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STEM Gateway Program

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UNM

STEM
GATEWAY
PROGRAM



STEM GATEWAY



The STEM Gateway program opens wide the gates to graduation for Hispanic and low income students. By focusing resources on undergraduate science and math courses that traditionally have low student success rates, UNM provides richer learning opportunities for students and increases the number of students attaining degrees in science, technology, engineering and mathematics (STEM).

PROGRAM INITIATIVES

- **Gateway Science and Math Course Reform:** Faculty-driven projects designed to change instruction and curriculum to better serve low-income and minority students.
- **Peer Learning Facilitators:** Peer-assisted collaborative learning activities in large gateway sections. The assistance of peer learning facilitators allows instructors to incorporate a wider variety of effective instructional strategies.
- **STEM Student Interest Groups:** One-credit shadow seminar courses that connect core STEM courses to other STEM majors. These courses introduce students to the connections between STEM disciplines, while encouraging them to explore their own career and professional interests.
- **Data-driven Prioritization:** Data collection and analysis to assist UNM in better understanding the course-taking patterns and success rates of UNM students and CNM transfers in relation to STEM degree attainment.

The STEM Gateway program is funded through a U.S. Department of Education TITLE V grant, 2011-2016, 100% grant funded (total anticipated funding \$3.82 million).



PROGRAM GOALS

The STEM Gateway program monitors and supports the following objectives:

- Improved **course completion and course success rates** in STEM disciplines by Hispanic and low-income students
- Improved **fall-to-fall retention rates** for Hispanic and low-income students in STEM majors
- Improved **graduation rates** for Hispanic and low-income students with STEM degrees

