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# General Mathematics Studies

In the College of Arts and Letters

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## Faculty

Chair: McClish

Lecturers: Morgan, Quan

Adjunct: Keesey

## Offered by the Department of Rhetoric and Writing Studies

Courses in general mathematics studies.

Major or minor work in general mathematics studies is not offered.

## General Information

The principal role of the General Mathematics Studies program is to prepare students to satisfy the CSU Entry Level Mathematics requirement and to prepare students to succeed in their GE entry level Mathematics course. Receiving a credit in General Mathematics Studies 91 satisfies the ELM requirement\* as well as the Mathematics Placement Examination, Part IA (intermediate algebra) requirement – a prerequisite for students wishing to enroll in most entry level mathematics and statistics courses. For more information on these mathematics requirements, refer to the “Graduation Requirements” section of this catalog.

The General Mathematics Studies program offers one unit workshops in geometry and other selected topics in mathematics.

**The units awarded to a student who earns a grade of “Credit” in a General Mathematics Studies course are not applicable to the baccalaureate degree.**

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\*The ELM requirement is satisfied by this course *only if* the student has already attempted and failed the ELM.

## Courses (GMS)

*Refer to Curricula and Courses and University Policies sections of this catalog for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.*

### LOWER DIVISION COURSES (Non-Baccalaureate Credit)

**General mathematics studies courses numbered below 100 may not be used to satisfy general education or graduation requirements.**

GMS

#### **GMS 90. Fundamentals of Mathematics (3) Cr/NC/RP**

Prerequisites: Appropriate score on the CSU Entry-Level Mathematics Examination (ELM), the General Mathematics Studies diagnostic test, or other standardized mathematics examination.

Review of arithmetic and elementary algebra; topics from geometry covered in adjunct workshops (General Mathematics Studies 98A). Students earning “Cr” (credit) should enroll in General Mathematics Studies 91. Students earning “RP” (report in progress) go to specially designated sections of General Mathematics Studies 91. Students earning “NC” (no credit) should repeat General Mathematics Studies 90. May be repeated with consent of instructor. Maximum credit six units. (Formerly numbered General Studies 90A.)

#### **\*GMS 91. Intermediate Algebra (3) Cr/NC**

Prerequisites: Credit in General Mathematics Studies 90 or appropriate score on the ELM.

A review of intermediate algebra skills. Topics include polynomials, rational and radical expressions, complex numbers, linear and quadratic equations (and graphs), systems of equations, set and function notation, conic sections, exponential and logarithmic functions, and sequences and series. Credit in General Mathematics Studies 91 satisfies the Mathematics Placement Examination, Part IA and Entry Level Mathematics Examination requirements.

#### **GMS 98. Mini-Course: Selected Topics (1) Cr/NC**

Assorted short courses which will cover a variety of general mathematics skills through intensive lectures and laboratory work. Suggested topics: Communication skills, research tools, and learning skills. See Class Schedule for specific content. Credit earned in courses from this series is not applicable to a bachelor’s degree.

- A. Learning Skills
- B. Communication Skills

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\* The ELM requirement is satisfied by this course *only if* the student has already attempted and failed the ELM.