

# INFORMATION SCIENCE AND TECHNOLOGY INTERDISCIPLINARY MINOR

The Information Science and Technology Center (<http://istec.colostate.edu/>)

This Interdisciplinary Minor is sponsored by five departments in different colleges across CSU: Computer Information Systems, Computer Science, Electrical and Computer Engineering, Journalism and Media Communication, and English. The minor is designed for students seeking a broad foundation in information technology, but not seeking to major in a specific information technology-related field.

The minor requires 21 credits and is open to students majoring in any field other than Computer Information Systems, and Electrical and Computer Engineering.

To add an Information Science and Technology minor, contact our Undergraduate Coordinator Dakota Cotner at [Dakota.Cotner@colostate.edu](mailto:Dakota.Cotner@colostate.edu).

## Requirements Effective Fall 2021

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

Code	Title	Credits
<b>Required Courses</b>		
JTC 413	New Media Trends and Society	3
<b>Elective Courses</b>		
Select from the following courses: <sup>1,2</sup>		18
CIS 240	Application Design and Development	
CIS 340	Advanced Application Design and Development	
CIS 350	Operating Systems and Networks	
CIS 355	Business Database Systems	
CIS 360	Systems Analysis and Design	
CIS 410	Web Application Development	
CIS 411	Enterprise Resource Planning Systems	
CIS 413	Advanced Networking and Security	
CO 402	Principles of Digital Rhetoric and Design	
CS 150A	Culture and Coding: Java (GT-AH3)	
CS 150B	Culture and Coding: Python (GT-AH3)	
CS 163 or CS 164	CS1--No Prior Programming Experience CS1--Computational Thinking with Java	
CS 165	CS2--Data Structures	
CS 312	Modern Web Applications	
JTC 300 or JTC 301	Strategic Writing and Communication (GT-CO3) Corporate and Professional Communication (GT-CO3)	

JTC 335	Photography
JTC 372	Web Design and Development
JTC 417	Data Visualization Design
JTC 427	Motion Graphics Design
JTC 472	Advanced Web Design and Development

**Program Total Credits:** 21

<sup>1</sup> Nine credits must be from upper-division courses.

<sup>2</sup> Minimum of 6 credits must be completed from at least two subject codes.