S-STEM Scholars Program

Up to $10,000 scholarship per year for up to 3 years for students with unmet financial need and a GPA greater than 3.25.

If you are interested in pursuing a BS/MS degree in Artificial Intelligence, we will provide up to $10,000, depending on project criteria.

Project Investigators: D. Pados, N. Romance, H. Zhu, S. Batalama, J. Hashemi

What is the STEM Scholars Program?

- All qualified engineering students from all departments and programs may apply to receive financial assistance of up to $10,000 per year towards a Bachelors degree (in their current field) and a Masters degree in Artificial Intelligence.

- This is a BS/MS program sponsored by the National Science Foundation

- The financial support will start in the junior year and will continue through completion of Masters (maximum of three years)

Who Supports the Program and What are the Objectives?

- The program for STEM SCHOLARS is supported by National Science Foundation (NSF) and Florida Atlantic University (FAU)

- The objective of the program is to provide financial assistance, as well as curricular and co-curricular support, to undergraduate students to complete their BS degree requirements in a timely manner and pursue a Masters degree in Artificial Intelligence – BS/MS degree

Why a Masters in Artificial Intelligence?

- Rapid growth in AI job opportunities across all engineering fields (491,700 jobs by 2026)

- More jobs requiring MS degrees – especially in AI

- National Artificial Intelligence Act - AI workforce will grow and salaries will be high

- Continuation of any undergraduate engineering degree with a masters in AI will create tremendous opportunities for growth and professional development

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What Opportunities are Offered to the STEM Scholars?

- Financial support of up to $10,000 per year for three years (Maximum of $30,000)
- Student success seminars – speakers from industry and academia - networking
- Undergraduate research opportunities with FAU faculty
- Internship opportunities with leading industries
- Mentoring for financial planning, career planning, and maximizing success
- Becoming part of the S-STEM Cohort 5

Who is Eligible for this BS/MS Program?

- Students must demonstrate financial need and be classified as such by Department of Education Title III guidelines

- All engineering students from all departments and Programs with Jr or Sr standing

- A GPA of 3.25 and above

- Interest in pursuing a Masters in Artificial Intelligence as an extension to your Bachelors in your respective field

What is Required from the Stem Scholars?

- Complete your BS degree requirements in two years after receiving financial support

- Maintain a GPA of 3.25 and above

- Continue towards a Masters in AI

- Complete your Masters (BS/MS program) in one year

Consent Waiver – Verbal Script

NSF S STEM Project

Making the Masters' Degree in AI Accessible to High Achieving Low Income Students

Investigators

Dr. Dimitrios Pados, Principal Investigator

Dr. Javad Hashemi, Co-Principal Investigator

Dr. Nancy Romance, Co-Principal Investigator

Dr. Xingquan Zhu, Co-Principal Investigator

Dr. Stella Batalama, Co-Principal Investigator

Thank you for your interest in participating in our S-STEM research study funded by National Science Foundation's grant to Florida Atlantic University. The purpose of the study is to increase the number of high-achieving, low-income students that meet the project criteria and who enroll in and complete a 3-year accelerated BS/MS degree program (starting in the junior year) in Artificial Intelligence (AI) in the College of Engineering and Computer Science at FAU. The project will provide scholarships for selected participants as well as a system of curricular and co-curricular experiences that are designed to support your completion of the BS-Engineering and MS-Artificial Intelligence degree programs.

Consent Waiver – Verbal Script Cont'd

In addition to scholarships, the S STEM Scholars will be provided with a system of supports that includes hierarchical mentoring teams, faculty-supervised undergraduate research, career/workforce development activities, and financial literacy education. These activities have been identified as high impact practices and are known to support Scholars' success, retention and timely graduation in the BS/MS degree program in AI. These project activities will be implemented, adapted and evaluated throughout the project and will be coordinated through an ongoing Success Seminar series.

During the S STEM recruitment event, the project will collect applications from interested students and compile an eligibility pool from which the participants will be selected. *By completing the S-STEM application, you are giving consent to the research team to collect general student data including student GPA, grades, retention, graduation, post-graduation status and occasional surveys (e.g., your perceptions and satisfaction with the project) as well as ethnicity and gender.* The data will enable researchers to measure the success of the project supports identified above in terms of student success. All data will be strictly confidential and maintained in a secure database and used only in aggregate form by the research team who will prepare reports for the funding agency (NSF) as well as scholarly manuscripts advancing our knowledge about how to best prepare AI engineers who successfully earn a Masters' degree and are workforce ready.

Consent Waiver – Verbal Script Cont'd

Your participation in this research study is your choice and is strictly voluntary. You may skip any questions that make you feel uncomfortable and you are free to withdraw from the study at any time without penalty. The risks involved with participating in this S STEM Scholars study are no greater than those associated with normal every day activities. Potential benefits for those selected from the eligible pool are described above.

If you experience problems or have questions regarding your rights as a research subject, contact the Florida Atlantic University Division of Research at (561) 297-1383. For other questions about the study, you should call the principal investigator: Dr. Dimitrios Pados, (561) 297-2988.

How to Apply

- **Register on the following link and provide the requested information:**
  APPLY HERE

  Application Deadline: October 31, 2024

  You must use your FAU account to gain access to the registration form. For more information contact Dr. Javad Hashemi at jhashemi@fau.edu

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