

Transfer credit				
This is a list of frequently transferred courses. See the bottom of this spreadsheet for some additional courses or https://catalog.utoronto.ca/academic/graduate-study/future-student/transfer-credit/transfer-credit-equivalency for the full list of transfer credits accepted at UVA engineering.				
UVA course	Name	UVA credits	VCC number or note	Notes
4	No transfer credit		SDV 100 or 101	
8	HSS1 Elective Credits	3	ENG 111	
17, 18-1	ENGR 1010 Engineering Foundation 1	4	EGR 121 and 122 (5 credits total)	
	ENGR 1020 Engineering Foundation 2	3	ENG 113 (or 112, but preference is 112)	
7	UE 1 Unrestricted elective credits	3	Typ. UCGS Art or humanities	
8	UE 2 Unrestricted elective credits	3	Typ. UCGS Art, humanities, or lit	
12	HSS 2 Elective Credits	3	Typ. UCGS history	
9	HSS 3 Elective credits	3	Typ. UCGS social/behaviour science	
11	APMA 1090 Calculus I	3	MTH 263 (4 credits, 1 will count toward 2130)	
13	APMA 1110 Single Variable Calculus II	4	MTH 264	
15-16	APMA 2120 Multivariable Calculus	4	MTH 265	
	APMA 2130 Ordinary Differential Equations	4	MTH 267 (only 3 credits, but if you took MTH 263, the extra credit from that will fulfill the 4th APMA 2130 credit)	
15-16	PHYS 1425 Introductory Physics 1 for Engineers	3	PHY 241	
	PHYS 1429 Introductory Physics 1 Workshop	1		
10	CHEM 1610 Introductory Chemistry I for Engineers	3	CHM 111	
10	CHEM 1611 Intro Chemistry I for Engineers Laboratory	1		
18-2	CS 111x Introduction to Programming	3	EGR 125 or CSC 221	
18-3	Tech elective 1 Elective credits	3		
c	Computer Systems and Organization 1		CSC 215 (will require 1 additional credit to achieve the 4 credit requirement for CS 2130)	Highly recommended to take before UVA based on past student feedback
		3		
	UE 3 Unrestricted elective credits	3		
	UE 3 Unrestricted elective credits	2		
	Math elective Math elective credits	3	Typically linear algebra MTH 266	

This schedule assumes you are entering UVA with third-year status but without credit for ECE 2300 Applied circuits. Instead, it assumes you took a different 3-credit technical elective. There are two suggested paths forward for students in this scenario: (1) take 1-2 summer courses or (2) plan for a 2.5 year degree. The second option allows for lighter semesters and is a good choice especially if you plan to work while studying.

Year 2-3 Summer		
Number	Name	Credits
APMA 3100	Probability	3
		3

Year 3-4 Summer		
Number	Name	Credits
STS 4500	STS and Engineering Practice	3
		3

Year 3 Fall		
Number	Name	Credits
STS 2600	Engineering Ethics	3
ECE 2330	Digital Logic Design	3
ECE 2300	Applied Circuits	3
ECE 2200	Applied Physics: Electricity and Magnetism	4
ECE 2410	Introduction to Machine Learning	3
		16

Year 4 Fall		
Number	Name	Credits
ECE Elective 2	Elective credits	3
ECE Elective 3	Elective credits	3
ECE 3430	Intro Embedded Comp Systems	4
ECE Elective 4	Elective credits	3
ECE elective 5	Elective credits	3
		16

Year 3 Spring		
Number	Name	Credits
ECE elective 1	Elective credits	3
Tech elective 2	Elective credits	3
ECE 2600	Electronics	3
ECE 2700	Signals and Systems	3
Math/Science	Elective Credits	3
		15

Total: 34

Year 4 Spring		
Number	Name	Credits
STS 4600	The Engineer, Ethics, and Professional Responsibility	3
ECE Elective 6	Elective credits	3
ECE 4991	MDE Capstone Design	4.5
ECE Lab	Elective lab credits	1.5
CS 3xxx	Independent study (make up one credit)	1
		13

