SES Computing and Informatics (CI)

Q13 How effectively did the Software Engineering program meet its stated outcomes?

I am able to apply knowledge of mathematics, science and engineering (1)	▼ Very Effectively (4) ... Not Effectively (1)
I am able to design and conduct experiments, as well as to analyze and interpret data (2)	▼ Very Effectively (4) ... Not Effectively (1)
I am able to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability (3)	▼ Very Effectively (4) ... Not Effectively (1)
I am able to function on multidisciplinary teams (4)	▼ Very Effectively (4) ... Not Effectively (1)
I am able to identify, formulate and solve engineering problems (5)	▼ Very Effectively (4) ... Not Effectively (1)
I have an understanding of professional and ethical responsibility (6)	▼ Very Effectively (4) ... Not Effectively (1)
I am able to communicate effectively (7)	▼ Very Effectively (4) ... Not Effectively (1)
I have acquired the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context (8)	▼ Very Effectively (4) ... Not Effectively (1)
I have a recognition of the need for, and an ability to engage in life-long learning (9)	▼ Very Effectively (4) ... Not Effectively (1)
I have a knowledge of contemporary issues (10)	▼ Very Effectively (4) ... Not Effectively (1)
I am able to use the techniques, skills and modern engineering tools necessary for engineering practice. (11)	▼ Very Effectively (4) ... Not Effectively (1)

Q618 Please provide your comments on these outcomes and how the program might improve their delivery:

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Q619 Please rate your satisfaction with the following items:

The quality of your Software Engineering (SE) faculty (1)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of your SE TA's (2)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of the SE undergrad program (3)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of SE computing facilities (4)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
COOP_COMPLETED = 1	
The quality of your co-op experience as part of your SE education (5)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of your courses as preparation for co-op and future work (6)	▼ Very Satisfied (5) ... Very Dissatisfied (1)

Q620 Please provide any feedback or comments you have on the quality of the SE Faculty, TA's, Undergraduate Program, Computing Facilities, or Co-op Experiences:

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Q621 Do you think the courses in the program prepared you for co-op employment and future work in the software engineering field?

○ Yes, very much (4)

○ Yes, kind of (3)

○ Not very much (2)

○ Not at all (1)

Q622 What course(s) do you feel best prepared you for co-op employment and future work in the software engineering field? If yes, please specify:

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Q623 Are there any critical courses missing from the software engineering curriculum? Please specify:

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Q624 Please list the names of your co-op employers:

○ Co-op Employer 1 (1) _____

○ Co-op Employer 2 (2) _____

○ Co-op Employer 3 (3) _____

Q625 Do you participate in a professional society related to your field?

○ Yes (1)

○ No (2)

Q626 If yes, in which professional societies did you participate?

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Q627 Did you have the opportunity to conduct research as an undergraduate?

○ Yes (1)

○ No (2)

Q628 List any opportunities where you have applied your technical skills in your community.

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Q629 How do you keep technologically current?

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Q630 Please provide any additional comments that you would like to share with your department:

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Q38 Please rate your satisfaction with the following items:

The quality of courses in your major (1)	▼ Very Satisfied (4) ... Not Applicable (5)
The quality of instruction in your major (2)	▼ Very Satisfied (4) ... Not Applicable (5)
The quality of TA support in your major (3)	▼ Very Satisfied (4) ... Not Applicable (5)
The overall quality of your undergrad program (4)	▼ Very Satisfied (4) ... Not Applicable (5)
The quality of computing facilities in your College (5)	▼ Very Satisfied (4) ... Not Applicable (5)
COOP_COMPLETED = 1 The quality of your co-op experience (6)	▼ Very Satisfied (4) ... Not Applicable (5)

Q39 Please provide any comments you have on the quality of the items you rated above.

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Q40 Please rate your level of agreement with the following statements about your educational outcomes:

I am able to apply knowledge of computing and mathematics appropriate to computing (1)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to analyze a problem, and identify and define the computing requirements appropriate to its solution (2)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs (3)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to function effectively on teams to accomplish a common goal (4)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I understand professional, ethical, legal, security and social issues related to computing (5)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to communicate effectively with a range of audiences (6)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to analyze the local and global impact of computing on individuals, organizations, and society (7)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I recognize the need for and am able to engage in continuing professional development (8)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to use current techniques, skills, and tools necessary for computing practice (9)	▼ Strongly Agree (5) ... Strongly Disagree (1)

Q41 Please provide your comments on the outcomes above and how the program might better help students attain them.

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Q42 Please provide any additional comments you have about your undergraduate experience:.

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Q631 You completed two tracks in the upper-level curriculum. Please indicate the tracks you completed:

☐ Algorithms & Data Structures (1)

☐ Artificial Intelligence (2)

☐ Computer Architecture (3)

☐ Computer & Network Security (4)

☐ Computer Graphics & Vision (5)

☐ Computing Systems (6)

☐ Game Design & Development (7)

☐ Human-Computer Interaction (8)

☐ Numeric & Symbolic Computation (9)

☐ Software Engineering (10)

Q632 Please rate your satisfaction with the following items:

The quality of your Computer Science (CS) Faculty (1)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of your CS TA's (2)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of the CS undergrad program (3)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
The quality of CS computing facilities (4)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
COOP_COMPLETED = 1	
The quality of your co-op experience as part of your CS education (5)	▼ Very Satisfied (5) ... Very Dissatisfied (1)
COOP_COMPLETED = 1	
The quality of your courses as preparation for co-op and future work (6)	▼ Very Satisfied (5) ... Very Dissatisfied (1)

Q633 Please provide any feedback or comments you have on the quality of the CS Faculty, TA's, Undergraduate Program, Computing Facilities, or co-op experiences below:

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Q634 How effectively did the program meet its stated outcomes?

I am able to apply knowledge of computing and mathematics appropriate to the discipline (CS6_1)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to analyze a problem, and identify and define the computing requirements appropriate to its solution (CS6_2)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs (CS6_3)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to function effectively on teams to accomplish a common goal (CS6_4)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I understand my professional, ethical, legal, security and social issues and responsibilities (CS6_5)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to communicate effectively with a range of audiences (CS6_6)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I recognize the need for and am able to engage in continuing professional development (CS6_7)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to use current techniques, skills, and tools necessary for computing practice (CS6_8)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices. (Q634_9)	▼ Strongly Agree (5) ... Strongly Disagree (1)
I am able to apply design and development principles in the construction of software systems of varying complexity. (Q634_10)	▼ Strongly Agree (5) ... Strongly Disagree (1)

Q635 Please provide your comments on these outcomes and how the program might improve their delivery:

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Q636 Are there any critical courses missing from the computer science curriculum? If yes, please specify:

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Q637 Please list the names of your co-op employers:

○ Co-op Employer 1 (1) _____

○ Co-op Employer 2 (2) _____

○ Co-op Employer 3 (3) _____

Q638 What course(s) do you feel best prepared you for co-op employment and future work in the computer science field?

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Q639 Did you have the opportunity to conduct research as an undergraduate?

○ Yes (1)

○ No (2)

Q640 List any opportunities where you have applied your technical skills in your community.

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Q641 Please provide any additional comments that you have for the CS Department:

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End of Block: CCI - CS