# APPLIED MATHEMATICS - MINOR

## College of Arts and Sciences
Department of Mathematical Sciences
233 Mathematics and Computer Science Building
Kent Campus
330-672-2430
math@math.kent.edu
www.kent.edu/math

## Description
The Applied Mathematics minor offers courses in several areas of mathematics that are applicable to sciences and can be combined with science majors.

## Fully Offered At:
- Kent Campus
- Stark Campus

## Admission Requirements
Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

## Minor Requirements

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MATH 10774  ALGEBRA FOR CALCULUS STRETCH II (KMCR)  
or MATH 10775  ALGEBRA FOR CALCULUS PLUS (KMCR)  
or MATH 11010  ALGEBRA FOR CALCULUS (KMCR)  

MATH 11022  TRIGONOMETRY (KMCR)

Prerequisite Electives, choose from the following:

- CS 10062  PROGRAMMING FOR PROBLEM SOLVING IN SCIENCES
- CS 13001  COMPUTER SCIENCE I: PROGRAMMING AND PROBLEM SOLVING
- CS 13011  COMPUTER SCIENCE I: PROCEDURAL PROGRAMMING  
& CS 13012  COMPUTER SCIENCE II: OBJECT ORIENTED PROGRAMMING
- DSCI 15310  COMPUTATIONAL THINKING AND PROGRAMMING

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MATH 12002  ANALYTIC GEOMETRY AND CALCULUS I (KMCR)  

MATH 12003  ANALYTIC GEOMETRY AND CALCULUS II  

Choose from the following: 8-10

Selection A

MATH 21001  LINEAR ALGEBRA WITH APPLICATIONS

MATH 22005  ANALYTIC GEOMETRY AND CALCULUS III

## Graduation Requirements

### Minimum Minor GPA

2.000

- Students must complete at least two upper-division (30000 or 40000 level) courses in the minor at Kent State on a graded basis (A-F).
- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).