# Department of Software

## 1st year

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<tbody>
<tr>
<td><strong>Basis and Practice in Programming (C)</strong></td>
<td><strong>Computer Programming for Engineers</strong></td>
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<tr>
<td><strong>Introduction to Computer Engineering</strong></td>
<td><strong>Data Structures</strong></td>
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<tr>
<td><strong>Problem Solving (CSE-C/L)</strong></td>
<td><strong>Algorithms</strong></td>
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<td><strong>Digital Logic Circuits</strong></td>
<td><strong>System Program</strong></td>
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<td><strong>Introduction to Computer Architectures</strong></td>
<td><strong>Operating Systems</strong></td>
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<td><strong>Automata</strong></td>
<td><strong>Computer Networks</strong></td>
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<td><strong>Software Experiment 1 (Java)</strong></td>
<td><strong>Software Experiment 2 (Unix)</strong></td>
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<td><strong>Industry-Academy Cooperation Project 1</strong></td>
<td><strong>Logic Design Laboratory (ICE-C/L)</strong></td>
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<td><strong>Open Source Software Practice</strong></td>
<td><strong>Software Experiment 3 (Mobile)</strong></td>
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<td><strong>Software Experiment 4 (Web)</strong></td>
<td><strong>Software Engineering Project</strong></td>
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<td><strong>Team Project 1</strong></td>
<td><strong>Operating System Project</strong></td>
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<td><strong>Team Project 2</strong></td>
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<td><strong>Capstone Design Project</strong></td>
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## Freshman Seminar
- Academic Writing /Scientific & Technical Writing
- English Writing
- English Presentation

## Core

### Basic Skills
- English Writing
- English Presentation

### Math
- Discrete Mathematics
- Linear Algebra
- Calculus 1
- Calculus 2
- Probability and Statistics
- Engineering Mathematics 1

## Natural Sciences

### General Physics
- General Physics 1
- General Physics 2
- General Physics Laboratory 1
- General Physics Laboratory 2

### General Chemistry
- General Chemistry 1
- General Chemistry 2
- General Chemistry Laboratory 1
- General Chemistry Laboratory 2

### Biological Science
- Biological Science 1
- Biological Science 2
- Biological Science Laboratory 1
- Biological Science Laboratory 2