

Mathematics, Engineering, Science Achievement (MESA)

Purpose and Goals

MESA helps underserved and underrepresented students majoring in calculus-based science, technology, engineering, and mathematics (STEM) fields who seek to transfer to a four-year institution. MESA produces a diverse population of transfer-ready students to advance their STEM educational journeys to 4-year university programs.

Student Population Served

The MESA program is an academic support and professional development program for financially disadvantaged (receiving need-based financial aid) and educationally disadvantaged (first-generation) students who are working toward calculus-based science, technology, engineering, and mathematics (STEM) degrees and seek to transfer to a four-year institution.

Number of Students Served Annually and Capacity

The number of students in the first student cohort of MESA is 120. MESA continuously accepts applications for new cohorts for upcoming semesters. By the end of 2027 the goal is to have 500 MESA students.

High-Impact Interventions

MESA provides Academic Excellence Workshops, MESA tutoring, dedicated space (MESA Center) for MESA students, dedicated STEM academic counseling and transfer assistance through the MESA Counselor, early alert through EAB/Navigate, and mentorship.

Intended Impacts and Measured Outcomes

We intend that MESA students are engaged, feel a sense of belonging in STEM and within the college, and have increased confidence in their academic and professional journey.

Did You Know?

MESA students are clustered in STEM classes to encourage and motivate the use of study groups while increasing critical thinking, conceptual understanding and reasoning skills, yielding self-confidence and higher achievement. MESA collaborates with interested STEM faculty to provide Academic Excellence Workshops (AEWs) that enhance learning by developing problem-solving skills, critical thinking skills, and creating a community of learning.

