

DEGREE CHECKOUT SHEET FOR STUDENTS ENTERING FALL 2020 OR LATER

(rev. 7 June 2020)



The Department of Civil and Systems Engineering

Student:

Advisor:

Date:

BASIC SCIENCE		Credits	When	Earned
171.101	General Physics I ⁽¹⁾	4		
173.111	General Physics Lab I ⁽²⁾	1		
560.112	Electromagnetism & Sensors Lab	1		
030.101	Introductory Chemistry I	3		
030.105	Introductory Chemistry Lab	1		
270.103	Intro. to Global Environmental Change	3		
_____	Natural Science Elective	3		
Total Basic Science		16		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	3		
	Free Elective 4	3		
Total Free Electives		12		0

Identified Notes

- (1) 171.101 Physics I may be substituted with 171.107 Physics I (AL format)
- (2) If a student earns AP credit for Physics I, he or she MUST still take either General Physics Lab I (173.111) or another 1 credit N laboratory course.
- (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

General Notes:

Pass/Fail (S/U):

No more than one course per semester may be taken S/U
 No required course may be taken 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 below any waivers / exceptions agreed upon between student and advisor:

CaSE FUNDAMENTALS		Credits	When	Earned
560.100	Civilization Engineered	3		
500.113	Gateway Computing: Python	3		
560.201	Statics & Mechanics of Materials	3		
560.211	Statics & Mech of Mat'ls Lab	1		
560.240	Unc., Rel., and Decision-Mkg	3		
560.250	Intro. to Mathematical Dec-Mkg	3		
560.255	Dynamical Systems	3		
560.301	Structural Systems I	3		
560.302	Structural Systems II	3		
560.305	Soil Mechanics	4		
560.330	Foundation Engineering	3		
560.362	Engineering Mechanics & Materials	3		
560.462	Failure Mech in Structural Mat'ls	3		
560.458	Natural Disaster Risk Modeling	3		
Total Civil Engineering Fundamentals		41		0

CaSE EXPERIENCES		Credits	When	Earned
560.191	CaSE Collaborative	0.5		
560.192	CaSE Design	0.5		
560.291	CaSE Coding	0.5		
560.292	CaSE Research	0.5		
560.391	CaSE Careers I	0.5		
560.392	CaSE Careers II	0.5		
Total Professional Practice		3		0

CaSE - PROFESSIONAL PRACTICE		Credits	When	Earned
661.110	Prof. Writing & Communication	3		
660.361	Engineering Business & Mgmt	3		
560.401	Design Theory & Practice	3		
560.402	Integrated Design Project	3		
	Fundamentals of Engineering (FE) Exam	0		
Total Professional Practice		12		0

CaSE TECHNICAL ELECTIVES		Credits	When	Earned
_____	_____	3		
_____	_____	3		
_____	_____	3		
Total CaSE Technical Electives		9		0

GRAND TOTAL		Credits	When	Taken
Minimum Required		127		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: