

# AI AND SOMETHING MORE

## ADD AN AI MINOR TO YOUR MAJOR

### AI: THEORY, METHODS, AND APPLICATIONS (AITMA) MINOR

Artificial Intelligence is transforming nearly every sector, from software and computer engineering to healthcare, business, finance, cybersecurity, manufacturing, transportation, and communications.

Open to students across engineering disciplines, including Electrical and Computer Engineering, this minor allows you to build advanced AI expertise without pursuing a second major. It complements your primary field of study and strengthens your technical portfolio.

#### What you will learn

- AI Theory: Understand how intelligence can be modeled mathematically and computationally.
- AI Methods: Learn the algorithms and techniques that power modern AI systems.
- AI Applications: Apply AI tools to real-world engineering problems in areas such as smart systems, automation, healthcare technologies, energy systems, and advanced computing.

#### Why earn the AITMA minor?

- Strengthen your resume with specialized AI credentials
- Differentiate yourself in a competitive job market
- Gain practical, hands-on experience building intelligent systems
- Position yourself not just to use AI tools, but to design and engineer them



## LEARN MORE

### Department of Electrical and Computer Engineering

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