

THE UNIVERSITY OF PUGET SOUND

2016-2017 CURRICULUM GUIDE

MATHEMATICS

DEGREE: BS

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A suggested four-year program:

Fall Semester Classes

Spring Semester Classes

Freshman	Units	Units	Units
SSI 1	1	SSI 2	1
MATH 180 (MA core)	1	MATH 181	1
CSCI 161* or Approaches Core	1	Approaches Core	1
FL (if needed) or elective	1	FL (if needed) or elective	1

Sophomore	Units	Units	Units
MATH 280	1	MATH 290	1
CSCI 161* or Approaches Core	1	Approaches core	1
Elective	1	Elective	1
Elective	1	Elective	1

Junior	Units	Units	Units
MATH 300-400 level (see below)	1	MATH 300-400 level (see below)	1
Elective	1	MATH 300-400 level (see below)	1
Elective	1	Elective	1
Elective	1	Elective	1

Senior	Units	Units	Units
MATH 300-400 level (see below)	1	MATH 300-400 level (see below)	1
Elective	1	Elective	1
CN core #	1	Elective	1
Elective	1	Elective	1

NOTES:

There are two options for the Mathematics major: the contract option and the standard option.

Contract option: Each contract will consist of: (1) Between 8 and 16 units with no more than 9 units in mathematics. (2) CSCI 161 or equivalent. (3) At least five upper-division (300-400 level) units in mathematics or mathematics substitute courses to include (a) two units of related upper-division courses and (b) one upper-division unit in a proof-based course. Contract must be finalized in consultation with the advisor and a departmental committee before the first contract upper-division course is completed. The contract will normally include 180/181/280/290.

Standard option: (1) Completion of 180/181/280/290. (2) CSCI 161 or equivalent. (3) At least five upper-division (300-400 level) units in mathematics to include (a) two units of related upper-division courses; (b) one upper-division unit in a proof-based course; and (c) at least one upper-division unit from each of the following lists: (A) MATH 301, 302, 321, 322, 352, 360, 375, 376, 420 (some topics as noted in topic course descriptions); and (B) MATH 300, 310, 335, 338, 420 (some topics as noted in topic course descriptions), 433, 434, 471.

* Students majoring in mathematics should take CSCI 161 in their first two years.

Of the three units of upper division coursework required outside the first major, the Connections course will count for one unless it is used to meet a major requirement.

Puget Sound requires a total of 32 units to graduate.

