

Department of Software Engineering
 Building 70 # 1690
 Phone: (585) 475-5461

Application Domain Description

UNDERGRADUATE

Name of domain: Interactive Entertainment

This domain provides students with a broad exposure to the artistic perspective of game development. Within this domain, students will acquire the knowledge and skills needed to work with artists and animators. This domain is useful for students who wish to complement their technical expertise in game development. It also provides a path for obtaining a minor in Game Design and Development. Artistic talent is strongly recommended.

Courses (Select three of the following)
(Only one course can come from the ENGL course list)

<i>Course number</i>	<i>Course title</i>	<i>Prerequisites</i>
CSCI-510	Computer Graphics I	MATH-241 and CSCI-243 and CSCI-250 (or permission of instructor)
SOFA-103	Film/Video Materials and Technology	MATH-181
IGME-202	Interactive Media Development	IGME-110 or ISTE-140
IGME-220	Game Design & Development I	IGME-202
ENGL-374	Games and Literature	
ENGL-375	Story Telling Across Media	
ENGL-400	Special Topics: Literary & Cultural Studies: Storytelling (Note that Liberal Arts uses the same course number for varying special topics, be sure "Storytelling" is the version being offered)	ENGL-150

Domain Prerequisites

<i>Course number</i>	<i>Course title</i>
MATH-241	Linear Algebra (taken as Math/Science elective)
CSCI-250	Concepts of Computer Systems (CMPE-240 with permission of instructor)
CSCI-243	Mechanics of Programming

IGME-110	Interactive Media Development (taken as free elective)
ISTE-140	Web I (taken as free elective)

Considerations

Before you start on an application domain you should work through the impacts on your schedule. There may be a need to coordinate your co-op blocks based on the semesters in which courses are typically offered as well as considering course pre-requisite chains required within the application domain. In order for an ENGL-XXX course to count towards the application domain, you cannot use the same course in the General Education slot in your overall SE flowchart.