

Math Major: Suggested Order of Courses and their Prerequisites (7/9/09)

<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 to take Math 142.
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 Math 141 and after a course in CSC.
Math 304	After Math 206, and Math 241.
Math 306	After Math 206, Math 241, and Math 248. You must pass Math 248 with a C- or better.
Math 335	Math 248 or junior standing.
Math 336	Math 248 or junior standing.
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	Math 206 and Math 241 and college level programming course.
Math 351	Prerequisite is junior standing. This course is useful for learning to typeset mathematics for research and senior projects.
Math 370	Consent of the instructor. Desire to solve interesting problems in pure math.
Math 371	Consent of the instructor. Desire to solve interesting problems in applied math.
SCM 300	Should be taken after obtaining sophomore standing and completing Math 143, preferably during the fall or winter quarter. This class is designed for prospective secondary school mathematics teachers.
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. Generally speaking, Math 412 and Math 481 should not be taken concurrently.
Math 413	After Math 412.
Math 414	After Math 413.
Math 416	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 424	Acceptance into Math Single Subject Credential program, or senior standing.
Math 435	Math 248 and 336. You must pass Math 248 with a C- or better.
Math 436	Math 435 and after or concurrently with Math 482.
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 453	After Math 306 and 451.
Math 459	After Math 306, and at least two other junior or senior level mathematics courses.
Math 460	After Math 306, 344, and 451.
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. Generally speaking, Math 412 and Math 481 should not be taken concurrently.
Math 482	After Math 481.
Math 485	Sophomore standing and consent of instructor.
Math 495	Sophomore standing and consent of instructor.