

Department of Civil and Environmental Engineering

Civil Engineering Program

Possible 4 Year Course Plan

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING	FALL	WINTER	SPRING
Math / Science Requirements											
CALCULUS		LIN	CALC	DIF			STATS				
MTH	MTH	ALG	IV	EQ I			451CM				
251	252	MTH	MTH	MTH							
261	254	256	PHYSICS								
CHEM	CHEM		PH	PH	PH						
CH	CH		221	222	223						
221	222		PH 214	PH 215	PH 216						
CH 227	CH 228										
							GEOL				
							ENGR				
							G 301				
Engineering / Computer Science Requirements											
ENGR		ENGR	STATIC	STREN	DYNAM	FLUID	HYDR-	SOIL	GEOTE		
PROB		GRAPH	EAS	OF MAT	EAS	MECH	AULICS	CLASS	DES	B	B
SOLV		EAS 115	211	EAS	EAS	EAS 361	CE 362	CE 341	CE 444		
EAS 101											
					PLANE	CE	STRUC	INDET	URBAN	B	B
					SURV	MAT	ANAL	STRUC	TRANS		
					CE 211	CE 321	CE 324	CE 325	CE 454		
					CE 212						
						TRAN	ENVIR	WATER	A	CE	CE
						SYS	ENGR	RES		DSGI	DSGII
						CE 351	CE 371	CE 364		CE 484	CE 494
						ENGR					B
						THERM					
						ME 321					
						CE 315					
General Education Requirements (see reverse side)											
FRESHMAN INQUIRY			SOPHOMORE INQUIRY				PRIV	UNST	UNST		
							PUBLIC	UP DIV	UP DIV		
UNST	UNST	UNST	UNST	UNST	UNST		INVEST	CLUST	CLUST		
101	102	103	299	299	299		EC314U				

EXPLANATION

CREDIT HOURS

1	A – CE 432 OR CE 434	TRANSFER STUDENTS MAY SUBSTITUTE	2007-2008
2	B – APPROVED CE ELECTIVE	PHYSICS 211-213 FOR PHYSICS 221-223	
3	CE 484 & 494 FULFILL UNST CAPSTONE	REFER TO BACK PAGE FOR GEN. ED. REQ	
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Undergraduate Engineering Programs

General Education Requirements

There are **two** (2) separate sets of general education requirements:

1. University Requirements
2. Maseeh College of Engineering and Computer Science (MCECS) Requirements

You must satisfy **BOTH** sets of requirements.

University Requirements

- A. Freshman entering with 29 or fewer prior university/college credits must complete all University Studies Requirements, including freshman and sophomore inquiry sequences and upper division cluster courses.
- B. Continuing and transfer students with 30-44 prior university/college credits must complete the following program:
 - Transfer Transition Course UnSt 201-210
 - University Studies beginning with Sophomore Inquiry
- C. Continuing and transfer students with 45-89 prior university/college credits must complete the following program:
 - Sophomore Inquiry: 45-59 credits, three courses; 60-74 credits, two courses; 75-89 credits, one course. The upper division cluster must be linked with one of these Sophomore Inquiry courses.
- D. Continuing and transfer students with 90 or more prior university/college credits must complete the following program:
 - University Studies requirements beginning with Upper Division Cluster courses. It is strongly recommended that students also take the single Sophomore Inquiry course that is linked to the chosen Upper Division Cluster.

Maseeh College of Engineering and Computer Science General Education Requirements

- a) Freshmen admitted beginning with the 1994-95 academic year satisfy the PSU general education requirement with the University Studies Program.
- b) Transfer students must have a minimum of 39 credits of University Studies courses and/or Arts and Letters/Social Science courses at their previous college or at PSU prior to graduation. 12 of these credits are upper division cluster courses that must be taken at PSU.
- c) Transfer students who have not taken Freshman Inquiry must have completed SP 100 (or equivalent) and WR 121 as part of the 39 credits of Arts and Letters/Social Sciences.
- d) All engineering students must complete EC 314U Public and Private Investment. Students may use EC 314U as a University Studies course in the Community Studies Cluster, the Knowledge, Rationality, and Understanding Cluster, or the Culture of Professions Cluster.

Students should consult with their academic advisor or department chair regarding these requirements.

Last updated: 12/2007