

Upper Division Admission Requirements

◆ REQUIRED for upper-division admission. Contact an advisor if courses will be in-progress at the time of application.

◇ REQUIRED for graduation. (If diamond covers more than one course either will satisfy the requirement)

Mathematics

Course #	Cr	Title	Aero/Astro	Civil	Electrical	Industrial	Materials Sci.	Mech.
Math 124, 125, 126	(5,5,5)	Cálc I,II,III	◆	◆	◆	◆	◆	◆
Math 307	(3)	Diff Equations	◆	◇	◇	◇	◆	◇
Math 308	(3)	Matrix Algebra	◆	◆	◇	◇	◇	◇
Math 309	(3)	Linear Alegbra					◇+	
Math 324	(3)	Adv. Calc I	◆+		◇		◇+	◇
Math/Stat 390	(4)	Prob. & Stat.					◇+	
IND E 315	(3)	Prob. & Stat. for Engr		◇	◇	◇	◇+	◇

◆+ Must be taken no later than Aut. Qtr. of admission, ◇+ Department requires one additional math/stats course from this list

Note: Some departments will accept the AMATH equivalent for Math 307-309. Please see department for more info.

Natural Sciences

Course #	Cr	Title	Aero/Astro	Civil	Electrical	Industrial	Materials Sci.	Mech.
Chem 142	(5)	Gen Chem I/lab	◆	◆	◆	◆	◆	◆
Chem 152	(5)	Gen Chem II/lab	◇*	◇		◆	◆	◆
Phys 121	(4/1)	Mechanics/lab	◆	◆	◆	◆	◆	◆
Phys 122	(4/1)	Elec & Mag/lab	◆	◆	◆	◆	◆	◆
Phys 123	(4/1)	Waves/lab	◆	◇	◇	◆	◇	◇

◇* Recommended

Communication

Course #	Cr	Title	Aero/Astro	Civil	Electrical	Industrial	Materials Sci.	Mech.
Engl. Comp	(5)		◆	◆	◆	◆	◆	◆
HCDE 231	(3)	Tech Writing	◆	◇	◇	◇	◇	◆
HCDE 333	(4)	Adv. Tech Writing	◇*		◇	◇*	◇*	◇*

◇* Departments will accept approved communications course - see department for list of approved courses.

Engineering Fundamentals

Course #	Cr	Title	Aero/Astro	Civil	Electrical	Industrial	Materials Sci.	Mech.
AMATH 301	(4)	Scientific Computing	◆+	◆*			◆*	◇
CSE 142	(4)	Computer Prog. I		◆*	◇	◇	◆*	
MSE 170	(4)	Materials Science				◇	◆	◇
AA 210	(4)	Statics	◆	◆		◇	◇	◆
CEE 220	(4)	Mech. Of Materials	◆	◆		◇	◇	◆
ME 230	(4)	Dynamics	◆	◆		◇		◆
EE 215	(4)	Intro to Elec. Engr.			◇	◇		◇
ME 123	(4)	Visualization & CAD						◇
AA 260	(4)	Thermodynamics	◆					

◆*Either AMATH 301 or CSE 142 accepted by CEE & MSE. CEE prefers AMATH 301.

◆+ AMATH 301 must be taken no later than Autumn quarter of admission.

Department Contact Info
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All UW course numbering. Please use the UW Transfer Equivalency Guide to determine the course number at your community college. <http://admit.washington.edu/Requirements/Transfer/Plan/EquivalencyGuide>