

California State University
Northridge
Liberal Studies Program
Math Information Sheet

Liberal Studies students who plan to become elementary or special education teachers must complete Math 210, 310, and 310Lab* for the major. To take a Math course at CSUN, students must:

1. Pass the ELM (Entry Level Mathematics) exam **OR**
2. Pass the appropriate developmental math course(s) at CSUN as determined by the ELM score **OR**
3. Earn an exemption from the ELM by:
 - a) completing a course on the California State University, General Education Certification list with a "C" or better **OR**
 - b) earning a qualifying score on the SAT, ACT, or College Board AP exam (please review the "Special Tests" section in the CSUN Schedule of Classes).

**Math 310 Lab may be taken concurrently or after completion of Math 310.*

NOTE: To be eligible for Math 310 and 310Lab at CSUN, students must have:

1. Passed Math 210 or the equivalent with a "C" or better AND
2. Passed or be exempt from the ELM

ELM Scoring Information

Score of 50 or above: passing

Score between 34 and 49: take Math 093 (5 units)

Score below 34: take Math 092 (3 units) and 093 (5 units)

Note: If the ELM test was taken prior to 3/23/2002, please consult with Developmental Mathematics Program at (818) 677-2231.

Course Exemption Information

Students who have completed a Math course on the California State University, General Education Certification list at a community college with a "C" or better will be exempt from the ELM. To find out whether the math course you have completed is on the General Education Certification list, please visit <http://www.assist.org/> or check your community college catalog. At **some** community colleges, the Math 210 equivalent is on that General Education Certification list. In such cases, students who complete the Math 210 equivalent with a "C" or better can transfer to CSUN and move directly into Math 310 without taking the ELM.

Please Note: The Office of Admissions & Records will check your transcripts automatically for your ELM exemption eligibility. If you think that you have completed a course that should provide you with an ELM exemption and you are unable to enroll in Math 210 or 310, you should contact the Admissions & Records Office directly at (818) 677-3700.

Entry Level Math Exam Frequently Asked Questions

Q: What is the ELM and what are the topics on the ELM exam?

A: The Entry Level Mathematics examination is designed to assess the mathematical skill levels of entering CSU students. ELM topics include numbers and data, algebra, and geometry.

Q: How do I prepare for the ELM?

A: Currently, there are two resources available:

1. WWW.calstate.edu/arfom/pdf - Focus on Mathematics can be found at this website. This publication gives specifications for the new ELM, shows scoring, subscores, and some sample problems.
2. WWW.calstate.edu/ar/ - The ELM Problem Book is now available free of charge. Go to the website and click on the words ELM Problem Book where you will find 14 sample problems and answers. These problems are similar to the ones found in the ELM test.

Q: Where can I get more information and/or register for the ELM?

A: Students can obtain more information and register for the ELM at the Testing Center (Student Services Bldg. 225) or by calling (818) 677-2369.

Q: What happens if I do not pass the ELM?

A: Depending on your score you may be required to take up to two CSUN developmental math courses. NOTE- students always have the option of taking an appropriate math course at the community college that provides an exemption of the ELM.

Q: Can I take the ELM more than once?

A: Even though the ELM is an assessment exam, CSUN may allow you to retake the exam provided that you have taken steps to improve your skills.

Q: Why won't (TTR) Touch Tone Registration let me register for Math 310?

A: Here are a few common reasons why you may not be able to register for Math 310:

- The course section you requested could be full.
- You earned a grade lower than a "C" in Math 210.
- You have not met the ELM requirement. Please refer to the front side of this handout for ELM scoring and exemption information.
- Your records/transcripts may not be updated with Admissions & Records.

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