

PLANS OF STUDY

There are many different paths to completing a mathematics major, depending on your post-graduation plans. In most cases, a decision does not need to be made until the middle of the second year. But it is also important that ANY path can be used for most career options. Therefore, the course sequences below are the recommended programs, but they are not written in stone. Be sure to consult the schedule of offerings, the course lists and your mathematics advisor, or the chair of the department, for more details.

Teaching High School: CS 157, MATH 131, 132, 199, 240, 264, 265, 299, 314, 399, 421, 461, 422 or 462, 499, and two electives numbered above 300. These students must also take MATH 489 as part of their education major.

Teaching Middle School: MATH 131, 132, 211, 213, 240, 264, 312 and 314.

Graduate School in Mathematics: CS 157, MATH 131, 132, 199, 253, 264, 265, 299, 399, 451, 452, 4661, 462, 499, and two electives numbered above 300.

Graduate School in Science or Engineering: CS 157, MATH 131, 132, 199, 253, 264, 265, 299, 330, 334, 399, 4541, 461, 452 or 462, 499, and one elective numbered above 300.

Applied Statistics: CS 157, MATH 1313, 132, 199, 253, 264, 240, 299, 322, 340, 341, 342, 344, 399, 493, 499.

Students with another primary major area of study can also complete a complementary mathematics major by completing the following program of study:

Complementary Major: MATH 131, 132, 199, 253 or 240, 264, 265, 299, 399, one of 421, 451, and 461, 499, and three electives numbered above 300.

Computer Science majors complete the following program of study: MATH 131, 168, 240, 269, CS 157, 158, 246, 257, 332, 347, 332, 347, 358, 372, 493, and five credits numbered above 290.

Students interested in Actuarial Science should visit the homepage for that major at <http://www.valpo.edu/actsci/>