

Math Major: Suggested Order of Courses and their Prerequisites

<i>Before taking this class:</i>	<i>Classes you should have taken, either because they are official prerequisites or very helpful</i>
Math 141, 142, 143, 241	Precalculus algebra and trig or equivalent, and previous classes in the sequence. You must pass Math 141 with a C- or better
Math 202	Should be taken as soon as you are a sophomore
Math 206	Soon after completing Math 143
Math 242	After Math 206 and Math 241
Math 248	As soon as possible after completing Math 143.
Math 300	After any of the above classes, and some computer science experience. This class is designed for prospective secondary school mathematics teachers.
Math 304	After Math 206 and 241
Math 306	After Math 206, Math 241, and Math 248. You must pass Math 248 with a C- or better.
Scm 300	Should be taken after obtaining sophomore standing and completing Math 143, preferably during the winter quarter. This class is designed for prospective secondary school mathematics teachers.
Math 335	Prerequisite is junior standing. Having calculus and Math 206 for maturity would be good
Math 336	Prerequisite is junior standing. Having calculus and Math 206 for maturity would be good
Math 341	After Math 248. You must pass Math 248 with a C- or better
Math 344	After Math 206 and Math 242
Math 350	After CSC/CPE 101 or 235, and Math 206, and Math 241
Math 351	Prerequisite is junior standing. This course is useful for learning to typeset mathematics for research and senior projects.
Math 370	Desire to work hard and interest in solving hard problems in pure math, and consent of the instructor
Math 371	Desire to work hard and interest in solving hard problems in applied math, and consent of the instructor
Math 400	Junior standing and consent of department chair and a faculty member to direct you
Math 404	After Math 304
Math 406	After Math 306
Math 408	After Math 242. Other math classes beyond calculus would be useful for mathematical maturity
Math 409	After Math 408
Math 412	After Math 306. Other junior or senior level proof-oriented courses would also be helpful. Under no circumstances should you take Math 412 and Math 481 concurrently.
Math 413	After Math 412
Math 414	After Math 413
Math 416	After Math 206 and Math 242
Math 417	After Math 206 and Math 242
Math 418	After Math 344. Math 304 is recommended
Math 419	After Math 248 and at least one other junior or senior level mathematics course. You must pass Math 248 with a C- or better.
Math 423	After Math 442 and Math 481. For prospective secondary school teachers.
Math 431	After Math 206 and Math 241
Math 432	After Math 431
Math 437	After Math 206 and Math 248. You must pass Math 248 with a C- or better.
Math 440	After Math 412, and after or concurrently with Math 481
Math 441	After Math 440
Math 442	After Math 248. You must pass Math 248 with a C- or better. Math 300 is recommended. For prospective secondary school teachers
Math 443	After Math 442
Math 451	After Math 206 and 242, and either CSC/CPE 101 or 235
Math 452	After Math 451
Math 459	After Math 306, and at least two other junior or senior level mathematics courses
Math 461	After Math 459
Math 462	After Math 461
Math 470	Junior standing and consent of instructor
Math 481	After Math 306 or Math 341. Other junior or senior level proof-oriented classes would be helpful. Under no circumstances should you take Math 412 and Math 481 concurrently.
Math 482	After Math 481
Math 485	Sophomore standing and consent of instructor
Math 495	Sophomore standing and consent of instructor