

*Name of domain:* Statistics

Provides an opportunity for students to deepen their background in modern mathematical sciences and the use of statistics as an analytical tool. The domain is useful to software engineers developing commercial grade statistical analysis tools and products or to software engineering quality managers analyzing software process and product metrics.

### Courses

<i>Course number</i>	<i>Course title</i>	<i>Prerequisites</i>
	<b>Select three of the following:</b>	
1016-353	Applied Statistics	1016-314
1016-354	Introduction to Regression Analysis	1016-353
1016-355	Design of Experiments	1016-353
1016-358	Statistical Quality Control	1016-314
1016-454	Non-parametric Statistics	1016-314
1016-457	Research Sampling Techniques	1016-314

### Domain Prerequisites

<i>Course number</i>	<i>Course title</i>
1016-283	Calculus III (required SE)
1016-314	Engineering Statistics I (required SE)

### Considerations

**Statistics Minor:** In addition to three of the courses selected above, complete *two* additional courses from the Statistics Minor as defined in the Undergraduate Bulletin as free electives.

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 quarters in which courses are typically offered as well as considering course pre-requisite chains required within the application domain. Be sure to check with the sponsoring department to obtain the latest information on course prerequisites, scheduling, and registration constraints. Before embarking on a minor you should meet with the department sponsoring the minor to review their current minor requirements, register for the minor, and review scheduling strategies.

*Last reviewed:* 10/30/2007