Computer Science is an interdisciplinary field of study involving the design, testing, updating, and maintenance of new computer application software and systems as well as the creation of innovative programs for problem-solving. Students will explore the interaction between modern computer science and related technologies in specialized areas of interest such as software development, systems management, computer networking, database design and programming.

With dynamic changes in the technological world, there is a need for knowledgeable and innovative graduates across industries such as businesses, education, and government organizations.
To ensure a rigorous intellectual foundation, INTI invites inspiring and well-respected Laureate academicians to deliver lectures to students and staff. Unique to INTI, this initiative takes advantage of the Laureate network to bring a wealth of experience and an international dimension to INTI’s education.

CYBER SECURITY / INFORMATION ASSURANCE

Cyber Security or the Cyber Information Assurance major is designed to address the growing demand for expertise in defending critical infrastructure from threats and cyber-attacks.

The study includes risk and threat assessment for computer systems and data, development of prevention procedures and reaction to data and computer-related security breaches, computer system security plan documentation, configuration, testing and implementation of any security software and/or technologies and providing protection and disaster recovery to companies’ business systems.

Employment opportunities

Popular universities for Computer Science

US Universities
• Indiana University of Pennsylvania
• Iowa State University
• Kansas State University
• Michigan State University
• Ohio State University
• University at Buffalo
• University of Iowa
• University of Kansas-Lawrence
• University of Mississippi
• University of Missouri-Kansas City
• University of Nebraska-Lincoln
• University of Oklahoma-Norman
• University of Wisconsin-Madison
• Wichita State University
• Winona State University

Canadian Universities
• Acadia University
• Trent University
• University of Lethbridge
• University of Manitoba
• University of New Brunswick
• University of Saskatchewan
• University of Waterloo
• University of Windsor

Sample curriculum for Year 1 & 2

• Calculus with Analytic Geometry 1
• Calculus with Analytic Geometry 2
• Calculus with Analytic Geometry 3
• C-Language & Unix Operating System
• Computer Systems / Computer Organization & Assembly Language
• Database Systems
• English Composition 1
• English Composition 2
• Essentials of Public Speaking
• Fine Arts Electives
• General Chemistry 1, Lab
• General Chemistry 2, Lab
• General Physics 1, Lab
• General Physics 2, Lab
• Humanities Electives
• Introduction to Computers & Information Processing
• Introduction to Linear Algebra
• Information Structures
• Introduction to Discrete Structure
• Natural Sciences Electives
• Programming
• Programming in C++
• Social Sciences Electives