

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 320 or CMM 351
PLS ECO ECO PSY SOC	1120 2180 2160 1100 1101	Two social sciences are required for Sinclair's associate degree. <i>One social science is needed for UD as a substitution for SSC 200.</i>	3	SSC 200
PHI HIS REL	2205 1112 1111, 1112, or 2204, or 2255	Intro to Philosophy Western Civilization II Eastern Religions, or Western Religions, or Great Books: The Bible and Western Culture, or People and Religion <i>[Sinclair's Associate degree requires Ohio Transfer Module (2 courses from 2 different categories above). UD Bachelor's 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	General Chemistry I	3/1	*CHM 1GF/L= CHM 123 + CHM 123L
CHE	1221	General Chemistry II <i>(Lab not required for UD, but is required at Sinclair)</i>	3/1	*CHM 1GS/L= CHM 124 + CHM 124L
PHY	2201	General Physics I <i>(Lab not required for UD, but is required at Sinclair)</i>	3/1	PHY 206 + PHY 210L
PHY	2202	General Physics II	3	PHY 207 + PHY 211L

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		<i>(Lab not required for UD, but is required at Sinclair)</i>		
MEE	2101	Statics for Engineers	3	EGR 201
MEE	2201	Thermodynamics for Engineers	3	EGR 202
EGR	2201	Circuit Analysis	3/1	EGR 203+EGR 203L
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