

MATHEMATICS

Faculty

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The mathematics department offers courses to prepare the student for advanced work, courses required in other programs, and courses that contribute to a general studies program.

Twenty or more credits may be earned toward a major in mathematics.

When a combination of mathematics courses is completed, the total number of semester credits applicable toward an associate of arts degree, and associate of science degree, or an associate of business degree is shown in the following table:

Group	Credit
A. MATH 0900, 0920, 0930, 1400, and 1510	4
B. Any or all of Group A and MATH 1450	5
C. Any or all of Group A and MATH 1405	7
D. Any or all of Group B and MATH 1405	7

Full credit will be given for degree credit for combinations of mathematics courses not listed in the above table.

All initial placement in mathematics is established by the appropriate ACT or COMPASS exam score.

Credit by examination may be awarded if the procedures as described under "Credit by Examination" are followed.

A grade of "C" or better must be attained in a mathematics course in order for it to qualify as a prerequisite for another mathematics course.

Associate of Science Degree Mathematics

(Recommended Curriculum)

General Education (Minimum 32 credits) Credits
 General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
 Included in the major requirements below
2. Communication
 ENGL 1010 English I: Composition 3
 ENGL 1020 English II: Composition 3
3. Relationship with the World
 Human behavior 3
 U.S. and Wyoming constitutions 3
 Cultural environment 3
4. General Education Electives
 Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements (Minimum 24 credits)

MATH 2200 Calculus I	5
MATH 2205 Calculus II	5
MATH 2210 Calculus III	5
MATH 2250 Linear Algebra	3
COSC 2300 Introduction to Discrete Structures . . . or	
MATH 2310 Differential Equations I	3

Laboratory sciences	8
Electives	18

To obtain a degree in mathematics, a student must obtain a grade of "C" or better in all major requirements.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Associate of Science Degree Mathematics Majors

For those who plan to teach high school mathematics

(Recommended Curriculum)

General Education (Minimum 32 credits) Credits
 General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation
 Laboratory science 4
 Math requirement included in the major requirements.
2. Communication
 ENGL 1010 English I: Composition 3
 ENGL 1020 English II: Composition 3
3. Relationship with the World
 PSYC 1000 General Psychology 4
 U.S. and Wyoming constitutions 3
 Cultural environment 3
4. General Education Electives
 Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements

COSC 1010 Introduction to Computer Science	4
EDFD 2020 Foundations of Education	3
EDFD 2100 Educational Psychology	3
EDUC 2100 Public School Practicum	4
HLTK 1620 American Heart Association Heart Saver First Aid, CPR and AED33
ITEC 2360 Teaching with Technology	3
MATH 2200 Calculus I	5
MATH 2205 Calculus II	5
MATH 2210 Calculus III	5
MATH 2250 Elementary Linear Algebra	3
PSYC 2300 Developmental Psychology	3
PSYC 2360 Lifespan: Adulthood and Aging	1
STAT 2050 Fundamentals of Statistics	5

To obtain a degree in mathematics majors, a student must obtain a grade of "C" or better in all major requirements.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF ARTS, ASSOCIATE OF SCIENCE, ASSOCIATE OF BUSINESS, ASSOCIATE OF FINE ARTS AND ASSOCIATE OF APPLIED SCIENCE DEGREES.