

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

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

© = concurrent permitted

## List 1 (Choose 1 or 2 courses)

## Prerequisites

## List 2 (Choose 0 or 1 courses)

## Prerequisites