### University Core and Graduation Requirements

#### University Core Requirements:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion Cornerstones</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>1</td>
<td>2.0</td>
<td>REL A 275</td>
</tr>
<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>1</td>
<td>2.0</td>
<td>REL A 250</td>
</tr>
<tr>
<td>Foundations of the Restoration</td>
<td>1</td>
<td>2.0</td>
<td>REL C 225</td>
</tr>
<tr>
<td>The Eternal Family</td>
<td>1</td>
<td>2.0</td>
<td>REL C 200</td>
</tr>
<tr>
<td>The Individual and Society</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Heritage</td>
<td>1-2</td>
<td>3-6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Skills</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year Writing</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Advanced Written and Oral Communications</td>
<td>1</td>
<td>3.0</td>
<td>ENGL 316* or M COM 320*</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>1</td>
<td>3-4.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>1</td>
<td>3-4.0</td>
<td>STAT 121 recommended</td>
</tr>
<tr>
<td>Arts, Letters, and Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civilization 1</td>
<td>1</td>
<td>3.0</td>
<td>ARTHC 201*, IHUM 201*</td>
</tr>
<tr>
<td>Civilization 2</td>
<td>1</td>
<td>3.0</td>
<td>ARTHC 202*, IHUM 202*</td>
</tr>
<tr>
<td>Arts</td>
<td>1</td>
<td>3.0</td>
<td>INDES 210*</td>
</tr>
<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
<td>IHUM 202*</td>
</tr>
<tr>
<td>Biological Science</td>
<td>1</td>
<td>3-4.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Physical Science</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Social Science</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Core Enrichment: Electives</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Religion Electives</td>
<td>3-4</td>
<td>6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Open Electives</td>
<td>Variable</td>
<td>Variable</td>
<td>personal choice</td>
</tr>
</tbody>
</table>

*These courses fill both University Core and Program Requirements (12-15 hours overlap)

#### Graduation Requirements:

- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

### Suggested Sequence of Courses

#### Freshman Year

- **1st Semester**
  - First-year Writing or American Heritage: 3.0
  - Quantitative Reasoning course: 3.0
  - Religion Cornerstone course: 2.0
  - INDES 130: 1.5
  - INDES 131: 1.5
  - INDES 132: 1.5
  - Total Hours: 14.0

- **2nd Semester**
  - First-year Writing or American Heritage: 3.0
  - Minor / General Elective: 3.0
  - Physical Science: 3.0
  - Religion Cornerstone course: 2.0
  - Languages of Learning: 3.0
  - Total Hours: 14.0

#### Sophomore Year

- **3rd Semester**
  - Minor / General Elective: 2.0
  - INDES 210: 3.0
  - INDES 230R: 3.0
  - INDES 231: 3.0
  - Religion Cornerstone course: 2.0
  - Biological Science: 3.0
  - Total Hours: 16.0

- **4th Semester**
  - INDES 214R: 3.0
  - INDES 230R: 3.0
  - INDES 233: 3.0
  - Minor / General Elective: 3.0
  - Religion Cornerstone course: 2.0
  - Total Hours: 14.0

#### Junior Year

- **5th Semester**
  - INDES 330R: 3.0
  - INDES 339: 3.0
  - INDES Technical Elective: 3.0
  - Religion Elective: 2.0
  - Total Hours: 16.0

- **6th Semester**
  - Spring/Summer:
    - INDES 330R: 3.0
    - Total Hours: 15.0

#### Senior Year

- **7th Semester**
  - Minor / General Elective: 2.0
  - TECH 112: 1.0
  - INDES Technical Elective: 3.0
  - Religion Elective: 2.0
  - Total Hours: 15.0

- **8th Semester**
  - INDES 339R: 4.0
  - INDES Technical Elective: 3.0
  - Religion Elective: 2.0
  - Total Hours: 15.0

#### Notes

- Must say Art History in title or description to fill requirements for BFA degree.
- Note: Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
## BFA in Industrial Design (396536)

### 2019-2020 Program Requirements (72 Credit Hours)

<table>
<thead>
<tr>
<th>REQUIREMENT 6</th>
<th>Complete all 100-level foundation courses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>REQUIREMENT 7</td>
<td>Complete 4 courses</td>
</tr>
<tr>
<td>REQUIREMENT 8</td>
<td>Complete 1 course</td>
</tr>
<tr>
<td>REQUIREMENT 9</td>
<td>Complete 2 courses</td>
</tr>
<tr>
<td>REQUIREMENT 10</td>
<td>Complete 12.0 hours from the following course(s)</td>
</tr>
</tbody>
</table>

