

Mathematics

Associate in Science

Total Required Credits for Degree: minimum of 64
General Education Core Curriculum: minimum of 37
Additional Math/Science: 10 to 15
Additional Coursework: 12 to 17

Code: 8853

Note: Consult a faculty adviser or the Counseling and Advising office before planning coursework.

About the Program

The Mathematics program at College of DuPage prepares students to major in mathematics at a baccalaureate-granting institution and provides support courses for other disciplines. Students interested in completing a bachelor's degree in mathematics should consult with a faculty adviser.

Program web site:
www.cod.edu/academic/acadprog/tranprog/MathTr.htm

First Semester Possibilities

Students enrolled in a minimum of 12 credits are considered full-time students. The following courses are examples of possible choices for the first semester of study:

Course	Credits
English 1101.....	3
Foreign Language.....	4
Lab Science.....	4 to 5
Mathematics.....	3 to 5

General Education Core Curriculum

Each candidate for an A.S. degree shall satisfactorily complete a minimum of 37 General Education credits. General Education credit may not be earned using a Satisfactory/Fail grade.

Use the *Student Planning Worksheet* or consult a list of General Education categories and courses for this degree to decide what needs to be taken. Additional information can be found on the Mathematics website (www.cod.edu/math).

Under the specified General Education headings below, the following courses are recommended for the Mathematics Associate in Science degree:

Communication: 9 credits

Written: 6 credits

Oral: 3 credits

Required courses: English 1101 and 1102 (grade of "C" or higher required); Speech 1100 (grade of "C" or higher required)

Physical/Life Sciences: 7 to 10 credits

Select at least one course from Life Sciences and one course from Physical Sciences. At least one course must have a laboratory component.

Recommended courses: Choose a lab science sequence after you consult with a faculty adviser and your transfer institution's catalog.

Mathematics: 3 to 5 credits

Recommended courses: Enrollment in mathematics courses is determined by your background and preparation. Consult with a faculty adviser for more information. To obtain junior standing when you transfer to a baccalaureate-granting school, you should complete all of the courses listed or their equivalent. Credit in Mathematics 1428, 1431 and 1432 may not apply toward a major in mathematics.

Humanities and Fine Arts: 9 credits

Select at least one course from Humanities and at least one course from Fine Arts.

Please note: Only one foreign language course may apply for general education credit. Additional foreign language courses will count as elective credit toward your degree.

Earn no more than 6 credits in History in the Humanities and Fine Arts, and Social and Behavioral Sciences categories combined. Additional credits in History from general education or other categories may be earned as elective credit, unless restricted by degree requirements.

Social and Behavioral Sciences: 9 credits

Courses must be selected from at least two disciplines. See note under Humanities/Fine Arts regarding History courses.

Recommended courses: To graduate, a student must present credit in Political Science 1101 or earn a satisfactory score on a test of the U.S. Constitution and the Illinois Constitution. As an alternative, students may present a transcript from an Illinois high school specifically stating that the constitution requirement has been met.

Additional Math/Science Requirements

Physical and Life Sciences

Select two courses up to a maximum of 10 credits.

Mathematics

Select one course up to a maximum of 5 credits.

Additional Coursework

Students are strongly advised to consult with a faculty adviser and/or the transfer institution in selecting 12 to 17 General Elective credits. Students can earn a maximum of 10 credits in technical/occupational areas (the transferability of these courses needs to be validated with a transfer institution).

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Additional A.S. Degree Requirements

These credits can count as either General Education Core Curriculum (in the Humanities category or the Social and Behavioral Sciences category) or as General Elective credit, whichever applies.

Human Relations: Complete one course.

Global/Multicultural Studies or Contemporary Life Skills: Complete one course.

IAI (Illinois Articulation Initiative)

The IAI General Education Core Curriculum is based on a package concept, in which a package of courses is used to meet the receiving institution's lower-division general education requirements. The entire IAI package must be completed to ensure full articulation.

Always seek the advice of an academic adviser at College of DuPage or an admissions counselor at a transfer institution when choosing major courses. For additional information, check the web site at: www.itransfer.org or the College of DuPage transfer guide web site at: home.cod.edu/academics/transferinfo.

Advisers

If you are considering this program as an area of study, consult with a faculty adviser in this field:

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