

**AE five year plan of study for ROTC students who can extend their BS degree into 5 year instead of 4 years.**

**Freshman Year**

FALL					SPRING			
CHEM	1035	CHEMISTRY FOR ENGR	3		PHYS	2305	PHYSICS I	4
CHEM	1045	CHEMISTRY FOR ENGR LAB	1		ENGE	1216	EXPLORATION OF ENGR DESIGN	2
ENGE	1215	ENGR EXPLORATION	2		ENGL	1106	ENGLISH II	3
ENGL	1105	ENGLISH I	3		MATH	1226	CALCULUS II	4
MATH	1225	CALCULUS I	4		ELECTIVE		CLE (Area 2, 3, or 7)	3
ELECITVE		CLE (Area 2, 3, or 7)	3					
TOTAL			16		TOTAL			16

**Sophomore Year**

FALL								SPRING
ESM	2104	STATICS	3		AOE	3104	AIRCRAFT PERFORMANCE	3
MATH	2204	MULTI VAR CALC	3		ESM	2204	MECH DEFORM BODIES	3
AOE	2104	INTRO TO AERO	2		ESM	2304	DYNAMICS	3
AOE	2074	COMP METHODS	2		MATH	2214	DIFFERENTIAL EQUATIONS	3
MATH	2114	LINEAR ALGEBRA	3		ELECITVE		CLE (Area 2, 3, or 7)	3
ELETIVE		AREA 6	1					
TOTAL			14		TOTAL			15

**Sophomore/Junior**

FALL					SPRING			
AOE	3014	AERO/HYDRODYNAMICS	3		AOE	3094	MATERUALS	3
MATH	4564	OPER METH FOR ENGR	3		AOE	3114	COMPRESSIB LES	3
ME	3134	FUND OF THERMODYN	3		MATH	4574 or 4404 or 4705	ELECTIVE	3
PHYS	2306	PHYSICS II	4		ELECTIVES		CLE (Area 2, 3, or 7)	3
ELECTIVES		CLE (Area 2, 3, or 7)	3					
TOTAL			16		TOTAL		12	

### Junior/Senior

FALL								SPRING
AOE	3024	THIN-WALL STRUCT	3		AOE	3124	AERO STRUCTURES	3
AOE	3034	VEH.VIB & CONTROL	3		AOE	3134 or 4140	STABILTY/SPACE	3
AOE	4134	ASTROMECHNICS	3		AOE	3054	EXPERI-METHODS	3
AOE	3044	BOUNDARY LAYER	3		AOE	TECH		3
TOTAL			12		TOTAL			12

### Senior Year

FALL								SPRING
AOE	4065	DESIGN	3		AOE	4066	DESIGN	3
AOE	4154	AERO ENGR LAB	1		AOE	TECH		3
AOE	4234	AERO PROPULSION	3		FREE	ELECTIVE		3
TECH ELEC			3					
TOTAL			10		TOTAL			9