

ACADEMIC PATHWAYS



Sinclair College Engineering University Transfer To Bachelor of Civil 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 <i>is needed for UD as equivalent to SSC 200.</i>	3	SSC 200
PHI HIS REL	2205 1111or1112 1111or1112	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 depts</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
CHE	1221/1261	General Chemistry II/Lab <i>(Lab not required for UD but is required at SC)</i>	3/1	*CHM 1GS/L= CHM 124/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	PHY 207/211L
MEE	2101	Statics for Engineers	3	EGR 201
MEE	2201	Thermodynamics for Engineers	3	EGR 202
EGR	2201	Circuit Analysis/Lab	3/1	EGR 203/L
MEE	2301	Strength of Materials for Engineers	3	EGM 303
MEE	2401	Dynamics for Engineers	3	EGM 202
	taken at UD	Surveying	3	CEE 213

* Completion of both CHE-1211 and CHE-1221 are required for transfer credit.
Consult with Sinclair College Advisor for course sequencing.

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UDSA Civil Engineering Pathway 4 semester plan for UD					
Semester 5 Fall		CR	Semester 6 Spring		CR
Humanities Elective-Art		3	Humanities Elective- Adv HST		3
GEO 218		3	CEE 312		3
CEE 313		3	CEE 312L		1
CEE 313L		1	CEE 311L		2
CEE 300		0	CEE 333		3
CEE 316		3	MTH 367		3
CEE 403		3	EGR 103		2
CEE 221L		2			
Total	18		Total	17	
Semester 7 Fall		CR	Semester 8 Spring		CR
Humanities Elective- Adv PHL/REL		3	Humanities Elective- Adv PHL/REL		3
CEE 411		3	HST 343		3
CEE 400		0	CEE 450		3
CEE 412		3	CEE EL		3
CEE 434		3	CEE EL		3
CEE 434L		1	CEE 421		2
CEE 424		3			
Total	16		Total	17	