

Undergraduate Program Requirements

Interactive Arts & Media Program Requirements

Currently displaying program requirements for academic year: UNDG 2011-2012 ▼

IAM 2BA 2011-12

54 CREDITS TO COMPLETE THIS MAJOR. Major requirements & credits waived by the department must be substituted with additional IAM credits. Students are required to earn a "C" or better in all IAM requirements. The C minimum policy applies both to IAM classes and to classes in other departments that are prerequisites for IAM classes, such as Writing and Rhetoric 1 or 2, and applies equally to majors and non-majors. For IAM Department information visit <http://iam.colum.edu/>.

INTERACTIVE ARTS & MEDIA

15 CREDITS

IAM CORE REQUIREMENTS

Courses: 5/5

Course	Title	Credits	Grade
36-1300	Digital Image Design	3	C
36-1000	Media Theory and Design 1	3	C
36-1501	Introduction to Programming: Theory and Concepts	3	C
36-2000	Media Theory and Design 2	3	C
36-2601	Authoring Interactive Media	3	C

12 CREDITS - Choose four courses from the following. If you are interested in the Programmer path, we recommend the following courses: 36-2600, 36-3420, 36-3430, and 36-3520. If you are interested in Interaction Designer path, we recommend the following courses: 36-3100, 36-3110, 36-3405, and 36-3420.

IAM MAJOR REQUIREMENTS

Courses: 4/4

Course	Title	Credits	Grade
36-2600	Object Oriented Programming	3	C
36-3100	Navigational Interfaces	3	C
36-3110	Advanced Interfaces	3	C
36-3420	Introduction to Javascript	3	C
36-3430	Programming Web Databases	3	C
36-3405	Authoring Interactive Media II	3	C
36-3520	Programming Data Design	3	C

9 CREDITS - Choose three of the following IAM electives. If you are interested in the Programmer path, we recommend choosing three of the following electives: 36-2210, 36-2500, 36-2510, 36-2550, 36-2551, 36-3210, 36-3270, 36-3421, 36-3444, and 36-3500. If you are interested in the Interaction Designer path, we recommend choosing three of the following electives: 36-1400, 36-2130, 36-2410, 36-2411, and 36-2606.

IAM REQUIRED ELECTIVES

Courses: 3/5

Course	Title	Credits	Grade
36-1400	Sound for Interaction	3	C
36-2130	Interactive Conversation Interface	3	C

36-2210	Game Engine Programming	3	C
36-2410	Web Animation I: Flash Web Design	3	C
36-2411	Web Animation II:Scripting	3	C
36-2500	Simulation Design I	3	C
36-2510	Engine-Based Design I	3	C
36-2550	C++ Programming I	3	C
36-2551	C++ Programming II	3	C
36-2606	Interactive Advertising Campaign	3	C
36-3210	Game Engine AI	3	C
36-3270	XNA Game Programming	3	C
36-3421	Advanced Javascript for Games	3	C
36-3444	Emergent Web Technologies	3	C
36-3500	Programming for Games	3	C

6 CREDITS

IAM CAPSTONE REQUIREMENT

Courses: 1/1

Course	Title	Credits	Grade
36-3600	IAM Team	6	C

12 CREDITS - Students are required to take enough 2000+ IAM electives to earn the minimum total of 54 credits in the IAM Major.

ADDITIONAL IAM ELECTIVES

Courses: 4/8

Course	Title	Credits	Grade
36-2****			C
36-2****			C
36-2****			C
36-2****			C
36-3****			C
36-ELEC	Interactive Arts & Media Elec.	0	C

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