

# B.S. in Industrial Design

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Graduation is contingent upon the successful completion of the prescribed courses of the 120-credit Industrial Design curriculum and the maintenance of both a minimum overall cumulative GPA of 2.0 and a minimum 2.0 GPA for all major-specific requirements. Students are required to maintain an annual studio average of 2.0 or higher to advance to the next studio level each succeeding year and to complete the final 4th-year studio course sequence.

(120 credits)

## First Year

1st Semester		Credits
AD 150	Color and Composition	3
AD 161	History of Art And Design I	3
ENGL 101	English Composition: Introduction to Academic Writing	3
MATH 113	Finite Mathematics and Calculus I	3
CS 104	Computer Programming and Graphics Problems	3
FYS SEM	First-Year Student Seminar	0
PE Elective		1
<b>Term Credits</b>		<b>16</b>

## 2nd Semester

AD 111	Communication in Art and Design - Traditional Media	3
AD 112	Communication in Art and Design - Digital Media	3
AD 162	History of Art And Design II	3
ENGL 102	English Composition: Introduction to Writing for Research	3
MATH 105	Elementary Probability and Statistics	3
<b>Term Credits</b>		<b>15</b>

## Second Year

### 1st Semester

ID 263	Industrial Design Studio I	4
ID 203	Past, Present and Future of Design	3
ID 216	Modeling and Prototyping	3
ID 312	Mechanics and Electronics	3
PHYS 102	General Physics	3
PHYS 102A	General Physics Lab	1
<b>Term Credits</b>		<b>17</b>

### 2nd Semester

ID 264	Industrial Design Studio II	4
AD 201	Human Factors/Ergonomics	3
ID 217	Modeling and Manufacturing	3
PSY 210	Introduction to Psychology	3
or R830 101	or Principles Of Psychology I	
Science GER Elective ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/</a> )		3
<b>Term Credits</b>		<b>16</b>

## Third Year

### 1st Semester

ID 363	Industrial Design Studio III	5
ID 340	Materials and Processes	3
ID 310	Ethnographic and Marketing Research	3
Social Sciences GER ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/</a> )		3
<b>Term Credits</b>		<b>14</b>

### 2nd Semester

ID 364	Industrial Design Studio IV	5
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ID 341	Sustainable Materials and Processes	3
Design Elective: AD/DD/ID/FA/INT/ARCH		3
History and Humanities GER 300+ level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/</a> )		3
<b>Term Credits</b>		<b>14</b>
<b>Fourth Year</b>		
<b>1st Semester</b>		
AD 463	Collaborative Design Studio	5
ID 410	Professional Practice and Ethics	3
Design Elective: AD/DD/ID/FA/INT/ARCH		3
History and Humanities GER 300+ level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/</a> )		3
<b>Term Credits</b>		<b>14</b>
<b>2nd Semester</b>		
ID 464	Industrial Design Studio V	5
Design Elective: AD/DD/ID/FA/INT/ARCH		3
Humanities and Social Science Senior Seminar GER ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/</a> )		3
Free Elective		3
<b>Term Credits</b>		<b>14</b>
<b>Total Credits</b>		<b>120</b>

*This curriculum represents the maximum number of credits per semester for which a student is advised to register. A full-time credit load is 12 credits.*

*First-year students are placed in a curriculum that positions them for success which may result in additional time needed to complete curriculum requirements. Continuing students should consult with their academic advisor to determine the appropriate credit load.*