

Diploma in Engineering (72 credit hours)

Program Requirements

2019-20
Calendar

Arts (6 credit hours)	Engineering Core (30 credit hours)	Science Core (27 credit hours)
ENGL 1205 Introduction to Literature	EGNE 1206 Technical Communications	MATH 1210 Introductory Calculus I
HIST 1301 History of Science & Technology	EGNE 1210 Engineering Design Graphics (Design 1)	MATH 1211 Introductory Calculus II
	EGNE 1204 Computer Methods for Engineers	PHYS 1210 University Physics I
	EGNE 1203 Engineering Mechanics (Statics)	PHYS 1211 University Physics II
	EGNE 2302 Engineering Economics	CHEM 1210 General Chemistry I
	EGNE 2303 Thermo-Fluid Engineering I	CHEM 1213 General Chemistry II for Engineering
	EGNE 2304 Mechanics of Deformable Bodies	MATH 2301 Applied Linear Algebra
	EGNE 2307 Engineering Design II	MATH 2311 Intermediate Calculus
	EGNE 2308 Electric Circuits	MATH 2303 Differential Equations I
	EGNE 2309 Probability & Statistics	

Discipline - Specific (9 credit hours)		
Mechanical	Civil / Environmental	Electrical
EGNE 2301 Dynamics	EGNE 2301 Dynamics	CSCI 2301 Data Structures
CSCI 2301 Data Structures	EGNE 2306 Thermo-Fluid Engineering II	EGNE 2305 Introduction to Digital Logic Circuits
EGNE 2306 Thermo-Fluid Engineering II	GEOL 1204 Geology for Engineers	EGNE 2311 Circuit Analysis (Circuits II)
Chemical	Mineral	Industrial
CHEM 2344 Organic Chemistry I	EGNE 2301 Dynamics	CSCI 2301 Data Structures
EGNE 2401 Process Engineering	EGNE 2306 Thermo-Fluid Engineering II	EGNE 2306 Thermo-Fluid Engineering II
EGNE 2306 Thermo-Fluid Engineering II	GEOL 1204 Geology for Engineers	EGNE Elective

NOTES:

 Shaded cells = *suggested* schedule Year 1

Total number of credit hours required for the Diploma in Engineering is 72.

Every effort is made to ensure that the information summarized here is accurate. Students are reminded that the University Academic Calendar is the official source of Program information.

Diploma in Engineering Program Requirements

Tentative Course Schedule				
<i>** subject to change; official schedule available on Banner</i>				
Course	Semester			
	Fall (Sept-Dec)	Winter (Jan-Apr)	Summer I (May-June)	Summer II (July-Aug)
EGNE 1206	**			
EGNE 1210	**		**	
EGNE 1203		**	**	
EGNE 1204		**	**	
MATH 1210	**	**	**	
MATH 1211	**	**	**	
PHYS 1210	**	**		
PHYS 1211		**	**	
CHEM 1210	**	**		
CHEM 1213		**	**	
ENGL 1205	**	**	**	**
HIST 1301	**	**		**
EGNE 2302		**		**
EGNE 2303	**	**		
EGNE 2304	**	**	**	
EGNE 2307	**	**		
EGNE 2308	**	**		
EGNE 2309		**		**
MATH 2301	**		**	
MATH 2311	**		**	
MATH 2303		**		**
EGNE 2301	**		**	
EGNE 2305	**			
EGNE 2306		**		**
EGNE 2311		**		
CSCI 2301	**			
EGNE 2401		**		
GEOL 1204	**		**	