

Degree Requirements

To obtain a bachelor's degree in mathematics students must complete MATH 1860 (or 1840 or 1930), 1890, 2850 (or 2950), and 3190 and follow one of the following concentrations for a total of at least 35 hours.

Pure Mathematics

The following are required: MATH 3860, 4330, 4820, and 4880.

Two courses must be completed from MATH 4300, 4450, 4540 or 4830.

The remaining coursework may be chosen from courses at the 3000 or 4000 level approved by the adviser.

Applied Mathematics

The following are required: MATH 3320 (or 4330), 3860, 4300 (or 4350), 4880 (or 4820).

One of the following two-semester sequences must be completed: MATH 4710 and 4720, or 4740 and 4750.

The remaining coursework may be chosen from courses at the 3000 or 4000 level approved by the adviser.

Statistics The following courses are required: MATH 3610, 3620, 4350, 4600, 4610, 4680, and 4690.

Mathematics with Computer Science

The following are required: MATH 3860, 4380, 4710, 3320 (or 4330), 4820 or 4880, 4350 or 4390 or 4720.

The remaining coursework may be chosen from courses at the 3000 or 4000 level approved by the adviser.

The following are required related area courses: EECS 1530, EECS 1540, EECS 2100, EECS 2550, plus one additional course in EECS chosen in consultation with the adviser for a minimum total of 18 hours.