

BUSINESS INFORMATION SYSTEMS MINOR

This program is available at the following locations:

- Corvallis
- Ecampus

The BIS minor offers a package of courses which places computing in the everyday practice of professionals, companies and organizations. The program is an application-oriented one, focusing on foundational technologies and their application in organizational processes such as marketing, operations, business reporting, etc. In this program, you learn foundational skills in automating processes (scripting and programming), the analysis and modeling of common business processes and how computing can impact them, how to interact with industry-strength data management systems, the basic Internet networking protocols, the development of business and organizational software applications, how to keeping computer systems and networks safe and secure, and about the rapidly expanding world of data analytics. All of this is always placed in the context of real-world business and organizational computing.

Minor Code: 044

Upon successful completion of the program, students will meet the following learning outcomes:

- Analyze and model the flow of information through business processes.
- Formulate plans and architectures for the capture, storage and retrieval of data.
- Develop computer programs to support or automate business processes.
- Apply networking concepts and technologies to support business needs.
- Align information systems and services with business strategy and formulate plans for the retrieval and analysis of supporting data.
- Document, monitor and assess the effectiveness of IT controls.

Code	Title	Credits
BA 275	FOUNDATIONS OF STATISTICAL INFERENCE	4
or ST 244	+ELEMENTARY STATISTICS II	
or ST 314	INTRODUCTION TO STATISTICS FOR ENGINEERS	
or ST 352	INTRODUCTION TO STATISTICAL METHODS	
BA 270	BUSINESS PROCESS MANAGEMENT	4
BA 370	BUSINESS INFORMATION SYSTEMS OVERVIEW	4
BIS 272	BUSINESS APPLICATION DEVELOPMENT	4
or CS 161	INTRODUCTION TO COMPUTER SCIENCE I	
BIS 371	BUSINESS DATA MANAGEMENT	4
BIS 372	BUSINESS INFORMATION SYSTEMS DESIGN AND DEVELOPMENT	4
BIS 471	BUSINESS TELECOMMUNICATIONS AND NETWORKING	4
BANA 270	INTRODUCTION TO BUSINESS ANALYTICS AND ARTIFICIAL INTELLIGENCE ¹	4
or BA 406	PROJECTS	
or BIS 472	INFORMATION SYSTEMS SECURITY	
Total Credits		32

+

Core Education course. Applies to general education requirements for undergraduate students in catalog year 2025-2026 and beyond

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With program lead approval, students may choose to use a course in their current program to substitute for this requirement. Please check in with a College of Business advisor

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