



Degree Guide:

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

Program

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

Degree Type

Transfer Degree-Emphasis

Overview

Complete your [Associate in Arts Degree, Direct Transfer Agreement \(AA-DTA\)](#) with an emphasis in mathematics in preparation for transferring to a four-year university. We offer courses in a traditional classroom setting, online, or hybrid combining both classroom and online experiences.

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

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 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 for every institution.

[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](#).

First Quarter

Meet with your advisor to talk about your long-term schedule and create an educational plan to complete your degree.

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

Second Quarter

You're doing it! Check in with your advisor to stay on track.

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

Third Quarter

Now is the time to explore transfer options. Make a transfer appointment with your advisor or the [Career and Transfer Center](#).

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

Transfer applications are open. We are here to help with the [transfer process](#).

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

You're knocking on the door! Check your Degree Progress Report to avoid any surprises and then [apply for graduation](#).

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

Sixth Quarter

You're almost done! Time to order that cap and gown. 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

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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