

Dual Degree Program

Computer Science Sample Curriculum

	WU Course	Fall	Spring
Home Institution (3-4 years)			
Calculus II, III	Math 132, 233	3	3
Differential Equations	Math 217	3	
General Physics I, II	Physics 117A, 118A	4	4
General Chemistry I	Chem 111A	3	
General Chemistry Laboratory I	Chem 151	2	
Computer Science I, II	CSE 131, 132	3	3
English Composition	ECMP 100		3
Humanities and social science electives		9	9
Additional home institution degree requirements		varies	varies
	Subtotal	60+ to transfer	
First Year of Dual Degree Curriculum at WU			
Logic and Discrete Mathematics	CSE 240	3	
Algorithms and Data Structures	CSE 241	3	
Introduction to Digital Logic and Computer Design or Introduction to Systems Software	CSE 260M or 361S	3	
Object-Oriented Software Development Lab	CSE 332S		3
Technical Writing	ENGR 310		3
Engineering Mathematics or Matrix Algebra	ESE 318 or ESE 319 or Math 309		3
Probability and Statistics for Engineering	ESE 326	3	
Free elective		3	6
	Subtotal	15	15
Second (Final) Year of Dual Degree Curriculum at WU			
Operating Systems Organization or Programming Systems and Languages	CSE 422S or 425S	3	
Software Engineering Workshop	CSE 436S	3	
Computer Science electives		9	9
Engineering Professional Practice* or Free Elective	EN 4501, 4052, 4503		3
Free elective			3
	Subtotal	15	15
60 units or more must be taken at Washington Univ.	Total	60+ for WU degree	

*Engineering Professional Practice required if student did not complete 300-400 social science course at their home institution