

BUSINESS INFORMATION SYSTEMS MAJOR

REQUIREMENTS FOR THE BUSINESS INFORMATION SYSTEMS MAJOR

- Students must complete the required BUS, CSC and ECO courses listed below. At least 24 semester credits must be earned in Computer Science courses and at least 24 in Business.
- 12 semester credits must be completed in Computer Information Systems courses from Linfield (the remainder may be equivalent transfer credits or credit for prior learning). Computer Science requirements may not be met with transfer coursework more than eight years old.
- 9 semester credits in Business courses must be from Linfield (the remainder may be equivalent transfer credits or credit for prior learning).
- Financial Management must be an upper division course.
- Students must demonstrate Business Department mathematics and statistics proficiency: MAT 152 Finite Math & Calculus and MAT 301 Statistics.

COMPUTER SCIENCE (CSC) REQUIRED COURSES

CSC 101	Fundamentals of Information Systems and Technology
CSC 152	Programming and Object Structures
CSC 250	Database Program Development
CSC 305	Software Engineering I (5) (MWI)
CSC 310	Network and Web Applications Development
CSC 382	Management Information Systems
CSC 400	Applied Software Development Project

PREREQUISITE

MAT 115
CSC 101, MAT 115
CSC 152 and 250 may be taken concurrently.
CSC 152
CSC 152, 250
BUS 301, CSC 101
CSC 250, 302

COMPUTER SCIENCE ELECTIVES:

CSC 450	Advanced Database Concepts	CSC 250
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BUSINESS (BUS) AND ECONOMICS (ECO) REQUIRED COURSES:

BUS 260	Financial Accounting	MAT 115
BUS 261	Managerial Accounting	BUS 260
BUS 301	The Management Process	MAT 115
BUS 321	Marketing	BUS 261, ECO 210, MAT 115
BUS 341	Financial Management	BUS 261, ECO 210, MAT 152, MAT 301
ECO 210	Principles of Economics	MAT 115

In addition, students choose either:

BUS 340	Business Law	MAT 115
BUS 495	Strategic Management (4) (MWI)	All BUS requirements
OR		
BUS 404	Operations Management	ECO 210, MAT 152
BUS 484	Operations Research	BUS 404, MAT 152