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 130 - Visual Literacy 1.5
- INDES 131 - Structured Creativity 1.5
- INDES 132 - Form and Surface Development 1.5
- INDES 133 - Visualization Methods 1.5

**REQUIREMENT 1:** Complete 6 courses

**CORE REQUIREMENTS:**
- You may take this course up to 2 times.

**REQUIREMENT 2:** Complete 8 courses

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 3:** Complete 2 courses

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 4:** Complete 2 courses

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 5:** Complete 1 hour from the following course(s)

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 6:** Complete 2 courses

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 7:** Complete 3 course

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 8:** Complete 1 course

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED:**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 9:** Complete 2 courses

**COMPLETE 1 course**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**REQUIREMENT 10:** Complete 12.0 hours from the following course(s)

**COMPLETE 12.0 HOURS FROM THE SUPPORTIVE, DESIGN-RELATED COURSES AVAILABLE ON CAMPUS. LISTED BELOW ARE PRE-APPROVED COURSE OPTIONS.**

**ART HISTORY REQUIREMENT:**
- INDES 339 - History of Products 3.0
- INDES 341 - Technology Interface Studies for Industrial Design 1 3.0
- INDES 399R - Professional Internship 3.0v

**RECOMMENDED**
- INDES 231 - Presentation Methods for Industrial Design 1 3.0
- INDES 233 - Presentation Methods for Industrial Design 2 3.0
- INDES 340 - Graphics Studies for Industrial Design 1 3.0
- INDES 388 - Professional Practices of the Designer 2.0
- TECH 112 - Exploration in Innovation Design Techniques 1.0
- TES 200 - Processes and Prototyping with Wood 3.0

**Note 1:** To obtain credit for a second, unique internship, register for 3 credit hours of INDES 399R.

**Note 2:** Generally, 300-level through 600-level courses that directly support the Industrial Design degree but are not listed above will qualify to meet this requirement. Request approval from the Industrial Design program chair.

**Note 3:** Any course listed in Requirement 9 can be applied to this requirement after Requirement 9 has been fulfilled. Request approval from the advisement center.

**REQUIREMENT 11**

Complete department packet and exit interview.

Students can be placed on probationary status for the following: 1) Inadequate academic performance, 2) Unprofessional attitude and lack of commitment, 3) BYU Honor Code violations.

**THE DISCIPLINE:**

Industrial design is a blend of art and technology. On the art side, an industrial designer needs to be creative, be able to visualize ideas, appreciate aesthetics and understand human culture, psychology, and sociology. On the technology side, an industrial designer needs to be able to understand product development processes and contributors, understand how things work, and have a working knowledge of manufacturing materials and processes. Combining the two, an industrial designer creates products that make specific and appropriate human connections through aesthetics, satisfying needs, and providing meaning.
CAREER OPPORTUNITIES:
Industrial designers typically work in these areas: electronic products; outdoor, sports, and recreation products; personal and home products; medical, commercial, and industrial equipment; environments and furniture; toys and children’s products; and user experiences and design research.

PRE-MAJOR ENROLLMENT:
Students applying for the pre-industrial design program must be accepted to Brigham Young University before being considered for the major. The four pre-industrial design foundation courses must be taken concurrently in either fall or winter semester. Enrollment in these courses is limited. In order to enroll, students must apply and be accepted. Applications for the pre-industrial design foundation courses must be returned by August 1. Individuals will be notified 1-2 weeks after the deadline and will be informed which semester (fall or winter) they may enroll in foundation courses. Application forms are available from the School of Technology Advisement website. Go to http://sot.et.byu.edu/advisement then click on Applications and Forms. Note: Acceptance to the pre-industrial design program cannot be deferred. Individuals who are accepted must register for foundation courses for their assigned semester. Failure to do so will require reapplication to the pre-industrial design program for the year the student plans to attend.

PROFESSIONAL DEGREE PROGRAM ENROLLMENT:
Admittance into the professional level of the industrial design program is based on three criteria: overall grade point average for the foundation courses, a panel review of a student portfolio, and a student professionalism score. A portfolio is a collection of work based on foundation courses and weighted higher than grade point average and professionalism score. Portfolios and professional level applications are to be submitted for review by the last day of finals in Winter semester. Individuals will be notified within 1-2 weeks of the decision of the review committee. Students accepted into the professional level are permitted to enroll in specified courses at the next academic level. Students who have not been accepted in the program may apply again the following year. Students may only take the foundation courses one time. Transfer students applying for admission to the pre-industrial design program must follow the same requirements as students currently enrolled in BYU.

MAP DISCLAIMER
While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

DEPARTMENT INFORMATION
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Brigham Young University
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250 Snell Building
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