

1 Course in Fine Arts
ECON 201** (required AE program)
PHIL 385 (required AE program)
1 Course in Fine Arts or Humanities or Social & Behavioral Sciences*

\*Starting fall 2021, first year students must take a First Year Seminar (FYS) during their first two semesters at WSU. The AE program requires that the FYS be in Fine Arts or Humanities or Social & Behavioral Sciences

\*\* ECON 202 or IME 255 are acceptable in place of ECON 201

**ENGINEERING+**

Students must complete **three** out of the following seven categories: (1) Undergraduate Research; (2) Cooperative Education/Internship; (3) Global Learning/Study Abroad; (4) Service Learning; (5) Leadership; (6) Multi-Disciplinary; (7) Entrepreneurship & Innovation.

**MATHEMATICS & NATURAL SCIENCES (33 hrs.)**

**Math**

MATH 242 (5)  
(P: See WSU Catalog)

Notes: 1) AE 415, 525, 528, and 607 are only offered during the Fall and AE 502, 514, 625, and 628 are only offered during the Spring  
 2) A C-minus grade does not meet AE or ME department "C or better" prerequisite requirements 3)ECON 202/IME 255 are acceptable in place of ECON 201

**Aerospace Engineering Curriculum Flow Chart** (Including pre- & co-requisites)

Subject	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
<i>GE</i>	ENGL 101 GE Elect	ENGL 102	COMM 111 GE Core		PHIL 385 ECON 201			
<i>Math</i>	MATH 242	MATH 243	MATH 344	MATH 555				
<i>Science</i>	CHEM 211/L	PHYS 313 PHYS 315	PHYS 314					
<i>Other Engr</i>				IME 222/L Graphics			ECE 282/L Circuits	
<i>AE Core &amp; Design</i>		AE 227/L Digital Comp	AE 223 Statics				AE 528 Design I	AE 628 Design II
<i>Aerodyn &amp; Propulsion</i>				ME 398 Thermo			AE 524 Aerodyn II	AE 502 Propulsion I
				AE 324 Fund Flt	AE 424 Aerodyn I		AE 512/L Exp Methods	
<i>Flt Dyn &amp; Control</i>				AE 373 Dynamics	AE 415 Space Dyn		AE 514 Flt Dyn &	