

XXX Community College Mathematics Program Includes Secondary Mathematics Education and Data Science



If you are interested in pursuing a career in the field of mathematics, math education, or data analytics, **XXX Community College** can give you a strong foundation for meeting your goals. Math majors develop critical thinking and problem-solving skills that allow them to ask questions that lead to a better understanding of the world.

The following is a suggested course of study for students interested in pursuing a bachelor's degree in mathematics or a related major. In collaboration with your community college advisor, use the map below to select your courses to ensure they will meet requirements of any participating private university.

SUBJECT	COURSES	QUARTER CREDITS
General Education/Foundational		
Mathematics	Calculus sequence: MTH 251-254	
Writing	Choose two courses with a WR prefix. Recommended: WR 121Z, and WR 122Z or WR 227Z	8
Oral Communication	Take one course with COMM prefix. Recommended: COMM 111Z	4
Arts & Letters	Choose two courses from at least two subject areas.	8
Social Sciences	Choose two courses from at least two subject areas.	8
CC Specific Courses	Insert additional CC-specific course requirements here (if needed)	XX
Courses in the Major		
Mathematics	Differential equations: MTH 256 (4 credits) Linear algebra: MTH 261 (4 credits) Statistics and probability: STAT/MTH 243-244 (8 credits) Discrete Mathematics is highly recommended	16
Science Sequence	A three term major level science sequence	12-15
Computer Science	Introduction to Computer Science: CS 160	4
Additionally Recommended for Secondary Math Ed	Foundations of Education: ED 216 (3 credits) Educational Psychology or Adolescent Development: PSY 218 (4 credits) or PSY 233 (3 credits) Field experience/practicum: ED 240 (4 credits) Math 211/212/213 (12 credits)	22-23
Additionally Recommended for Data Science	Programming languages: At least two courses (8 credits) Discrete mathematics: MTH 231-232 (8 credits)	16-20
<p>Private institutions in Oregon all use semester hours. Be sure to speak with an advisor about credit equivalents for your courses.</p>		

Contact an advisor at your campus and at the campus to which you intend to transfer to learn more about the program and courses listed above.