

# Change of Major into Software Engineering (BS)

Software Engineering

GOL (70) Rm. 1690

585-475-5461

Rochester Institute of Technology

Golisano College of Computing and Information Sciences

## Admissions criteria

- Term GPA: 3.0 preferred | 2.8 minimum
- Demonstrated success in SE-related coursework (*see reverse*)
- Admissions decisions are made case-by-case. Meeting the minimum requirements does not guarantee acceptance. Change of major applications may be denied based on the above criteria, academic standing or students' demonstrated ability to succeed in the major.

## Application steps

<b>Attend SE Info Session</b>	For session details, or to indicate interest in a future session, submit your name through the interest form: <a href="http://bit.ly/AISECoP">http://bit.ly/AISECoP</a>
<b>Change of Program Form</b>	See your current academic advisor to submit the <b>Change of Program form</b> . They will send the form to SE along with your academic record. This should be submitted by the last day of classes. <i>Send to Britt at <a href="mailto:bmsvse@rit.edu">bmsvse@rit.edu</a></i>
<b>Personal Statement</b>	A <b>personal statement</b> is required, and should address the following: <ul style="list-style-type: none"><li>• Why are you applying to Software Engineering?</li><li>• What are your academic strengths &amp; weaknesses?</li><li>• Why do you believe this major is the right "fit" for your goals and interests?</li></ul> <i>Send your statement to Britt at <a href="mailto:bmsvse@rit.edu">bmsvse@rit.edu</a></i>
<b>Math Placement Exam</b>	If you have not taken Calculus, contact <a href="mailto:examasst@rit.edu">examasst@rit.edu</a> to take the <b>Math Placement Exam</b> .
<b>Financial Aid</b>	If you are in your second year or beyond, <b>contact Financial Aid</b> to understand any aid implications of a change of major.
<b>Decision Process</b>	SE will hold your application until the end of the current term. You will be notified of the admissions decision via email, 1-2 weeks after final grades are posted.

## SE-related coursework

The listings below are for information only, and should not replace an advising conversation. Course substitutions are approved case-by-case.

The following courses are required by the BS in Software Engineering program, and are typically taken in the first and second year:

<b>Two course programming sequence:</b> <ul style="list-style-type: none"><li>• SWEN/CSEC-123 &amp; 124</li><li>• CSCI-141 &amp; 142</li><li>• ISTE-120 &amp; 121</li><li>• IGME-105 &amp; 106</li></ul>
<b>Calculus I and II</b> MATH-181 & 182 or equivalent sequence
<b>Discrete Math for Computing</b> MATH-190  <i>Previous completion of MATH-131 or MATH-200 with a B or better will be accepted as a substitution.</i>
<b>Applied Statistics</b> STAT-205  <i>Previous completion of STAT-145, MATH-251, or AP Statistics will be accepted as a substitution</i>
<b>University Physics 1 &amp; 2</b> PHYS-211 & 212
<b>Personal SE</b> SWEN-250  <i>Previous completion of CSCI-243 will be accepted as a substitution</i>
<b>Intro to Software Engineering</b> SWEN-261

## Course enrollment

- Attend an information session for course recommendations
- Many courses have restrictions:
  - Waitlist yourself when possible
  - If you cannot validate a course in your shopping cart, contact the SE Office

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- SE courses: Restricted to current majors through the first week of enrollment