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:
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.
- **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)

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.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DGM 1110</td>
<td>Digital Media Essentials</td>
<td>4</td>
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<tr>
<td>BMED 4200</td>
<td>Methods of Teaching Business/Marketing/Digital Technology</td>
<td>3</td>
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Semester total: 7

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<tr>
<th>Semester 2</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>DGM 2120 or INFO 2420</td>
<td>Web Essentials or Web Application Design</td>
<td>3</td>
</tr>
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Elective
- Semester total: 6

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGM 2210</td>
<td>3D Modeling and Animation Essentials</td>
<td>4</td>
</tr>
</tbody>
</table>

Elective
- Semester total: 7

Degree total: 20