATH or MATP prefix at the 4000 level or above. The math options may include at most one independent study or URP. For the three capstone courses, students choose one of the capstone topic areas listed below and then pick three of the courses listed in that area. The Pass/No Credit option may not be used on any math option or capstone course.

Capstone Topic Areas and Courses

Mathematics: MATH-4200, MATH-4210, MATH-4010,
MATH-4300, MATH-4020, MATH-4030,
MATH-4120, MATH-4950

Applied Mathematics: MATH-4700, MATH-4800,
MATH-4300, MATH-4600,
MATH-4400, MATH-4500,
MATH-4720, MATH-4950

Mathematics of Computation: MATH-4800, MATP-4820,
MATH-4820, MATH-4840
MATP-4400, MATH-4950

Mathematics of Operations Research:
MATP-4600, MATP-4620, MATP-4700,
MATP-4820, MATP-4400, MATH-4950