

ACADEMIC PATHWAYS



Sinclair College Engineering University Transfer To Bachelor of Science in Computer Engineering

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	UD CR HOURS	UD COURSE #
ENG	1101	English Composition I	3	ENG 100
ENG	1201	English Composition II	3	ENG 200
COM	2206 or 2211	Interpersonal Communication or Effective Public Speaking <i>Only UDSA students who complete the AS-EUT program will receive transfer credit for CMM 100</i>	3	CMM 2XX CMM 351
PLS ECO ECO PSY SOC	1120 2180 2160 1100 1101	2 social sciences are required for SC associates. 1 social science is needed for UD as equivalent to SSC 200.	3	SSC 200
PHI HIS REL	2205 1111 or 1112 1111 or 1112	Intro to Philosophy Western Civilization I or II Eastern Rel or Western Rel <i>SC Associates degree requires Ohio Transfer Module (2 courses from 2 different categories above). UD Bachelors requires 1 from each of the 3 departments</i>	3 3 3	PHL 103 HST 103 REL 103
MAT MAT MAT MAT	2270 2280 2290 2310	Calculus I w/ Analytic Geometry Calculus II w/ Analytic Geometry Calculus III w/ Analytic Geometry Elementary Differential Equations	4 4 4 3	MTH 168 MTH 169 MTH 218 MTH 219
CHE	1211/1251	General Chemistry I/Lab	3/1	CHM 1GF/L= CHM 123/L
PHY	2201/2207	General Physics I/Lab <i>(Lab not required for UD but is required at SC)</i>	3/1	PHY 206/210L
PHY	2202/2208	General Physics II/Lab <i>(Lab not required for UD but is required at SC)</i>	3/1	PHY 207/211L <i>(allowed in place of PHY 232)</i>
MEE	2101	Statics for Engineers	3	EGR 201
MEE	2201	Thermodynamics for Engineers	3	EGR 202
EGR	2201	Circuit Analysis/Lab	3/1	ECE 201/L
EGR	2131	Engineering Digital Design	3/1	ECE 215/L
EGR	2261	Algorithms & Programming I	4	CPS 150
	taken at UD	Algorithms & Programming II	4	CPS 151

Consult with Sinclair College Advisor for course sequencing.

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UDSA Computer Engineering Pathway – 5 semester plan for UD			
Semester 5 Summer	CR		
ECE 203	3		
ECE 204	3		
ECE 204L	1		
ECE 215	3		
ECE 215L	1		
Total	11		
Semester 6 Fall	CR	Semester 7 Spring	CR
Humanities Elective - Art	3	Humanities Elective ADV PHL/REL	3
Humanities Elective ADV HST	3		
CPS 350	3	CPS 341	3
ECE 314	3	CPS 356	3
ECE 314L	1	ECE 334	3
ECE 303	3	ECE 304	3
ECE 303L	1	ECE 304L	1
		ECE 300	0
Total	17	Total	16
Semester 8 Fall	CR	Semester 9 Spring	CR
CPS 444	3	Humanities Elective ADV PHL/REL	3
TECH EL	3	CPS EL	3
ECE 444	3	TECH EL	3
ECE 431L	3	ECE 449	3
EGR 103	2	ECE 432L	3
Humanities Elective	3	ECE 340	3
Total	17	Total	18

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