
General Mathematics Studies

In the College of Arts and Letters

OFFICE: Storm Hall West 141
TELEPHONE: 619-594-2225 / FAX: 619-594-6530

Faculty
Chair: McClish
Lecturer: Quan

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*. 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.

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

Courses (GMS)

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

EARLY START PROGRAM (Non-Baccalaureate Credit)

Beginning with the class of 2012, the California State University (CSU) has enacted a systemwide mandatory Early Start Program for entering resident CSU freshmen who need remediation in mathematics. Students attending another CSU campus may enroll in the Early Start Program at SDSU. The following course is being offered for service students needing remediation who are enrolling in another CSU campus in the fall semester.

ESM 96. Algebra Review (1) Cr/NC

Prerequisite: A score of 49 and below on the ELM.
Mini-course reviewing basic number sense, data analysis, geometry, and topics from algebra. Meets CSU Early Start Program requirement for CSU students (not continuing at SDSU).

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 90. Fundamentals of Mathematics (3) Cr/NC

Prerequisite: A score below 41 on the CSU Entry-Level Mathematics Examination (ELM), the General Mathematics Studies diagnostic test, or other standardized mathematics examination.

Review of pre-algebra and elementary algebra in fall and spring semesters, topics from geometry covered in adjunct workshops (General Mathematics Studies 98A). Students earning "Cr" (credit) should enroll in 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.

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

Prerequisite: Credit in General Mathematics Studies 90 or a score of 41-49 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 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. Geometry Workshop

B. Selected Mathematics Topics

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