

**IMPERIAL VALLEY COLLEGE
2011-2012 GENERAL CATALOG - CERTIFICATE AND MAJOR PROGRAMS**

ASSOCIATE DEGREE PROGRAM

MATHEMATICS MAJOR - A.S. DEGREE

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Twenty-seven (27) units required for the major

I. Fifteen units:

MATH	192	Calculus I	5.0
MATH	194	Calculus II	5.0
MATH	210	Calculus III	5.0

II. Three units selected from:

MATH	220	Elem Differential Equations	3.0
MATH	230	Intro to Linear Algebra w/Appl	3.0

III. Nine units selected from (no duplicates from previous category):

CIS	210	Programming in C++	3.0
CS	220	Intro to Object Oriented Prog Using Java	4.0
MATH	113	Mathematics Software-Geometer's Sketchpad	1.0
MATH	119	Elementary Statistics	4.0
MATH	121	Mathematics Software-FATHOM	1.0
MATH	220	Elementary Differential Equations	3.0
MATH	230	Intro to Linear Algebra w/Appl	3.0
MATH	240	Discrete Mathematics	3.0
MATH	241	Mathematics Software - MatLab	1.0
PHYS	200	Principles of Physics I	5.0
PHYS	202	Principles of Physics II	5.0
PHYS	204	Principles of Physics III	5.0