

Business Technologies and Education, B.S.

Visit the Information Systems and Technology Department page (<https://www.uvu.edu/ist/>) for more information on the program and access to advising.

Program Description

The Business Technologies and Education, B.S. degree prepares graduates to meet the educational requirements for a secondary teaching license in Utah or for roles in corporate training and technology. This program is designed to equip students with the skills to teach business, finance, marketing, and information technology in both secondary schools and business/industry environments. Students select either the Business Education domain, which focuses on teaching in secondary education, or the Corporate Training and Technology domain, which prepares students to teach in a business/industry setting. Graduates will be prepared to effectively communicate and instruct in their chosen domain, ensuring a strong foundation in both pedagogy and subject matter expertise.

Matriculation Requirements

1. ENGL and MATH QL courses must have a grade C or higher.
2. GPA of 2.7 or higher with no grade lower than a C in content area courses.
3. Completion of all General Education requirements and 70% of content area courses.
4. Pass LiveScan Criminal Background Check for the Business Education domain; not required for the Corporate Training domain.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		120
General Education Requirements		30 Credits
ENGL 1010 or ENGL 1005	Introduction to Academic Writing Foundations of Academic Writing	3
ENGL 2010	Intermediate Academic Writing	3
Complete one of the following MATH courses:		3
MATH 1090	College Algebra for Business (3)	
MATH 1050	College Algebra (4)	
MATH 1055	College Algebra with Preliminaries (5)	
ENGL and MATH QL courses must have a grade C or higher		
Complete one of the following:		3
HIST 2700 & HIST 2710	US History to 1877 and US History since 1877 (6)	
HIST 1700	American History (3)	
HIST 1740	US Economic History (3)	
POLS 1000	American Heritage (3)	
POLS 1100	American National Government (3)	
Distribution Courses:		
ECON 2010	Principles of Economics I	3
Biological Science		3
Physical Science		3
Personal, Professional, and Civic Growth ^{Recommend CYBR 1700}		3
Humanities Distribution		3
Fine Arts		3
Discipline Core Requirements ^{Must be completed with a grade of c or higher.}		57 Credits
IM 1000	Digital Marketing Technologies	3
IM 1010	Basic Computer Applications	3
IM 2300	Information Management Principles	3
IM 2500	Graphic Applications	3
IM 2600	Spreadsheet Applications	3

IM 2800	Digital Business Applications	3
IM 3500	Content Creation Applications	3
INFO 1120	Information Systems and Technology Fundamentals	3
INFO 1200	Computer Programming I for IS IT	3
INFO 2410	Database Fundamentals	3
INFO 2420	Web Application Design	3
INFO 3430	Systems Analysis and Design	3
INFO 4050G	Global Ethical and Professional Perspectives in IS and IT	3
ACC 2110	Principles of Accounting I	3
MGMT 3000	Organizational Behavior	3
CYBR 3350	Intellectual Property and Cyber Law	3
or LEGL 3000	Business Law	
MKTG 2200G	Written Business Communication	3
MKTG 3600	Principles of Marketing	3
BMED 5200	Methods of Teaching Business/Marketing/Digital Technology	3

Complete one of the two domain areas below:**33****Credits**

Domain Required Credits Complete the specified courses to provide students with knowledge of a domain of their choice and interest. (See course lists below).

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Business Education and Technology Domain Requirements

Complete all of the following:

EDSC 1010	Introduction to Education (2)
EDSC 3000	Educational Psychology (3)
EDSC 3250G	Equitable Technology Integration (2)
EDSP 3400G	Exceptional Students (2)
EDSC 4200	Classroom Management I (2)
EDSC 4250	Classroom Management II (2)
EDSC 4440	Content Area Literacies (3)
EDSC 4450G	Multicultural and Multilingual Education (3)
EDSC 4550G	Secondary Curriculum Instruction and Assessment (3)
EDSC 4850	Student Teaching Secondary (8)
EDSC 4990	Teacher Assessment Project (2)

Any elective course from among IM, INFO, IT, CYBR, or BMED ^{At least one credit needed}

Corporate Training and Technology Domain Requirements

Complete all of the following:

INFO 2500	Applied Artificial Intelligence Concepts in Organizations (3)
INFO 3120	Management Information Systems (3)
INFO 3500	AI in Learning and Communication (3)
CYBR 2700	Information Security Fundamentals (3)
HR 3430	Introduction to Human Resource Management (3)
HR 3570	Training and Development (3)
MKTG 2390	Professional Business Presentations (3)
TECH 3400	Project Management (3)

Complete 9 Credits of Elective Courses: ^{7 credits must be upper-division courses}

