

- ☐ Soph Sem (ISTE 99)
- ☐ Wellness #1
- ☐ Wellness #2

Artificial Intelligence Undergraduate Program

School of Information | Rochester Institute of Technology
2026-2027

- ☐ Writing Intensive
- ☐ Co-op #1
- ☐ Co-op #2

GCIS 123
Software Development and Problem Solving I

IDAI 101
AI Explorations

MATH 181
Calculus I (P-7A)

First Year Writing Intensive

Lib. Arts & Sciences
(P-3 Global)

GCIS 124
Soft. Dev. and Prob. Solving II
[GCIS-123]

IDAI 110
AI Tools and Techniques
[IDAI-101]

MATH 182
Calculus II (P-7B)
[MATH-181]

MATH 190
Discrete Math for Computing

PSYC 101
Intro to Psychology (P-6)

SWEN 261
Intro to Software Engineering
[GCIS-124]

IDAI 202
Problem Solving in AI
[IDAI-110 & GCIS-124]

MATH 251
Probability and Statistics
[MATH-182]

Lib. Arts & Sciences
(P-5 Nat. Science Inq.)

PSYC 223
Cognitive Psychology
[PSYC-101]

CSCI 331
Intro to AI
[IDAI-202 & MATH-251]

GCIS 350
AI and Law (1 credit)

ISTE 262
Found. of Human-Centered Computing

MATH 241
Linear Algebra
[MATH-190]

Lib. Arts & Sciences
(P-6 Scientific Princ.)

COMM 142
Intro to Technical Communications

CSCI 335
Machine Learning
[IDAI-202 & MATH-251]

IDAI 360
Optimization Algorithms
[IDAI-202 & MATH-241]

ISTE 476
Visual Analytics
[ISTE-262 & GCIS-124]

Free Elective #1

Liberal Arts and Sciences (Immersion-1)

LING-351
Lang Technology and Large Language Models
[GCIS-124]

IDAI 444
Reinforcement Learning and Interactive Machine Learning
[CSCI-335]

ISTE 230
Introduction to Database and Data Modeling
[GCIS-123]

Free Elective #2

Liberal Arts and Sciences (Immersion-2)

CSEC-521
Security of AI
[CSCI-335]

AI Elective
Advanced Course #1

AI Elective
Advanced Course #2

Lib. Arts & Sciences
(P-2 Ethical)

Liberal Arts and Sciences (Immersion-3)

IDAI 490
AI Team Capstone (WI-PR)
[4th year standing]

IDAI 485
Concurrent and Distributed AI
[IDAI-202 & MATH-241]

Lib. Arts & Sciences
(P-1 Artistic)

Free Elective #3

Free Elective #4

*[Prerequisites]

—Senior

—Junior

—Sophomore

—Freshman

Artificial Intelligence (AI-BS)

AY 2026-2027

AI Electives

Students matriculated in this degree will select two three-credit courses representing six semester hours of work. Approved AI Elective courses are listed below.

AI

CSCI-431 Introduction to Computer Vision
EEEE-485 Robotic Systems or CSCI-632 Mobile Robot Programming
LING-582 Natural Language Processing II
LING-584 Undergraduate Speech Processing
SWEN-566 AI Centric Software
PUBL-550 AI, Policy and Law