MASTER OF SCIENCE

Electrical Engineering

- Imagine Your Opportunities & Possibilities

- Accelerate Your Career Path

- Increase Your Marketability & Competitiveness

- Enhance Key Skill Areas and Salary Potential

SAN FRANCISCO BAY UNIVERSITY

Specialized Skills

SFBU frequently reviews course content and updates such content based on the latest technological developments and changes in the professional skills the industry demands. Students are better prepared for the real world because SFBU emphasizes hands-on learning.

Improved Job Prospects

An MSEE degree from SFBU prepares you for a career in the fields of embedded systems design, development, and application. The surge in popularity and implementation of Artificial Intelligence (AI) and Internet of Things (IoT) has created a large demand for electrical engineers who have knowledge and hands-on experience in designing and developing the electronics that control and process data on smart devices. SFBU meets this demand by educating students who want to succeed and contribute to the Silicon Valley community.

Opportunities for Innovation

A graduate degree in Electrical Engineering unlocks limitless possibilities for those who crave innovation and career advancement. Students not only acquire knowledge in modern electronics and embedded system technologies but also cultivate abilities in designing, simulating, and integrating the engineering subjects learned. They are encouraged to apply their knowledge and skills to course projects that match industry trends.

Curriculum Sampler

CE450G	Fundamentals of Embedded Engineering
CE521	Real-Time Systems and Programming
EE461G	Digital Design and HDL
EE517	Introduction to the Internet of Things
EE520	Advanced FPGA Design and Implementations
EE553	System on Chip (SoC) Design
EE577	Design Verification with SystemVerilog

Learn Key Technologies

- Embedded Systems Engineering

- Internet of Things (IoT)

- Machine Learning & AI

- Python Programming

- Advanced Digital IC Design

- Multi-core Computing

WE ARE SFBU THE BAY

SAN FRANCISCO BAY
U N I V E R S I T Y

**For more information about
Master of Science in
Electrical Engineering**

———

(510) 803-SFBU EX. 1

admissions@sfbu.edu

**161 Mission Falls Ln.
Fremont, CA 94539, USA**

WWW.SFBU.EDU

Scholarships & Grants Available

SFBU offers generous scholarships and grants that can make your degree practically FREE. Apply for scholarships that offer up to full tuition discounts. Available for qualified domestic and international students.

WSCUC Accreditation

San Francisco Bay University is accredited by the WASC Senior College and University Commission (WSCUC), 1080 Marina Village Pkwy, Suite 500, Alameda, California 94501, (510) 748-9001.

Knowledge From Industry Experts

SFBU's faculty members are professionals with considerable work experience in the tech industry. They freely share this experience with students in a collaborative environment that promotes knowledge sharing and the development of real-world applications.

"Studying at SFBU is really wonderful. We have excellent professors, who give informative intellectual lectures and offer great guidance to students."

Ling Chen, SFBU Student