Total: 32

GRADUATION TOTAL: 128
Credits in residence at UVA (must): 66

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UVA course	Name	UVA credits	VCC number or note	Notes
Math/Science	Elective Credits	3		
ECE 2600	Electronics	3	EGR 272	
		4	PHY 242	
ECE 2200	Applied Physics: Electricity and Magnetism			Highly recommended to leave for UVA based on past student feedback
ECE 2330	Digital Logic Design	3	EGR 270 (1 credit toward unrestricted elective)	Highly recommended to leave for UVA based on past student feedback
ECE 2600	Electronics	3	EGR 272	
ECE 2700	Signals and Systems	3	EGR 261	

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No transfer credit			SDV 100 or 101	
HSS1	Elective Credits	3	ENG 111	
ENGR 1010	Engineering Foundation 1	4	EGR 121 and 122 (5 credits total)	
ENGR 1020	Engineering Foundation 2	3	ENG 113 (or 112, but preference is 112)	
UE 1	Unrestricted elective credits	3	Typ. UCGS Art or humanities, or lit	
UE 2	Unrestricted elective credits	3	Typ. UCGS history	
HSS 2	Elective Credits	3	Typ. UCGS social/behaviour science	
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APMA 1090	Calculus I	3	MTH 263 (4 credits, 1 will count toward 2130)	
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PHYS 1425	Introductory Physics 1 for Engineers	3	PHY 241	
PHYS 1429	Introductory Physics 1 Workshop	1		
CHEM 1610	Introductory Chemistry I for Engineers	3	CHM 111	
CHEM 1611	Intro Chemistry I for Engineers Laboratory	1		
CS 111x	Introduction to Programming	3	EGR 125 or CSC 221	
Tech elective 1	Elective credits	3		
CS 2130	Computer Systems and Organization 1	3	CSC 215 (will require 1 additional credit to achieve the 4 credit requirement for CS 2130)	
UE 3	Unrestricted elective credits	3		
UE 3	Unrestricted elective credits	2		
Math. elective	Math elective credits	3	Typically linear algebra MTH 266	

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Year 2-3 Summer		
Number	Name	Credits
		0

Year 3-4 Summer		
Number	Name	Credits
		0

Year 3 Fall		
Number	Name	Credits
STS 2600	Engineering Ethics	3
ECE 2330	Digital Logic Design	3
ECE 2300	Applied Circuits	3
APMA 3100	Probability	3
		12

Year 4 Fall		
Number	Name	Credits
ECE 2200	Applied Physics: Electricity and Magnetism	4
ECE Elective 3	Elective credits	3
ECE 3430	Intro Embedded Comp Systems	4
ECE Lab	Elective lab credits	1.5
ECE elective 1	Elective credits	3
		15.5

Year 5 Fall		
Number	Name	Credits
Math/Science	Elective Credits	3
ECE Elective 5	Elective credits	3
ECE elective 6	Elective credits	3
	The Engineer, Ethics, and Professional Responsibility	3
STS 4600		
CS 3xxx	Independent study (make up on)	1
		13

Year 3 Spring		
Number	Name	Credits
ECE 2410	Introduction to Machine Learning for Engineers	3
Tech elective 2	Elective credits	3
ECE 2600	Electronics	3
ECE 2700	Signals and Systems	3
		12

Total: 24

Year 4 Spring		
Number	Name	Credits
ECE Elective 2	Elective credits	3
STS 4500	STS and Engineering Practice	3
ECE 4991	MDE Capstone Design	4.5
ECE Elective 4	Elective credits	3
		13.5

Total: 29

Total: 13

GRADUATION TOTAL 128
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ECE 2600	Electronics	3	EGR 272	
ECE 2700	Signals and Systems	3	EGR 261	