IM 2100	Document Processing Applications (3)
IM 3600	Advanced Excel for Decision Making (3)
INFO 3130	Introduction to Applied Data Analytics (3)
INFO 4120	Data Visualization (3)
MGMT 2340	Business Statistics I (3)
FIN 1060	Personal Finance (3)
HR 3550	Organization Development and Change Management (3)
PSY 1010	General Psychology (3)
PSY 3300	Motivation and Emotion (3)

TECH 4400	Advanced Project Management (3)
SLSS 1200	The 7 Habits of Highly Effective People (3)

Graduation Requirements

1. Completion of 120 semester credit hours with at least 40 credit hours in upper-division courses.
2. Overall Grade of 2.75 (B-) or above with no grade lower than a C. In Methods of Teaching, EDSC or EDSP courses no grade lower than a B-.
3. Residency hours: Minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements. Students are responsible for completing all prerequisite courses.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched (WE) courses.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

Semester 1		Credit Hours
ENGL 1010 or ENGL 1005	Introduction to Academic Writing or Foundations of Academic Writing	3
IM 1010	Basic Computer Applications	3
IM 1000	Digital Marketing Technologies	3
IM 2300	Information Management Principles	3
ACC 2110	Principles of Accounting I	3
Credit Hours		15

Semester 2

Fine Arts Distribution		3
ENGL 2010	Intermediate Academic Writing	3
IM 2600	Spreadsheet Applications	3
MATH 1090 or MATH 1050	College Algebra for Business or College Algebra	3
EDSC 1010	Introduction to Education	2
Credit Hours		14

Second Year

Semester 3

Physical Science Distribution		3
IM 2500	Graphic Applications	3
INFO 1200	Computer Programming I for IS IT	3
INFO 1120	Information Systems and Technology Fundamentals	3
IM 2800	Digital Business Applications	3
Credit Hours		15

Semester 4

American Institutions		3
Biology Distribution		3
Personal, Professional, and Civic Growth		3
IM 3500	Content Creation Applications	3
ECON 2010	Principles of Economics I	3
Credit Hours		15

Third Year

Semester 5

Humanities Distribution		3
INFO 3430	Systems Analysis and Design	3
CYBR 3350	Intellectual Property and Cyber Law	3
EDSC 4440	Content Area Literacies	3
INFO 2410	Database Fundamentals	3
Credit Hours		15

Semester 6

EDSP 3400G	Exceptional Students	2
EDSC 3000	Educational Psychology	3

Elective		1
EDSC 4450G	Multicultural and Multilingual Education	3
MKTG 3600	Principles of Marketing	3
INFO 2420	Web Application Design	3
Credit Hours		15
Fourth Year		
Semester 7		
EDSC 3250G	Equitable Technology Integration	2
EDSC 4200	Classroom Management I	2
INFO 4050G	Global Ethical and Professional Perspectives in IS and IT	3
BMED 5200	Methods of Teaching Business/Marketing/Digital Technology	3
EDSC 4550G	Secondary Curriculum Instruction and Assessment	3
MKTG 2200G	Written Business Communication	3
Credit Hours		16
Semester 8		
EDSC 4850	Student Teaching Secondary	8
EDSC 4250	Classroom Management II	2
EDSC 4990	Teacher Assessment Project	2
MGMT 3000	Organizational Behavior	3
Credit Hours		15
Total Credit Hours		120

Program Learning Outcome

1. Design curricula and instructional strategies to teach business, finance, marketing, and information technology at both the secondary education and business/industry levels.
2. Apply foundational business and technology knowledge to effectively teach and address the different needs of learners in educational and professional environments.
3. Employ adaptive teaching methods leveraging technology to promote a learning environment that addresses linguistic, cultural, and educational differences among students.
4. Integrate current technologies and industry best practices into teaching and business training settings to ensure relevant knowledge and skills development.
5. Recognize professional and ethical standards in the application of business, finance, marketing, and technology concepts in both secondary and corporate environments.

Business teachers, postsecondary

- Total Positions 104,900
- Field Growth 6.7%
- Median Salary \$97,130
- Average Openings 8.7

Education teachers, postsecondary

- Total Positions 77,200
- Field Growth 3.3%
- Median Salary \$73,240
- Average Openings 6.1

Career/technical education teachers, postsecondary

- Total Positions 121,800
- Field Growth 0.1%
- Median Salary \$62,060
- Average Openings 9.0

Career/technical education teachers, middle school

- Total Positions 12,200
- Field Growth -0.9%

- Median Salary\$63,860
- Average Openings0.8

Career/technical education teachers, secondary school

- Total Positions89,600
- Field Growth-0.8%
- Median Salary\$65,130
- Average Openings5.3