B.S. in Computer Engineering
(4 Yr Plan of Study)

Revised: August 1, 2018

Year	Fall	Spring	J-Term/ Summer
	ENGR150 - Intro to Engineering		**THEO 101**
1	**MATH113** - Calculus I	**MATH114** - Calculus II	
	CISC130 - Introduction to Programming and Problem Solving	**PHYS211** - Introduction to Classical Physics I	
	PHIL 115	**ENGR230** - Digital Design	
	ENGL 121 - Critical Thinking: Literature and Writing	**Fine Arts**	
2	**PHYS212** - Introduction to Classical Physics II	**ENGR240** - Circuit Analysis	
	CISC230 - Object-Oriented Design and Programming	**MATH210** - Introduction to Differential Equations and Systems	**THEO 2XX/3XX**
	ENGR330 - Microprocessor Architectures	**ENGR331 -** Designing with Microprocessors	
	ENGL 201-204 - Texts in Conversation	**Foreign Language I**	
3	**ENGR345 -** Electronics I	**CISC231** - Data Structures using Object-Oriented Design	**PHIL 214/215**
	ENGR431 - Design of Embedded Systems	**ENGR 432** - Current Trends in Computing Systems	
	MATH128 - Intro to Discrete Math	**ENGR/CISC Technical Elective I**	
	Foreign Language II	**Foreign Language III**	
4	**ENGR480** - Engineering Design Clinic I	**ENGR481** - Engineering Design Clinic II	
	CISC610 - Software Engineering	**ENGR/CISC Technical Elective II**	**THEO 4XX**
	Science/Math Elective I	**Science/Math Elective II**	
	Social Analysis	**Historical Studies**	

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