

Decision Making and Intelligent Systems, Minor

The Minor in Decision Making and Intelligent Systems

Peter Schwarzmann, *Faculty Director*
Location: Porter Hall 319F
schwarzmann@cmu.edu

Connie Angermeier, *Senior Academic Program Manager and Advisor*
Location: Porter Hall 208H
cla2@andrew.cmu.edu
Schedule an appointment: <https://go.oncehub.com/ConnieAngermeier>
<https://www.cmu.edu/dietrich/sds/undergraduate/index.html> (<https://www.cmu.edu/dietrich/sds/undergraduate/>)

Integrating AI and Decision Making advanced course 9 units

88-436 Human-AI Complementarity for Decision Making 9

Overview

The future of artificial intelligence depends as much on understanding people as it does on building better algorithms. As intelligent systems become embedded in workplaces, healthcare, education, government, and everyday life, there is growing demand for professionals who understand not only what these systems can do, but also how they influence human judgment, trust, behavior, and decision making. The Decision Making and Intelligent Systems minor prepares students to bridge that gap.

Students explore the interaction between human intelligence and artificial intelligence through coursework in decision science, cognitive psychology, behavioral science, and AI. They examine how people and intelligent systems can work together effectively, how trust and decision making are shaped by AI, and how to design technologies that complement rather than replace human judgment. The minor equips students to bring a human-centered perspective to the development, evaluation, and responsible use of intelligent systems, regardless of their primary field of study.

Double Counting

Students may double-count two courses with another major or minor.

Curriculum

The minor consists of six courses, focusing on foundational topics in psychology, decision science, and AI.

Decision-Making core 18 units

		Units
88-120	Reason, Passion and Cognition	9
88-270	AI and Social Upheaval	9

AI Core 12 units

05-318	Human AI Interaction	12
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Electives 18 units

Complete two courses from the following list. At least one of the courses (9 units) must be a Social and Decision Sciences course (88-xxx) from the approved list.

80-249	AI, Society, and Humanity	9
84-350	A Strategist's Introduction to Artificial Intelligence	9
84-371	International Governance of Artificial Intelligence	9
85-213	Human Information Processing and Artificial Intelligence	9
85-414	Cognition in the Age of AI	9
88-230	Human Intelligence and Human Stupidity	9
88-231	Thinking in Person vs. Thinking Online	9
88-275	Bubbles: Data Science for Human Minds	9
88-302	Behavioral Decision Making	9
88-312	Decision Models and Games	9
88-367	Designing Economics Experiments in the Wild	9