BACHELOR OF INTEGRATED STUDIES PROGRAM
BIS IN BUILDING INFORMATION MODELING
SPECIAL CONTRACT

Directions:

1. Complete this form and the attached three areas of emphases contract.
2. Write a one page statement of purpose explaining why you want to do a B.I.S. degree.
3. Make an appointment with the B.I.S. coordinator, bringing your completed application packet and statement of purpose with you.

Name: _______________________________ Student Number (W#): __________

Address: __________________________________________
Street City State Zip

E-mail: __________________ Phone: __________ Work phone: __________

By submitting this application form, I understand and agree to satisfactorily complete the following B.I.S. Degree requirements:

o The attached academic contract must be completed and signed by all three emphasis advisors.
  **Emphasis Areas 1 and 2 are required. The student should select between Emphasis Areas 3A and 3B.
  **Courses which are used to satisfy Gen. Ed. may not be included in a B.I.S. area of emphasis.
  **Credit/no credit classes cannot count towards a B.I.S. area of emphasis.

o I should have a 2.50 cumulative grade point average or higher to be admitted into the Program.

o I must complete a residency requirement of 15 semester hours after I am accepted into the Program.

o All required courses for the B.I.S. program (emphasis, Capstone) must have a letter grade of "C" or higher.
  Grades below a "C" (below 2.0) are unacceptable.

o All W.S.U. institutional graduation requirements must be complete, including 40 upper division hours as part of 126 total semester credit hours. I understand that if I choose Emphasis Area 3B Apprenticeship, I may need to take three additional upper division credits to meet this requirement.

o I will take BIS 3800, Preparation for the B.I.S. Capstone and Graduation, as a prerequisite to BIS 4800. I will register for this class two or three semesters before I plan to graduate.

o I must complete the B.I.S. Capstone thesis project (BIS 4800) for which I will earn 3 upper division elective credits.

o I will take ACTG 2010 Surveying of Accounting I as a prerequisite for a CMT 4120, which will be required to take.

o I understand that it is recommended that I take MATH QL1080 and PHSX PS2010 as part of my general education, inasmuch as these courses are prerequisites for construction management courses that I will be required to take.

o I understand that it is recommended, but not required, that I take COMM HU2110 or COMM HU1020 and ECON SS2010 as part of my general education.

o I understand that I will be required to work with BIM out in industry as part of BIS 4800 and DGET 4890 and that these two classes cannot be taken the same semester.

____________________________________________  _________________________
Signature Date

(Revised Nov 11)
### Emphasis Area #1  Construction Management Technology (35 credits)

<table>
<thead>
<tr>
<th>Course number and prefix</th>
<th>Course title</th>
<th>Credit hours</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT 1210</td>
<td>Residential Const. Materials &amp; Methods</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMT 1310</td>
<td>Commercial Const. Materials &amp; Methods</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMT 2220</td>
<td>Construction Contracts &amp; Specifications</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMT 2340</td>
<td>Construction Surveying</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CMT 2360</td>
<td>Building Codes &amp; Inspections</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CMT 2640</td>
<td>Architectural Estimating</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CMT 3115</td>
<td>Construction Cost Estimating</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMT 3130</td>
<td>Construction Planning &amp; Scheduling</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMT 3210</td>
<td>Construction Management</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CMT 3260</td>
<td>Mechanical &amp; Electrical Systems</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CMT 3350</td>
<td>Applied Structures</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CMT 4120</td>
<td>Construction Accounting &amp; Finance</td>
<td>3</td>
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</tr>
</tbody>
</table>

Are there any particular requirements (such as minimum grade other than C) for this area of emphasis? Students must get a C or better is required in all CMT courses (a grade of C- is not acceptable).

I have worked through this contract with the student. I **recommend** this student for the B.I.S. Program.

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Dept Chair signature  
Date

Student Signature  
Date

B.I.S. Coordinator Signature  
Date

(Revised Nov 11)
### BUILDING INFORMATION MODELING
#### B.I.S. PROGRAM ACADEMIC CONTRACT

**Emphasis Area #2  Design Engineering Technology (24 Credits)**

<table>
<thead>
<tr>
<th>Course number and prefix</th>
<th>Course title</th>
<th>Credit hours</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>DET 1250</td>
<td>Fund, Architectural Drafting Using 2D CAD</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 1350</td>
<td>Residential Architectural Design</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 2000</td>
<td>Intro. Building Information Modeling (BIM I)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 2660</td>
<td>Arch. Structural Design &amp; Detailing (BIM II)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 3000</td>
<td>BIM &amp; The Green Built Env. (BIM III)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 3400</td>
<td>Technical Illustration and Documentation I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 4350</td>
<td>IPD and File Management (BIM IV)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DET 4890</td>
<td>Cooperative Work Experience</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Are there any particular requirements (such as minimum grade other than C) for this area of emphasis? Students must get a C or better is required in all DET courses (a grade of C- is not acceptable).

I have worked through this contract with the student. I **recommend** this student for the B.I.S. Program.

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**Dept Chair signature**  
Date

**Student Signature**  
Date

**B.I.S. Coordinator Signature**  
Date
### Emphasis Area #3A  Interior Design Technology (18 Credits)

<table>
<thead>
<tr>
<th>Course number and prefix</th>
<th>Course title</th>
<th>Credit hours</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. IDT 1010</td>
<td>Introduction to Interior Design</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>2. IDT 1020</td>
<td>Presentation Techniques</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>3. IDT 2035</td>
<td>Design Process/Space Planning</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4. IDT 3030</td>
<td>Sustainability II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>5. IDT 3000</td>
<td>Lighting Design</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>6. IDT 4020</td>
<td>Commercial Design</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Are there any particular requirements (such as minimum grade other than C) for this area of emphasis? Students must get a B or better is required in all IDT courses (a grade of B- is not acceptable).

I have worked through this contract with the student. I **recommend** this student for the B.I.S. Program.

---

Dept Chair signature

Date

Student Signature

Date

B.I.S. Coordinator Signature

Date

(Revised Nov 11)
Emphasis Area #3B  Apprenticeship

Complete one of the following four-year apprenticeships programs:

- Plumbing, pipefitter/welder, or HVAC&R from Utah Career Center for Plumbers, Pipefitters, Welders and HVAC&R
- Carpentry, carpentry (JATC), electrical, HVAC, plumber, or pipefitter (JATC) from Salt Lake Community College
- Electrical, plumbing, or HVAC from Davis Applied Technology College
- Electrician, electrician (JATC), plumber, HVAC/R service technician, sheet metal worker, sheet metal worker (JATC), or carpentry from Ogden-Weber Applied Technology College
- Other apprenticeship program approved by the Chair of the Department of Construction Management

I have verified that

Name:_______________________________ Student Number (W#):________________

has completed the required Apprenticeship.

___________________________________________
Dept Chair signature                     Date

___________________________________________
B.I.S. Coordinator Signature             Date