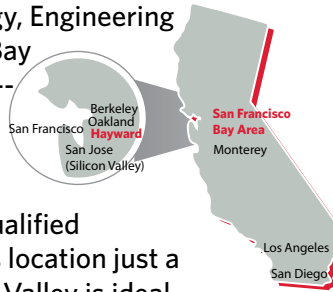


STEM Education & Practical Training

CAL STATE
EAST BAY

The San Francisco Bay Area: a hub for STEM jobs

Offering 26 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.



STAND OUT TO YOUR FUTURE EMPLOYER

Through the Career Awareness and Preparation Program (CAPP), the Institute for STEM Education at CSUEB offers work-based learning opportunities for students to learn about the variety of STEM industries that make the Bay Area a global leader in innovation. We'll show you how to stand out and get hired in your dream job by teaching you actual job skills that employers are looking for!



- **Site Tours**

Get exclusive behind-the-scenes access to industries, meet casually with business professionals, explore career option. Site visits are held on Fridays ending with the weekly "Tea Time with Dean" hosted by the College of Science. Recent site and upcoming tours include Baxter International, Lawrence Berkeley National Labs, Boehringer Ingelheim, and Genentech.

- **Job Shadowing**

An expansion of site tours, spend a day or more at a company learning about different STEM professions.

- **Training-to-Hiring Workshops**

Craft a cover letter and resume that will help you stand out. The workshops will be linked to an available internship. Students will then compete to have their portfolios sent to hiring managers.

"I recently attended the resume and cover letter workshop. Through my excellent resume, cover letter, and interview skills I was able to get an internship at Genentech one of the biggest biotech companies. I believe attending this workshop played a big role in the hiring process." - Diana P.

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.
Construction Management, 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.
Construction Management, M.S.
Educational Technology, M.S.
Engineering Management, M.S.
Environmental Geosciences, M.S.
Interaction Design and Interactive Art, M.A.
Marine Science, M.S.
Mathematics, M.S.
Statistics, M.S.

Not all degrees are offered every term.
Subject to space availability.

APPLY TODAY!

California State University, East Bay

International Admissions Office

25800 Carlos Bee Blvd., SF-102

Hayward, CA 94542

Tel: (510) 885-7571; Fax: (510) 885-2325

E-mail: iao@csueastbay.edu

Web: www.csueastbay.edu/IAO



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 degrees from accredited U.S. colleges and universities in Student and Exchange Visitor Program (SEVP)-certified STEM programs (for list of approved STEM programs see: <https://www.ice.gov/sites/default/files/documents/Document/2016/stem-list.pdf>) may apply for a 24-month STEM OPT extension to their Post Completion OPT.
- Interested F-1 students must apply for and receive an Employment Authorization Document (EAD) from U.S. Citizenship and Immigration Services (USCIS).
- 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 offered at Cal State East Bay are eligible to apply to work in the U.S. for up to three years following the conclusion of each higher degree level.

What CSUEB students say about their STEM OPT experience



“The MS Business Analytics Program at CSUEB is really a good choice for those who want to start their career in the field of business analytics and get involved in the world’s trend of big data and machine learning. Because of the program’s perfect combination of well-organized course structure and abundant contents, not to mention the dedicated professors and instructors, any self-motivated student can easily become either a data analyst or a data engineer, I am currently interning in a start-up cellphone gaming company Cloudcade as a business intelligence analyst in San Francisco, which gives me the chance to apply my analytic skills to practical problem and get to know the industry trends. I’m glad I chose the MSBA Program at CSUEB.”

Jian D., China, MS Business Analytics, OPT & STEM OPT: Cloudcade



“The most valuable aspect of the Master of Engineering Management program at CSUEB is the multi-disciplinary approach geared towards business and management acumen with the flexibility to choose from a wide range of technical concentrations. The interactions with multi-disciplinary students promote problem solving from different perspectives; industry specific examples from professors help to relate specific management techniques to the real industry problems and applications. This well-balanced program helped me get an internship and then also get hired full-time at Logitech Inc. My program at Cal State East Bay encouraged me to think outside the box and come up with new ideas, along with the engineering mind-set and this helped me put myself on the right career path.”

Mayuri F., India, MS Engineering Management, OPT & STEM OPT: Logitech



“The school being close to Silicon Valley provided me with the opportunity to meet Silicon Valley’s work force and expand my network. During my master’s, I worked as a Software Engineer intern at Bay Area Rapid Transit (BART). This internship was a great intermediate step preparing me to move into Silicon Valley. Right after graduation I started my OPT internship at a large global software company, SAP.”

**Pakan P., Iran, MS Computer Science
CPT: BART (Bay Area Rapid Transit)
OPT & STEM OPT: SAP**

Top 3 Fields of Study for STEM OPT at CSUEB	
MS Computer Science / Computer Networks	160
MS Engineering Management	32
MS Statistics	15

