

ASSOCIATE OF SCIENCE DEGREE (AS)

The Associate of Science Degree with an emphasis in Mathematics offers coursework intended to prepare students to transfer to a four year institution to earn a baccalaureate degree in Mathematics, Mathematics Education or other degrees requiring strong mathematical skills. The degree will also enhance career opportunities in fields that require critical thinking.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Apply problem solving skills.
- Analyze and interpret data problems associated with employment.
- Utilize logical thinking skills to resolve issues that arise in the workplace.
- Analyze and evaluate problem solving skills.

Courses with “H” suffixes are designated Honors level courses and can be used to fulfill equivalent general education requirements.

GENERAL EDUCATION REQUIREMENTS (35 Credits):

	CR	SEMESTER
ENGLISH: ENG 100 or 101 or 113 and 102 or 114	6-8	_____
LITERATURE: ENG 223 or above	3	_____
FINE ARTS: ART, DAN 101, Music, THTR	3	_____
HUMANITIES: COM 101 and ENG 223 or above, HIST, International Languages 111 or above, or PHIL	6	_____
MATHEMATICS: MATH 181	4	_____
SOCIAL SCIENCES: (Nine credits must be from three different disciplines): ANTH, CRJ 104, ECON, PSC, PSY, SOC, WMST 113	9	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (31 Credits):

	CR	SEMESTER
MATH 132 Finite Mathematics	3	_____
MATH 182 Calculus II	4	_____
MATH 251 Discrete Mathematics I	3	_____
MATH 253 Matrix Algebra	3	_____
MATH 283 Calculus III	4	_____
MATH 285 Differential Equations	3	_____
STAT 152 Introduction to Statistics	3	_____
Select 8 credits from the following:		
BIOL 189 Fundamentals of Life Science	4	_____
BIOL 196 Principles of Modern Biology I	4	_____
BIOL 197 Principles of Modern Biology II	4	_____
CHEM 121 General Chemistry I	4	_____
CHEM 122 General Chemistry II	4	_____
PHYS 180 Physics for Scientists and Engineers I	3	_____
and		
PHYS 180L Physics for Scientists and Engineers Lab I	1	_____
PHYS 181 Physics for Scientists and Engineers II	3	_____
and		
PHYS 181L Physics for Scientists and Engineers Lab II	1	_____
PHYS 182 Physics for Scientists and Engineers III	3	_____
and		
PHYS 182L Physics for Scientists and Engineers Lab III	1	_____

ASSOCIATE
OF SCIENCE

MATH-AS **66**
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.