

Advisor: Trung Tran, 566-5276

Students interested in majoring in Mathematics should pursue the Associate of Science Degree, Computer Science Specialization. The program of studies listed below leads to this degree. Upon completion of this degree, students may be able to transfer to most four-year colleges and universities as juniors. Although members of the math department make every effort to consult with various colleges and universities regarding requirements, students are encouraged to consult catalogs, websites and advisors at their chosen four-year institutions during their freshman year.

Preparation: While in high school, students should pursue all the available courses in mathematics, physics, and computer programming.

Program Planning: Students should meet with a math advisor as soon as they are admitted to Tacoma Community College. Students should also refer to the Associate of Science degree description located in the Tacoma Community College catalog or on the Science Division website at http://www.tacoma.ctc.edu/inst_dept/science/computersciencespec.shtm. Many courses have prerequisites, are offered only once or twice a year, and are sequential. Careful selection of classes each quarter is necessary to complete the program without delay.

First Year

Fall

CS 142 or Elective
MATH& 151
ENGL& 101

Winter

CS 142 or Elective
MATH& 152
Social Sciences

Spring

CS 143
MATH& 153
Elective

Second Year

Fall

MATH 220
PHYS 121
Humanities

Winter

MATH 238*
PHYS 122
Humanities or Social Science

Spring

MATH& 254*
PHYS 123
Science Elective

* These courses are recommended but not required for the Computer Science degree. However, a student majoring in Math should take these courses in order to prepare for upper division math courses. Additionally, students attending UW Seattle are required to take MATH& 254 in order to receive transfer credit for MATH& 153.

- Some students may need to take additional prerequisite courses.
- Science elective must be chosen from the Natural Science distribution course list.
- The Humanities and Social Science courses must be chosen from the Humanities and Social Science distribution course lists.
- At least one course must be chosen from the Multicultural course list.
- PE activity courses cannot be used as elective courses.
- A maximum of 5 credits of electives can be from courses that do not appear on any basic requirement or distribution list for the Associate of Arts and Science degree. Such courses must be approved by a computer science advisor.