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| 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 & Design</i> | | AE 227/L Digital Comp | AE 223 Statics | | | | AE 528 Design I | AE 628 Design II |
| <i>Aerodyn & 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 & Control</i> | | | | AE 373 Dynamics | AE 415 Space Dyn | | AE 514 Flt Dyn & | |