



STEM Advantage Scholars program & Freshmen STEM Career Pathways program information session

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STEM Advantage Scholars program

Vision: To build a **diverse, equitable, and inclusive** skilled workforce

Mission: Mentor, prepare and inspire **women and underserved communities** to pursue STEM careers through a comprehensive program that includes:

Paid Internships

50+ corporate partnerships

1-to-1 Mentorships

100% of scholars paired with a mentor in a STEM field

Scholarships

\$1.9M awarded to graduate with less student debt

Professional Development & Career Panels

~25 workshops per year

Community

Support and belonging with role models and “Pay It Forward” model

If they can see it, they can be it!





STEM ADVANTAGE SCHOLARS program

ELIGIBILITY

REQUIREMENTS

Application is due Oct 10

STEM Advantage Scholars **application is due October 10**

To qualify, students must meet the following criteria:

- US Citizen or Permanent Legal Resident. DACA students may apply; however, internship opportunities may be limited.
- Be enrolled as a **full-time undergraduate** student at one of these CSU campuses in Fall 2022:

CSU Dominguez Hills	CSU Northridge
CSU Fullerton	Cal Poly Pomona
CSU Long Beach	Cal State San Marcos
CSU Los Angeles	San Diego State University
- Be pursuing a **bachelor's degree** in:
 - Computer Science
 - Software Engineering
 - Computer Information Systems
 - Computer Technology
 - Computer Engineering
 - Information Technology
 - Mathematics
 - Engineering – Aerospace, Biomedical, Chemical, Civil, Electrical, Mechanical
 - Or a related field, i.e., the “TEM” part of STEM
- Be a sophomore, junior, rising senior or senior.
- **Must be graduating college on or before May 2025.**
- Must have and maintain a cumulative **GPA of 3.0 or above.**

Application link: <https://stem.smapply.io>

If you do not meet the criteria and want to participate in the Freshmen STEM Career Pathways program, please send an email to info@stemadvantage.org



STEM ADVANTAGE SCHOLARS program APPLICATION

Application is due Oct 10

To apply for the STEM Advantage Scholars program, you'll need:

- Demographic and Education information
- Financial aid information – does **not** affect eligibility; used to understand students we serve
- Current and prior work experience (can pull from your resume)
- Leadership roles and/or Community service (can pull from your resume)
- Internship interest areas and Programming languages
- Essay: What are your short- and long-term career goals? 250 words (more space if needed)
- Essay: Why do you want to be selected for the STEM Advantage program? If selected, how will you “pay it forward”? 250 words (more space if needed)
- Optional Essay: If selected as a Scholar you will be paired with a mentor. What do you hope to get from a mentor and what are some of your preferences for a mentor? For example, someone in my major and same gender, a recent graduate who has made the college to career transition, someone who has worked in the industry for 10+ years. 250 words
- Optional Essay: Is there anything else you would like to share that may help us evaluate your application? For example, personal characteristics, family circumstances or obstacles you have overcome. 250 words (more space if needed)
- Faculty Member Recommendation Letter from someone at your CSU or Community College campus, if you recently transferred to the CSU – to attach
- Additional Recommendation from an individual who can speak to your abilities and character outside of the classroom. This can be an employer, a member of your community, someone you have worked with as a volunteer, a prior Scholar, ... – to attach
- Photo - to attach
- Resume – to attach
- Unofficial transcript – to attach

You may save and return to the application.

General questions, including questions about the application: info@stemadvantage.org

Freshmen STEM Career Pathways program (launched 2021)

Engage first-year college students, especially women, Black and Latinx students, provide exposure to STEM career opportunities, and drive persistence in a STEM major

Programs available to students throughout the full cycle of the program include:

Professional Development

- Technical & coding interviews
- Creating Personal Financial Stability
- Communication skills
- Overcoming Imposter Syndrome
- Resume writing
- Resume reviews
- Interviewing tips
- Mock interviews
- Building a LinkedIn profile
- Career enhancing certifications
- Building your Brand
- Preparing for your Internship
- Networking
- Balancing School, Work & Family
- Career Advancement

Industry Career Panels

STEM in...

- Media & Entertainment
- Aerospace
- Biotech & Healthcare
- Consulting
- Insurance & Financial Services
- Manufacturing & Logistics
- Technology companies
- Software Development careers
- Security careers
- Data Analytics careers
- Project management & Agile
- IT careers

Mentoring Circles

Community & Belonging



FRESHMEN STEM CAREER PATHWAYS program ELIGIBILITY REQUIREMENTS & ENROLLMENT

Enrollment is due Oct 10

Freshmen STEM Career Pathways program enrollment is due October 10

To enroll, students must meet the following criteria:

- US Citizen, Permanent Legal Resident, or DACA student.
- Be enrolled as a **Freshman** at one of these CSU campuses in Fall 2022:

CSU Dominguez Hills	CSU Northridge
CSU Fullerton	Cal Poly Pomona
CSU Long Beach	Cal State San Marcos
CSU Los Angeles	San Diego State University
- Be pursuing a **bachelor's degree** in:

Computer Science	Computer Engineering
Software Engineering	Computer Information Systems
Computer Technology	Information Technology
Mathematics	
Engineering – Aerospace, Biomedical, Chemical, Civil, Electrical, Mechanical	
Or a related field, i.e., the “TEM” part of STEM	
- Note, sophomores, juniors and seniors who do not meet the criteria for the STEM Advantage Scholars program and want to participate in the Freshmen STEM Career Pathways program may do so. Please send an email to info@stemadvantage.org

Enrollment form: <https://stem.smapply.io>

To enroll in the Freshmen STEM Career Pathways program, you'll need:

- Demographic and Education information
- Financial aid information – does **not** affect eligibility; used to understand students we serve
- Interest areas
- Optional Essay: Tell us a little about your background and what you would like to get out of this program. 250 words (more space if needed)
- Photo - to attach

You may save and return to the application. General questions: info@stemadvantage.org

QUESTIONS?



If they can see it, they can be it!

Contact info@stemadvantage.org