

Mathematics

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2004

Mathematics major leads to the Associate of Science degree and prepares the student for transfer to a four-year institution. Students completing the baccalaureate program or graduate work may be hired in the major or allied fields as a computer scientist, engineer, statistician, teacher, financial analyst, systems analyst, auditor, controller, loan officer, tax collector or assessor.

Required Courses - Major:

	Units
Mathematics 210 Calculus & Analytic Geometry I	5
Mathematics 211 Calculus & Analytic Geometry II	5
Mathematics 212 Calculus & Analytic Geometry III	5

Plus 5-6 additional units selected from the following: 5-6

Chemistry 250 General Chemistry I	5
Mathematics 214 Linear Algebra	3
Mathematics 215 Differential Equations	3
Mathematics 220 Statistics	4
Physics 214 Principles of Physics	4

Total Major units	20-21
Total Degree units	60