



Degree Guide:

Mathematics Emphasis, Associate in Arts Direct Transfer Agreement (AA-DTA)

Program

[Mathematics \(MATH/MATH&\)](#)

Degree Type

AA-DTA

Overview

Complete your Associate in Arts Degree, Direct Transfer Agreement (AA-DTA) while exploring our mathematics program. We offer courses in a traditional classroom setting, online, or hybrid combining both classroom and online experiences.

Sample Career Options

- Actuary
- Data scientists
- Financial planner
- Mathematician
- Systems engineer

Transfer and Degree Requirements

Students working toward their transfer degree typically take a variety of courses designed to fulfill the general requirements of most four-year colleges and universities. Students intending to transfer to a four-year college for further study in mathematics are encouraged to work closely with their advisor and transfer institution to explore the requirements of the college they wish to attend after Peninsula. Most institutions have separate admission criteria, which may be based on grades, prerequisite coursework, test scores, and other considerations. Our sample schedule is designed to provide you with faculty recommended courses to complete your AA-DTA degree with an emphasis in mathematics, but is not a major ready pathway.

[Transfer Institution Information](#)

Students must select credits from three [distribution lists](#): Natural Sciences, Social Sciences, and Humanities. A specific course may be credited toward no more than one distribution requirement. A minimum of fifteen credits in two separate subject areas must be selected from each list. For Natural Sciences, at least five credits must be a lab. For Humanities, no more than five credits can be a Humanities-Performance course and no more than five credits may be applied in world languages at the 100 level.

Program Outcomes

Program outcomes are listed on the [Area of Study webpage](#).

Sample Schedule

This sample schedule is provided as a guide for a full-time student starting in fall quarter whose goal is to earn the AA-DTA. The courses are designed with the appropriate number of credits to meet degree requirements and are organized in a recommended sequence. Please consult an advisor to schedule courses and develop a personalized educational plan.

Your personal educational plan will vary based on many factors including:



- The quarter you begin
- How many classes/credits you plan to take in each quarter
- Your math and English placement
- If you have credits you have already taken and plan to transfer them
- The college you are interested in transferring to
- If you start in our [Transitional Studies](#) program

First Quarter

Meet with your advisor to talk about your long-term schedule, taking into account your transfer plans.

Catalog #	Course Title	Credits
COLL 101	College Success	5
ENGL& 101	English Composition I	5
MATH& 141 or MATH& 151		5

Second Quarter

It's not too soon to explore transfer options. Make a [transfer appointment](#).

Catalog #	Course Title	Credits
ENGL& 102 or ENGL& 235		5
MATH& 142 or MATH& 152		5
Social Sciences		5

Third Quarter

Check your educational plan to make sure you're on track to graduate.

Catalog #	Course Title	Credits
CMST& 210	Interpersonal Communication	5
MATH& 163 or Natural Sciences		5
Social Sciences		5

Natural Sciences + Take a course other than Computer Science (CS 100), Math (MATH&), Philosophy (PHIL), or Physics (PHYS&).

Social Sciences + Choose a second subject area.



Fourth Quarter

Meet with your educational and career planner to explore universities.

Catalog #	Course Title	Credits
Humanities		5
MATH& 146 or MATH& 151		5
PHYS& 221	Engineering Physics I with Lab	5

Humanities + Choose a second subject area.

Fifth Quarter

Apply to graduate. You're just two quarters away...keep it up!

Catalog #	Course Title	Credits
Elective or MATH& 152		5
PHYS& 222	Engineering Physics II with Lab	5
Social Sciences		5

Social Sciences + Choose a third subject area.

Sixth Quarter

You're almost done! Good luck on your final quarter!

Catalog #	Course Title	Credits
Humanities		5
MATH& 163 or Natural Sciences		5
PHYS& 223	Engineering Physics III with Lab	5

Humanities + Choose a third subject area.

Natural Sciences + Take a course other than Computer Science (CS 100), Math (MATH&), Philosophy (PHIL), or Physics (PHYS&).

Total Credits	90
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