

College of San Mateo

METaS Project
(HSI-STEM Plus)

Overall Goal: To improve the success, retention, and completion of Hispanic and low-income STEM students at the College of San Mateo

Four Strategy Response and Related Activities and Services:

- 1) *Develop and/or improve key STEM program services and activities*
 - Individualized student coaching
 - Math/Science Jams
 - Training Supplemental Instruction (SI) leaders/tutors for gateway courses
- 2) *Expand STEM transfer and articulation*
 - Puente Project
 - Develop transfer programs for Engineering and Astronomy
 - Bridges to Baccalaureate with San Francisco State University
- 3) *Update STEM curriculum and related technology*
 - Revise courses to incorporate undergraduate research components
 - Upgrade technology to support improvements in STEM courses
- 4) *Provide STEM-focused professional development opportunities*

Expected Outcomes:

- Increased enrollment of Hispanic and low-income STEM students
- Increased semester-to-semester persistence
- Increased retention and graduation
- Increased percentage of STEM degree students transferring into STEM fields at four-year institutions
- Increased percentage of Hispanic and low-income participants who successfully completed gateway courses
- Decreased percentage of Hispanic and low-income students on academic probation

Contact:

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