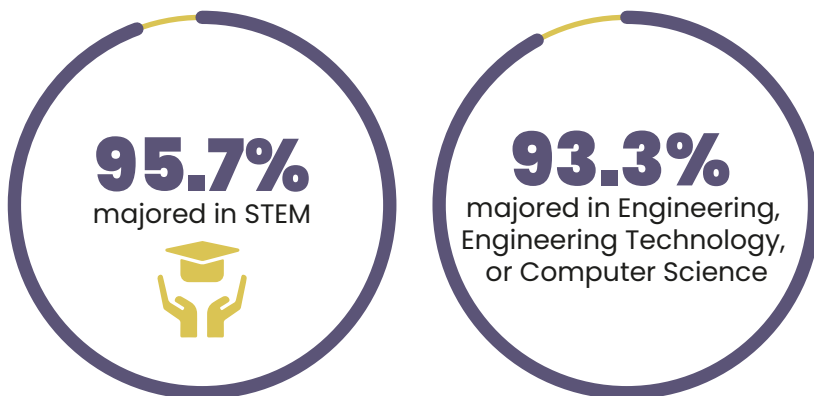


THE IMPACT OF **SWE SCHOLARSHIPS** ON WOMEN'S RETENTION IN **ENGINEERING AND COMPUTER SCIENCE**

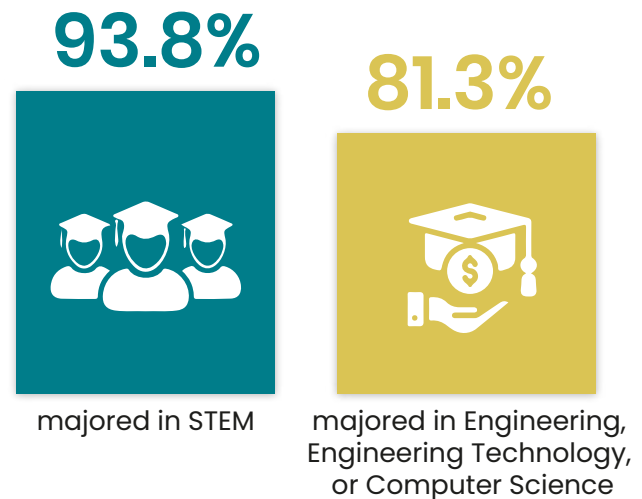
SWE SCHOLARSHIPS Support Women's Success in STEM

Research shows that almost half of women who begin in a STEM bachelor's degree program do not graduate in STEM.* The high success rate of SWE scholarship recipients illustrates the impact of scholarships on women's retention in STEM degree programs:

AMONG BACHELOR'S DEGREE RECIPIENTS



AMONG MASTER'S OR PH.D. RECIPIENTS



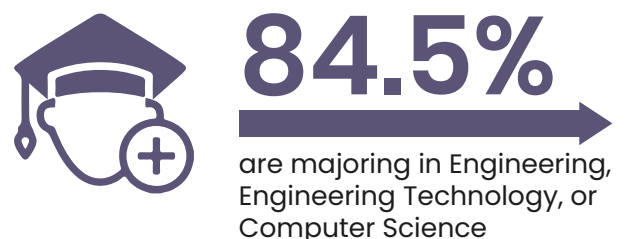
Top Bachelor's degrees Earned by **SWE SCHOLARSHIP** Recipients

01 — Mechanical Engineering

02 — Chemical Engineering

03 — Electrical Engineering

Of **SWE SCHOLARSHIP** recipients enrolled in a bachelor's degree program in Fall 2023



Of **SWE SCHOLARSHIP** recipients enrolled in a graduate degree program (includes master's or PhD) in Fall 2023

85.7%
are majoring in STEM



71.4%
are majoring in
Engineering, Engineering
Technology, or Computer
Science



Of **SWE SCHOLARSHIP** recipients from 2017–2023 who enrolled in bachelor's degree programs

87.7% are either still enrolled** in
or have graduated with a STEM bachelor's degree

84.7% are either still enrolled** in
or have graduated with an engineering, engineering
technology, or computer science bachelor's degree

**Enrollment Status as of Fall 2023.

METHODOLOGY

This study focused on examining the impact of SWE scholarships on women's degree outcomes over the period from 2017 to 2023. Data were sourced from the National Student Clearinghouse (NSC), which covers 97% of colleges in the United States, ensuring a comprehensive and representative dataset. An underlying assumption was made that all SWE scholarship recipients intended to earn degrees in Computer Sciences, Engineering, or Engineering Technologies. STEM majors were identified based on NSF STEM CIP codes used for the LSAMP program.

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*Chen, X. (2013). *STEM Attrition: College Students' Paths Into and Out of STEM Fields* (NCES 2014-001). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.