Computer Science Minor Advising

Marlee Alvino

01
GUEST SPEAKER

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FOCUS AREAS

Focus Areas

Artificial Intelligence & Machine Learning

- Machine Learning
- Neural Networks & Deep Learning
- Artificial Intelligence Algorithms

Algorithms & Theory

- Algorithms
- Foundations of Computing
- Continuous Algorithms
- Game Theory

Computer Security, Privacy, & Cryptography

- Cryptography
- Computer Security
- Network Security
- Software Security
- Information Policy

Operating & Distributed Systems

- Systems Programming
- Operating Systems
- Computer Architecture
- Real-Time & Embedded Systems

Graphics

- Design of Computer Animation
- Computer Graphics
- Augmented & Virtual Reality
- Game Design & Programming
- Software Design for Handheld Devices

And more...

- Check out the CS Bulletin!

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MINOR REQUIREMENTS

The Breakdown

18 CREDITS

6 COURSES

4 REQUIREMENTS

2 ELECTIVES

Minor Requirements

1. Apply

- Apply no later than the start of your 5th semester, or completion of 60th credit, whichever comes later
- A grade of B or higher in CSCI 1111 or CSCI 1011 or CSCI 1012 or CSCI 1121
    - CSCI 1012 does not count towards the minor, but will allow you to apply for it
- A grade of B- or higher in Math 1231 or Math 1232 or in both Math 1220 and Math 1221.
- Minimum GPA of 3.0 at the time of application

2. Required Courses

- CSCI 1111 – Introduction to Software Development
- CSCI 1112 – Algorithms & Data Structures
- CSCI 1311 – Discrete Structures I
- CSCI 2113 – Software Engineering

3. Elective Courses

- 2 courses with CSCI 2113 as a prerequisite

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QUICK LINKS

Quick Links

1. **Minor** – https://cs.engineering.gwu.edu/minor-computer-science
2. **Double Major (BA)** – https://cs.engineering.gwu.edu/bachelor-arts-program
3. **Double Major (BS)** – https://cs.engineering.gwu.edu/bachelor-science-program
4. **Applications** – https://cs.engineering.gwu.edu/admission-computer-science-second-major-or-minor
5. **CS Bulletin** – https://bulletin.gwu.edu/courses/csci/

THANK YOU

Questions?

Thanks

Do you have any questions?

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