

DEGREE CHECKOUT SHEET FOR STUDENTS ENTERING FALL 2017 OR LATER

(rev. 23 August 2018)



Department of Civil Engineering

Student:

Advisor:

Date:

BASIC SCIENCE		Credits	When	Earned
171.101	General Physics I ⁽¹⁾	4		
173.111	General Physics Lab I	1		
171.102	General Physics II ⁽¹⁾	4		
173.112	General Physics Lab II	1		
030.101	Introductory Chemistry I	3		
030.105	Introductory Chemistry Lab	1		
510.106	Found. of Materials Sci & Eng.	3		
_____	Basic Science Elective ⁽²⁾	3		
Total Basic Science		20		0

MATHEMATICS		Credits	When	Earned
110.108	Calculus I	4		
110.109	Calculus II	4		
553.291	Linear Algebra & Differential Eq.	4		
110.202	Calculus III	4		
Total Mathematics		16		0

HUMANITIES AND SOCIAL SCIENCES		Credits	When	Earned
Humanities (H) or Social Sciences (S)				
		3		
	H/S Elective 1 ⁽³⁾	3		
	H/S Elective 2	3		
	H/S Elective 3	3		
	H/S Elective 4	3		
	H/S Elective 5	3		
	H/S Elective 6	3		
	Writing Requirement Fulfilled ⁽³⁾ <input type="checkbox"/>			
Total Humanities and Social Sciences		18		0

FREE ELECTIVES		Credits	When	Earned
	Free Elective 1	3		
	Free Elective 2	3		
	Free Elective 3	1		
Total Free Electives		7		0

Identified Notes

- (1) 171.101 Physics I may be substituted with 171.107 Physics I (AL format) and 171.102 Physics II may be substituted with 171.108 Physics II (AL format)
- (2) Basic Sciences include courses in or related to: astronomy, biology, climatology, ecology, geology, meteorology, & oceanography
- (3) Check box to indicate that the writing requirement was fulfilled by 060.113/114 Expository Writing or a 300-level, writing-intensive (H) or (S) elective
- (4) E credit 300 level or greater aligned with a civil technical area, typically 560.XXX
- (5) E credit 300 level or greater, or Q,N credit 300 level or greater and advisor permission

General Notes:

- Pass/Fail (S/U):**
No more than one course per semester S/U
No required course may be S/U
Technical Electives may be S/U only with advisor permission
Max. number of H/S credits that may be taken S/U is 3
- Credit limit:**
Maximum number of credits per semester is 19.5 (18 for freshmen)
- D Grades:**
No more than two grades of D are allowed in required eng. and technical electives

Briefly note any waivers / exceptions requested by student.

CIVIL - ENGINEERING FUNDAMENTALS		Credits	When	Earned
560.141	Perspectives on ... Structures	3	SP	
560.201	Statics and Mech. of Materials	4	FA	
560.202	Dynamics	4	SP	
560.206	Solid Mech. & ... Structures	3	SP	
560.207	CE Undergrad Research Lab	1	SP	
560.220	Civil Engineering Programming	3	FA	
560.305	Soil Mechanics	4	FA	
560.320	Structural Design I	3	FA	
560.325	Structural Design II	3	SP	
560.348	Prob & Stats for Engineers	3	SP	
570.351	Fluid Mechanics	3	FA	
Total Civil Engineering Fundamentals		34		0

CIVIL - PROFESSIONAL PRACTICE		Credits	When	Earned
661.110	Prof. Communication	3		
660.361	Engineering Business & Mgmt	3		
560.491	CE Seminar I	0.5		
560.492	CE Seminar II	0.5		
560.451	CE Design I	2	FA	
560.452	CE Design II	3	SP	
	Fundamentals of Engineering (FE) Exam	0		
Total Professional Practice		12		0

CIVIL - TECHNICAL AREAS (choose min. of 4 Credits)		When	Earned
Engineering Mechanics			
560.404	Engineering Mechanics	3	FA
Geotechnical Engineering			
560.330	Foundation Design	3	SP
Environmental Engineering			
570.303	Env. Eng. Principles & Applications	3	FA
Water Resources			
570.353	Hydrology	3	FA
Structural Engineering			
560.445	Advanced Structural Analysis	3	FA
Systems Engineering			
560.442	Equilibrium Models in Systems Eng	3	SP
Total Civil Engineering Technical Area		12	0

TECHNICAL ELECTIVES		Credits	When	Earned
		3		
	E credit In Civil Tech. Area ⁽⁴⁾	3		
	E credit 300 or greater	3		
	Tech Elective 300 or greater ⁽⁵⁾	3		
Total Technical Electives		9		0

GRAND TOTAL		Credits	Taken	
Minimum Required		128		0

Signatures below indicate that the signer has reviewed the correspondence between the student's official transcript and this degree checkout sheet, and that this review shows all requirements for graduation have been met.

Advisor Signature:

Chair Signature:

Academic Coordinator Signature: