Offered by: The Department of Computer Science
Administered by: The Department of Computer Science; 110 Gates Hall
Contact Person: Nicole Roy, 110E Gates Hall, 255-0982, nsr1@cornell.edu

Eligibility: Students in the following colleges may participate in the Minor: Agriculture and Life Sciences • Architecture, Art, and Planning • Arts and Sciences* • Engineering* • Hotel Administration • Human Ecology • Industrial and Labor Relations

*Computer Science majors cannot apply CS/ENGRD 2110/2112 or courses taken under the CS-rubric (with the sole exception of CS 4152 or CS 4154) to the Additional Courses requirement of the Game Design Minor.

Educational Objectives: This minor is for students who anticipate that game design will have a prominent role to play in their academic and professional career.

To Apply for a Game Design Minor:
- Obtain the form Application to Certify Completion of a Minor from:
  http://www.cs.cornell.edu/undergrad/csmajor/usefulforms
- Obtain an official transcript from the University Registrar’s Office in B7 Day Hall;
- Attach a copy of your transcript on which you have highlighted or underlined each course used for the minor;
- Submit the form and the transcript to the Computer Science Undergraduate office, 110E Gates Hall.

REQUIREMENTS
To complete the minor, the student must take at least six (6) courses (18 credit minimum) chosen as follows:

Required Courses
- CS 3152 or INFO 3152: Introduction to Computer Game Architecture/Design
- CS 4152 or INFO 4152: Advanced Topics in Computer Game Architecture/Design
- or CS 4154: Analytics-driven Game Design

Additional Courses - Choose four of the following courses:
- ART 2701: Introduction to Digital Media
- ART 3704: Interactive Digital Media
- COMM 4220: Psychology of Entertainment Media
- CS/ENGRD 2110 or CS/ENGRD 2112: Object-Oriented Programming and Data Structures
- CS/INFO 3300: Data-Driven Web Applications
- CS/INFO 4152 (if not used as a Required Course): Advanced Topics in Computer Game Architecture/Design
- CS 4154 (if not used as a Required Course): Analytics-driven Game Design
- CS 4620/ARCH 3704: Introduction to Computer Graphics
- CS 4700: Foundations of Artificial Intelligence
- CS 5625: Interactive Computer Graphics
- CS 5643: Physically Based Animation for Computer Graphics
- ECE 4760: Digital Systems Design Using Microcontrollers
- INFO/COMM 2450: Communication and Technology
- INFO/COMM 3450: Human-Computer Interaction Design
- INFO 3460
- INFO/ARTH 3650
- INFO/COMM 4400: Advanced Human-Computer Interaction Design
- MUSIC 2421: Performing with Computers
- MUSIC 3431/PMA 3680: Sound Design and Digital Audio
- PMA 2730: Introduction to Dramatic Writing
- PMA 3444: Animation Workshop- Experimental and Traditional Methods
- PMA 3445: Animation History and Practice
- PMA 3614: Creative Character Design

Academic Standards: A letter grade of C or better is required for each course in the concentration.
Application to Certify Completion of a Minor
(To be submitted after all applicable coursework has been completed or in final undergraduate semester, whichever comes first.)

I. Applicant’s Information—Please supply the following:

Name: __________________________________________ Cornell ID# ___ ___ ___ ___ ___ ___

Email Address: __________________________________________ Phone: ______________________

Major: ___________ Faculty Advisor: ________________________ Graduation Date (month/year): __ / __

Minor applying for: __________________________________________

Year of Cornell Courses of Study/Engineering Handbook used for verifying minor: ______________________

II. Courses Applying to Minor—Please list each course you have taken which will apply to the program - as described on the reverse of this form. Include the semester/year in which you completed each course, as well as the grade and number of credits you received.

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III. Transcript—Please attach a copy of your official transcript on which you have highlighted or underlined each of the courses listed above.

IV: Please sign below and submit this completed form to the Administrative Contact for the department offering the minor: By signing, you certify that the information supplied on this form and transcript is accurate and that you have completed the necessary coursework and complied with the terms of the minor program.

Student’s signature: ___________________________ Date: __________________

For use by the Administrative Contact Only:

Administrative Contact certifying: ___________________________ Date: __________________

Original-- Registrar of student’s college
Copies: Student, Undergraduate Coordinator of student’s major program, Undergraduate Coordinator of student’s concentration program.