

**Dual Degree Program**
**Computer Engineering Sample Curriculum**

	WU Course	Fall	Spring
<b>Home Institution (3-4 years)</b>			
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
	<b>Subtotal</b>	<b>60+ to transfer</b>	
<b>First Year of Dual Degree Curriculum at WU</b>			
Logic and Discrete Mathematics	CSE 240	3	
Algorithms and Data Structures	CSE 241	3	
Intro to Digital Logic and Computer Design	CSE 260M		3
Introduction to Systems Software	CSE 361S	3	
Technical Writing	ENGR 310		3
Introduction to Electrical Networks	ESE 230	4	
Introduction to Electronic Circuits	ESE 232		3
Free Electives		3	3
Computer Engineering Electives			3
	<b>Subtotal</b>	<b>16</b>	<b>15</b>
<b>Second (Final) Year of Dual Degree Curriculum at WU</b>			
Computer Architecture	CSE 362M	3	
Computer Engineering Electives		9	12
Probability and Statistics for Engineering	ESE 326	3	
Engineering Professional Practice* or Free Elective	EN 4501, 4052, 4503		3
	<b>Subtotal</b>	<b>15</b>	<b>15</b>
60 units or more must be taken at Washington Univ.	<b>Total</b>	<b>60+ for WU degree</b>	

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