

## B.S. in Computer Engineering (4 Yr Plan of Study for students starting with **MATH114**)

Revised: August 1, 2018

Year	Fall	Spring	J-Term/ Summer
1	<b>ENGR150</b> - Intro to Engineering  <b>MATH114</b> - Calculus II  <b>PHYS211</b> - Introduction to Classical Physics I  <b>PHIL 115</b> <b>ENGL 121</b> - Critical Thinking: Literature and Writing	<b>CISC130</b> - Introduction to Programming and Problem Solving  <b>PHYS212</b> - Introduction to Classical Physics II  <b>ENGR230</b> - Digital Design  <b>Fine Arts</b>	<b>THEO 101</b>
2	<b>ENGR240</b> - Circuit Analysis  <b>CISC230</b> - Object-Oriented Design and Programming  <b>ENGR330</b> - Microprocessor Architectures  <b>ENGL 201-204</b> - Texts in Conversation	<b>PHIL 214/215</b>  <b>MATH210</b> - Introduction to Differential Equations and Systems  <b>ENGR331</b> - Designing with Microprocessors  <b>Foreign Language I</b>	<b>THEO 2XX/3XX</b>
3	<b>ENGR345</b> - Electronics I  <b>ENGR431</b> - Design of Embedded Systems  <b>MATH128</b> - Intro to Discrete Math  <b>Foreign Language II</b>	<b>CISC231</b> - Data Structures using Object-Oriented Design  <b>ENGR 432</b> - Current Trends in Computing Systems  <b>ENGR/CISC Technical Elective I</b>  <b>Foreign Language III</b>	<b>THEO 4XX</b>
4	<b>ENGR480</b> - Engineering Design Clinic I  <b>CISC610</b> - Software Engineering  <b>Science/Math Elective I</b>  <b>Social Analysis</b>	<b>ENGR481</b> - Engineering Design Clinic II  <b>ENGR/CISC Technical Elective II</b>  <b>Science/Math Elective II</b>  <b>Historical Studies</b>	

Following **CISC/ENGR** courses are offered both semesters and may be taken in either term IF pre-requisites are satisfied:

ENGR150, ENGR230, ENGR240, ENGR331  
CISC130, CISC230, CISC231, CISC610