

# SPECIALIZATION IN COMPUTING

The Specialization in Computing provides an extensive education in elementary computer science and an introduction to its applications in mathematics. This not a major, but a supplement to the following majors:

- Mathematics
- Applied Mathematics
- Financial Actuarial Mathematics
- Mathematics/Applied Science
- Mathematics for Teaching
- Mathematics/Economics

Students who complete the specialization will receive a notation on their diploma. Mathematics/Economics majors interested in a Specialization in Computing must follow the specialization offered through the mathematics department.

Students planning to complete the Specialization in Computing must petition to add this program to their major after completing PIC 10B. Petitions should be filed with the Student Services Office in MS 6356.

Students who have added the Specialization in Computing to their major and choose to graduate before completing the specialization must officially drop the program by filing a petition in MS 6356.

## REQUIRED FOR THE SPECIALIZATION: 7 COURSES

	Quarter	Grade		Quarter	Grade
			<b>One</b> mathematics course chosen from: MATH 61, 180*, 182* or 184		
PIC 10A	_____	_____			
PIC 10B	_____	_____	1.	_____	_____
			<b>Two</b> PIC courses from the following:		
PIC 10C	_____	_____			
PIC 15	_____	_____	1.	_____	_____
PIC 16A	_____	_____	2.	_____	_____
PIC 16B	_____	_____			
PIC 20A	_____	_____			
PIC 20B	_____	_____			
PIC 30	_____	_____			
PIC 40A	_____	_____			
PIC 60	_____	_____			

All PIC and Math courses applied to the specialization must be completed with a minimum 2.0 GPA, with a grade of "C-" or better in each course.

All required courses for the specialization must be at least 4.0 units and taken for a letter grade, unless the class is a supplement to a larger course (e.g. a required lab).

\*MATH 180 and 182 may only be applied once to the Specialization in Computing.

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