

Business Education - Information Technology, Minor

Requirements

This minor provides students or teachers who have an Educator License in the State of Utah with the coursework necessary to obtain an endorsement in Information Technology Education—Multimedia. This endorsement enables recipients to teach Digital Media I, Digital Media II, and 3D Graphics and Animation. In addition to coursework there are other requirements imposed by the State, so students will need to complete additional work to receive this endorsement.

Total Program Credits: 20

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Minimum ACT scores. 2. GPA of 2.75 or higher. 3. A CAPP written exam. 4. An interview directed by the Secondary Teacher Education Selection and Retention Committee. 5. Must be accepted into a Secondary Education major program. 		
Discipline Core Requirements:		3 Credits
BMED 4200	Methods of Teaching Business/Marketing/Digital Technology	3
Emphasis Requirements:		3 Credits
INFO 1120	Information Systems and Technology Fundamentals	3
Emphasis Elective Requirements:		12 Credits
Complete 12 credits from the following courses. To be eligible for an endorsement in any of the following areas, include those courses and see adviser, as other requirements are required for USOE-CTE endorsement.		12
Computer Science		
CS 1030	Foundations of Computer Science (3.0)	
CS 1400	Fundamentals of Programming (3.0)	
CS 1410	Object-Oriented Programming (3.0)	
Exploring CS		
CS 1030	Foundations of Computer Science (3.0)	
IT 290R	Current Topics in Information Technology Note: Prepare for and pass Certiport IC3 certification (1.0)	
Introduction to Information Technology		
DGM 1110	Digital Media Essentials I (4.0)	
CS 1030	Foundations of Computer Science (3.0)	
INFO 1200	Computer Programming I for IS/It (3.0)	
Multimedia		
DGM 1110	Digital Media Essentials I (4.0)	
DGM 2210	3D Modeling and Animation Essentials (4.0)	
DGM 2110	Digital Motion Picture Essentials (3.0)	
or	DGM 2130	Digital Audio Essentials (3.0)
	DGM 2120	Web Essentials (3.0)
or	INFO 2420	Web Application Design (3.0)
Network+		
IT 2600	Data Communication Fundamentals (3.0)	

IT 290R	Current Topics in Information Technology Note: Prepare and pass CompTIA Network+ exam (1.0)	
Web Development		
INFO 2420	Web Application Design (3.0)	
INFO 3420	Web Systems Development (3.0)	
INFO 3422	PHP Web Application Development (3.0)	

Graduation Requirements:

1. Overall grade point average 2.75 or above with no grade lower than a B- in all discipline and specialty core courses.
2. Students are responsible for completing all prerequisite courses.

Notes:

Students must pass a criminal background check at the beginning of the junior year.

Participation in Phi Beta Lambda (PBL) or Delta Epsilon Chi (DEX) is recommended for one semester.

Students will teach at least one computer technology course during the student teaching experience.

Business Education - Information Technology, Minor 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](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and *Italicized*.

Semester 1	Course Title	Credit Hours
<i>DGM 1110</i>	Digital Media Essentials	4
BMED 4200	Methods of Teaching Business/Marketing/Digital Technology	3
	Semester total:	7
Semester 2	Course Title	Credit Hours
DGM 2120 or INFO 2420	Web Essentials or Web Application Design	3
Elective		3
	Semester total:	6
Semester 3	Course Title	Credit Hours
DGM 2210	3D Modeling and Animation Essentials	4
Elective		3
	Semester total:	7
	Degree total:	20