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|-----|-------------------------------------|---|--|
| E-1 | POLS 1101 American Government | 3 | |
| E-2 | HIST 2111 <i>or</i> 2112 US History | 3 | |
| E-3 | HIST 1100, 1111, <i>or</i> | | |

Prerequisites

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|--|-----------------------------------|---|--|
| Math/Science Electives (8 hours total) Make an appointment with a CCSE Academic Advisor to discuss the course options for this requirement | Varies | 4 | |
| | Varies | 4 | |
| CSE 3153 Database Systems | CSE 1322/L | 3 | |
| CSE 3801 Professional Practices and Ethics | CSE 1322/L | 2 | |
| CS 3305 Data Structures | CSE 1322/L & (MATH 2345/CSE 2300) | 3 | |
| CS 3503 Computer Organization & Architecture | CSE 1322/L | 3 | |
| CS 3502 Operating Systems | CS 3503 & CS 3305 | 3 | |
| SWE 3313 Intro to Software Engineering | CSE 1322/L | 3 | |
| SWE 3623 Software Systems Requirements | SWE 3313 & (MATH 2345/CSE 2300) | 3 | |
| SWE 3633 Software Architecture and Design | SWE 3313 | 3 | |
| SWE 3643 Software Testing & Quality Assurance | SWE 3313 | 3 | |
| SWE 4324 User-Centered Design | SWE 3313 | 3 | |
| SWE 4663 Software Project Management | SWE 3313 & MATH 2332 | 3 | |
| SWE 4713 SWE Application Domain | SWE 3626, SWE 3643© & SWE 4663© | | |

All major courses must have a minimum grade of 'C,' except for CSE 1321/L and CSE 1322/L, which must have a minimum grade of 'B.'

(MATH 2345/CSE 2300) denotes either course will complete the 2nd part of the prerequisite requirement.

© = concurrent permitted

List 1 (Choose 1 or 2 courses)

Prerequisites

List 2 (Choose 0 or 1 courses)

Prerequisites