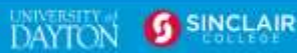


ACADEMIC PATHWAYS



Sinclair College Engineering University To Bachelor of Mechanical 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 (Lab not required for UD but is required at SC)	3/1	PHY 206/210L
PHY	2202/2208	General Physics II/Lab (Lab not required for UD but is required at SC)	3/1	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 Egrs	3	EGM 303
MEE	2401	Dynamics for Engineers	3	EGM 202
MET	1301	Solidworks	2	MEE 104L

Consult with Sinclair College Advisor for course sequencing.

ACADEMIC PATHWAYS



Sinclair College Engineering University
To
Bachelor of Mechanical Engineering

UDSA Mechanical Engineering Pathway – 4 semester plan for UD			
Semester 5 Fall	CR	Semester 6 Spring	CR
Humanities Elective - Art	3	Humanities Elective – Adv HST	3
MEE 321	3	MEE 344 or 478	3
MEE 312	3	MEE 341	3
MEE 312L	1	OPEN EL	3
MEE 314	3	MEE 410	3
MEE 308	3	MEE 410L	1
MEE 300	0		
EGR 103	2		
Total	18	Total	16
Semester 7 Fall	CR	Semester 8 Spring	CR
Humanities Elective – Adv PHL/REL	3	Humanities Elective – Adv PHL/REL	3
MEE 431L	2	MEE 432L	3
MEE 427	3	MEE EL	3
MEE 439	4	OPEN EL	3
MEE EL	3	MEE 460	3
Mth/Sci EL	3	MEE 400	1
Total	18	Total	16