

# BS Industrial Design Freshman Roadmap

## Catalog Year 2020-2021

120 units required/Unofficial Document

**Courses in bold must be completed to meet major impact criteria.**

**2.5 overall GPA; 2.5 GPA in all design courses required for admission to major.**

### Semester 1

Course	Units
<b>DESN 120A Fundamentals of Design</b>	3
<b>DESN 132A Perspective/Rendering Systems</b>	3
DESN 150 Design Drafting	3
<b>GE Written Communication (Area A2)</b>	3
<b>GE Mathematics/Quantitative Reasoning (Area B4)</b>	3
<b>TOTAL UNITS</b>	<b>15</b>

### Semester 2

Course	Units
<b>DESN 120B Foundation Three Dimensional</b>	3
<b>DESN 132B Perspective/Rendering Systems</b>	3
DESN 151 Design Materials and Tools	2
<b>GE Oral Communication (Area A1)</b>	3
<b>GE Critical Thinking (Area A3)</b>	3
<b>TOTAL UNITS</b>	<b>14</b>

### Semester 3 (Apply for Portfolio Review)

Course	Units
DESN 154 Modeling & Prototyping Techniques	3
DESN 156 3D Computer Aided Design	3
DESN 232 Rapid Visualization	3
GE Life Science Lecture (Area B2)	3
DESN 110 Design History (Area C1)	3
<b>TOTAL UNITS</b>	<b>15</b>

### Semester 4 (Submit Portfolio)

#### Take Writing Proficiency Exam

Course	Units
DESN 280 Industrial Design Processes	3
DESN 254 Production Materials and Tech	3
DESN 255 2D Computer Aided Graphics	3
GE Physical Science Lecture/Lab (Area B1/B3)	4
GE Other Explorations (Area C, D and E)	3
<b>TOTAL UNITS</b>	<b>16</b>

### Semester 5 (Junior Studio)

Course	Units
DESN 331A Industrial Design	3
DESN 333A Industrial Design Methodology	3
DESN 320 Advanced Form Study	3
DESN 268 History & Theory of Sustainability (Area D2)	3
DESN 315 Forms and Figures (UD B)	3
<b>TOTAL UNITS</b>	<b>15</b>

### Semester 6 (Junior Studio)

Course	Units
DESN 331B Industrial Design	3
DESN 333B Industrial Design Methodology	3
DESN 356 Adv. 3D Computer Aided Design	3
GE Other Explorations (Area C, D and E)	3
GE Other Explorations (Area C, D and E)	3
<b>TOTAL UNITS</b>	<b>15</b>

### Semester 7 (Senior Studio)

Course	Units
DESN 431A Adv. Industrial Design	4
DESN 300 Designers in Own Words	3
DESN 332 Adv. Idea Generation for Designers	3
DESN 470 Design in Contemporary Society (UD D, WI)	3
GE Other Explorations (Area C, D and E)	3
<b>TOTAL UNITS</b>	<b>16</b>

### Semester 8 (Senior Studio)

Course	Units
DESN 431B Adv Industrial Design (Spring only)	4
DESN 435A Furniture Design	3
DESN 368 History & Theory of Design (UD C)	3
Design Elective	4
<b>TOTAL UNITS</b>	<b>14</b>

The following courses are not required but recommended:  
DESN 268, DESN 315, DESN 470