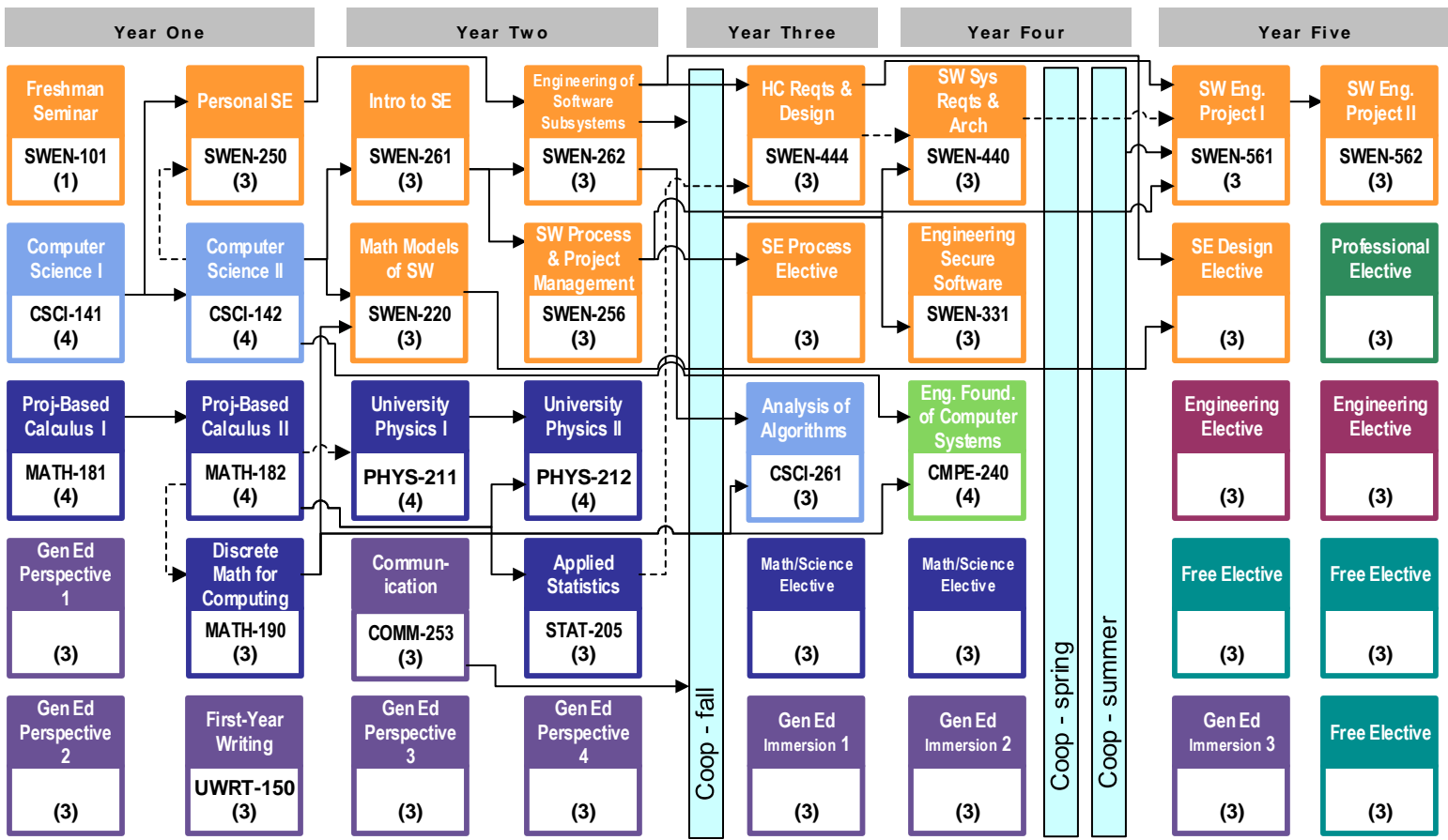


Department of Software Engineering

UNDERGRADUATE CURRICULUM

Course Sequence v8.1
Last Updated: 4/23/18



Software Design & Process Electives

Software Engineering elective courses are designated as "design" or "process" electives. You are required to take one of each. For an up-to-date list of elective courses see the department website. Prerequisites vary by course.

Professional Elective Requirement

This course must be either an Engineering Elective or one of the Business Elective courses specified on the department website.

Engineering Electives Requirement

Take two courses from any of the following:

- Software Engineering electives
- Course offered by KGCOE (see restrictions on department website and check course with your advisor before registering)
- Select Computer Science courses (see course listing on department website)

Courses need not be from the same discipline; pre-requisites apply.

Math/Science Electives

These two courses must be offered by a program in the College of Science that is either a required course or valid elective course in that program. See department website for recommendations and approval process.

This is a recommended course sequence. Individual schedules may vary. You are responsible for verifying course offerings and prerequisites. Please seek the guidance of your academic advisor as necessary. For additional information refer to the department's website (www.se.rit.edu).

Wellness Education Requirement

Complete two different wellness classes with distinct course numbers. Details and a list of courses can be found on SIS via the "activity" attribute.

General Education Framework

This curriculum satisfies RIT's General Education Framework requirements. See the RIT website for more details.

Perspectives: Complete a course in each of the Social, Artistic, Ethical, and Global perspective categories. The other three perspectives are specified by required courses in the SE program.

Immersion: Select an Immersion approved in the General Education Framework. An immersion consists of three pre-defined upper level courses focusing on one topic area.

Key

 Software Engineering Courses
 Computer Science Courses
 Computer Engineering Courses
 Engineering Electives
 Professional Elective
 Math and Science Courses
 General Education
 Free Electives

Course Name
Course Number (Credits)

→ Prerequisite
 - - - - - Corequisite

Courses with "C- or Better" Grading Requirements

Some courses require a C- or better to progress (see pre-requisites listed on SIS), including but not limited to:

- Calculus sequence
- Computer Science sequence
- University Physics sequence
- Software Subsystems, SWEN-262

Co-op

The co-op requirement is a minimum of two semesters and one summer. You must fulfill this requirement before registering for Senior Project (SWEN-561). You are responsible for coordinating academic terms within your course schedule to complete co-ops.

Pre-requisites for co-op include Engineering of Software Subsystems (SWEN-262 with C- or better), Communication (COMM-253), and attendance at a department co-op orientation session.