

EMACS SCHOLARS PROGRAM

The Emerging Mathematics and Computer Science (EMACS) Scholars Program is a Kutztown University program funded by the National Science Foundation (NSF) to support academically talented students with financial need in their pursuit of degrees in Mathematics, Computer Science, and Information Technology.

The Emerging Mathematics and Computer Science (EMACS) Scholars Program at Kutztown University has many key features, including:

- Generous financial support.
- A Living Learning Community in which all scholars live in the same residence hall and take many of the same classes. Scholars may choose to room with a student not in the program. Exceptions to the housing requirement for transfer students may be considered on a case-by-case basis.
- Numerous academic and social opportunities.
- Support in the form of peer tutors, faculty mentors, and industry mentors.

Have questions not answered below? Please [contact us!](mailto:EMACS@kutztown.edu) (<mailto:EMACS@kutztown.edu>).

The EMACS Scholars Program is funded by S-STEM Award 2029357 from the National Science Foundation (NSF).

APPLY TO BE AN EMACS SCHOLAR!
([HTTPS://FORMS.OFFICE.COM/PAGES/RESPONSEPAGE.ASPX?ID=R1THA6EJCKU9S9TOFGXFPJO4-UYDKAJKMKLXH2E2GKXUNK9JMKCXVK9ZTTHRJVVJUVJBULRINUJVMYQLQCN0PWCU](https://forms.office.com/Pages/ResponsePage.aspx?ID=R1THA6EJCKU9S9TOFGXFPJO4-UYDKAJKMKLXH2E2GKXUNK9JMKCXVK9ZTTHRJVVJUVJBULRINUJVMYQLQCN0PWCU))

Full PHEAA State Grant	-\$4,894
Estimated Annual Actual Expense	=\$2,456 (students may qualify for additional aid)

**KUTZTOWN UNIVERSITY OFFICE OF FINANCIAL AID: CALL 610-683-4077
(/ABOUT-KU/ADMINISTRATIVE-OFFICES/FINANCIAL-AID.HTML)**

PROGRAM ELIGIBILITY INFORMATION

To be considered for the EMACS Scholars Program, students must:

- be U.S. citizens, nationals, or permanent residents,
- demonstrate academic ability and commitment (possible evidence could include high school GPA, SAT scores, application essays, and letters of recommendation),
- be eligible for a Pell Grant as determined by the FAFSA form,
- be admitted to Kutztown University, and
- intend to major in Mathematics, Computer Science, Information Technology, or Game Development.

Please note that students MUST complete their FAFSA (/about-ku/administrative-offices/financial-aid.html) and be eligible for a Pell Grant before they can be accepted into the EMACS Scholars Program.

PROGRAM APPLICATION INFORMATION

The EMACS Scholars Program will have two deadlines to consider applications for students enrolling in Fall 2023.

- Apply by December 1, 2022 to guarantee early consideration.
- Apply by March 1, 2023 to guarantee consideration - after March 1, we will continue to accept applications until all positions are filled.

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(HTTPS://FORMS.OFFICE.COM/PAGES/RESPONSEPAGE.ASPX?
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CN0PWCU)**

Program

- [B.S. Mathematics \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/mathematics/academic-programs/bachelor-of-science-in-mathematics.html\)](#)
- [Minor in Mathematics \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/mathematics/academic-programs.html\)](#)
- [Minor in Actuarial Science \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/mathematics/academic-programs/minor-in-actuarial-sciences.html\)](#)

- [B.S. Computer Science \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/computer-science-and-information-technology/undergraduate-programs/bachelor-of-science-in-computer-science.html\)](#)
- [B.S. Information Technology \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/computer-science-and-information-technology/undergraduate-programs/bachelor-of-science-in-information-technology.html\)](#)
- [B.S. Game Development \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/computer-science-and-information-technology/undergraduate-programs/bachelor-of-science-in-game-development.html\)](#)
- [Minor in Computer Science \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/computer-science-and-information-technology/undergraduate-programs/minors.html\)](#)
- [Minor in Game Development \(/academics/colleges-and-departments/liberal-arts-and-sciences/departments/computer-science-and-information-technology/undergraduate-programs/minors.html\)](#)

<p>Highli ghted Cours e Oppo rtuniti es</p>	<ul style="list-style-type: none"> • Combinatorics • Cryptography • Number Theory • Operations Research • Ordinary and Partial Differential Equations • Probability and Statistics 	<ul style="list-style-type: none"> • Software Engineering • Mobile Architecture and Apps • Data Mining and Predictive Analysis • Game Development • Security • A.I. and Robotics • Web Development • Networks, Database, and System Administration
<p>Stude nt Clubs</p>	<ul style="list-style-type: none"> • <u>Association for Women in Mathematics</u> (https://www.kutztown.edu/academics/colleges-and-departments/liberal-arts-and-sciences/departments/mathematics/student-clubs-and-opportunities/association-for-women-in-mathematics.html) • <u>Math Club</u> (https://www.kutztown.edu/academics/colleges-and-departments/liberal-arts-and-sciences/departments/mathematics/student-clubs-and-opportunities/math-club.html) • <u>Statistics and Actuarial Science Club</u> (https://www.kutztown.edu/academics/colleges-and-departments/liberal-arts-and-sciences/departments/mathematics/student-clubs-and-opportunities/statistics-and-actuarial-science-club.html) 	<ul style="list-style-type: none"> • Computer Programming Club • <u>eSports Club</u> (https://engage.kutztown.edu/organization/esports) • <u>Kutztown Technology Association</u> (https://acad.kutztown.edu/kta/) • Women in STEM

