STEM Education & Practical Training

The San Francisco Bay Area: a hub for STEM jobs
Offering 25 programs in STEM (Science, Technology, Engineering and Math) fields, California State University, East Bay is situated in the technological center of California—the San Francisco Bay Area. According to Forbes* magazine, “In the immediate future, no place will challenge the Bay Area as the mecca of technology and STEM employment.” Given the shortage of qualified STEM workers in the Bay Area, Cal State East Bay’s location just a 30-40 minute drive from San Francisco and Silicon Valley is ideal for students looking for practical training in the field.

STEM Undergraduate Degrees
- Biochemistry, B.A., B.S.
- Biological Science, B.A., B.S.
- Chemistry, B.A., B.S.
- Computer Engineering, B.S.
- Computer Science, B.S.
- Environmental Science, B.S.
- Environmental Studies, B.A.
- Geology, B.A., B.S.
- Industrial Engineering, B.S.
- Mathematics, B.S.
- Physics, B.A., B.S.
- Statistics, B.S.

STEM Graduate Degrees
- Biological Science, M.S., M.A.
- Biostatistics, M.S.
- Business Analytics, M.S.
- Chemistry, M.S.
- Computer Science, M.S.
- Educational Technology, M.S.
- Engineering Management, M.S.
- Environmental Geosciences, M.S.
- Marine Science, M.S.
- Mathematics, M.S.
- Multimedia, M.A.
- Statistics, M.S.

STEM Graduate Certificates
- Biotechnology

STEM Optional Practical Training
- All eligible F-1 nonimmigrant students may apply for 12 months of Post Completion Optional Practical Training (OPT) at the completion of their degree.
- Those with STEM degrees from Student and Exchange Visitor Program (SEVP)-certified and accredited U.S. colleges and universities may apply for a 24-month STEM OPT extension to their Post Completion OPT.
- STEM extensions of OPT promote the ability of international students to gain valuable and practical STEM experience that supplements the knowledge gained through their academic studies.
- By applying their academic knowledge in a STEM OPT extension, students will be in a better position to begin careers in their fields of study.
- In summary, F-1 students in good standing and studying one of the STEM fields listed at the right at Cal State East Bay are eligible to work in the U.S. for up to three years following the conclusion of each degree.