

B.A. in Digital Design

The Digital Design curriculum is separated into two tracks: Entertainment Track, and Interactive Media/Production Track. Students will select their track of study in the second year and follow their chosen track to completion. Please refer to the appropriate track for proper curriculum requirements.

Graduation is contingent upon the successful completion of the prescribed courses within the select track of the 120-credit Digital 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)

Entertainment Track

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 107 or MATH 113	University Mathematics A or Finite Mathematics and Calculus I	3
CS 100 or CS 115	Roadmap to Computing or Introduction to Computer Science in C++	3
FYS SEM	First-Year Student Seminar	0
PE Elective		1
Term Credits		16

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
Term Credits		15

Second Year

1st Semester

ARCH 382	History of Architecture IV	3
DD 275	History of Games	3
DD 263	Digital Design Studio I	4
DD 303	Foundations of Sound and Music	3
PHYS 102	General Physics	3
PHYS 102A	General Physics Lab	1
Term Credits		17

2nd Semester

DD 264	Digital Design Studio II	4
IT 201	Information Design Techniques	3
DD 403	Digital Sound and Music	3
Natural Science GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)		3
PSY 210 or R830 101	Introduction to Psychology or Principles Of Psychology I	3
Term Credits		16

Third Year

1st Semester

AD 201	Human Factors/Ergonomics	3
DD 334	Simulated Environments	3

IT 265 or IT 266	Game Architecture and Design or Game Modification Development	3
DD 363	Digital Design Studio III	5
Term Credits		14
2nd Semester		
DD 364	Digital Design Studio IV	5
DD 301	Acting Fundamentals for Animators	3
Social Sciences GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/)		3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)		3
Term Credits		14
Fourth Year		
1st Semester		
AD 463	Collaborative Design Studio	5
DD 443 or DD 444	2-Dimensional Character Design or 3-Dimensional Character Devel	3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)		3
Free Elective		3
Term Credits		14
2nd Semester		
DD 464	Digital Design Studio III	5
DD 449 or DD 442	Imaginary Worlds: Architecture in Motion Pictures or Visual and Special Effects in Movies	3
Design Elective: AD/DD/ID/FA/INT/ARCH		3
Humanities and Social Science Senior Seminar GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/)		3
Term Credits		14
Total Credits		120

(120 credits)

Interactive Media/Production Track

First Year

		Credits
1st Semester		
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 107 or MATH 113	University Mathematics A or Finite Mathematics and Calculus I	3
CS 100 or CS 115	Roadmap to Computing or Introduction to Computer Science in C++	3
PE Elective		1
Term Credits		16
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
Term Credits		15

Second Year**1st Semester**

ARCH 382	History of Architecture IV	3
DD 275	History of Games	3
DD 263	Digital Design Studio I	4
PHYS 102	General Physics	3
PHYS 102A	General Physics Lab	1
Social Sciences GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/)		3

Term Credits	17
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2nd Semester

DD 264	Digital Design Studio II	4
IT 201	Information Design Techniques	3
Natural Science GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)		3
Design Elective: AD/DD/ID/FA/INT/ARCH		3
PSY 210 or R830 101	Introduction to Psychology or Principles Of Psychology I	3

Term Credits	16
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Third Year**1st Semester**

DD 334	Simulated Environments	3
DD 363	Digital Design Studio III	5
AD 201	Human Factors/Ergonomics	3
MRKT 330	Principles of Marketing	3

Term Credits	14
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2nd Semester

DD 364	Digital Design Studio IV	5
MRKT 331	Customer Insights	3
IT 202	Internet Applications	3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)		3

Term Credits	14
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Fourth Year**1st Semester**

AD 463	Collaborative Design Studio	5
IT 380	Educational Software Design	3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)		3
Free Elective		3

Term Credits	14
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2nd Semester

DD 464	Digital Design Studio III	5
DD 415	Web/Exhibit Development	3
MRKT 360	Digital Marketing	3
Humanities and Social Science Senior Seminar GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/)		3

Term Credits	14
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Total Credits	120
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See the **General Education Requirements** "Refer to the General Education Requirements for specific information for GER courses"