

AE Pre-Advising Worksheet– Fall 2024

Preferred Name

WSU ID

Advising Session Date

Catalog Term*

*Tip: To find your catalog term, check your Degree Works audit or your Academic Profile under the myClasses tab in your myWSU portal.

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I would like to learn more about the AE department Honors Program

Approximate work hours per week

Desired credit hours

Total number of W and F's

Questions/concerns:

Use the checksheet below and your degree audit to cross off the classes you have completed or expect to complete this semester with the required grade.** Then, type the classes you think you should take in the spaces below. **Note:** You do not have to use all blanks and you can click the boxes in the chart to cross classes off. Remember to save!

Freshman		Sophomore		Junior		Senior	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
ENGL 101 (3) College English I	ENGL 102 (3) College English 2 ENGL 101	COMM 111 (3) Public Speaking	GE - ECON 201 (3) Principles of Macroeconomics (counts as Gen Ed in Social & Behavior Sciences)	GE - PHIL 385 (3) Engineering Ethics (counts as Gen Ed in Humanities) Junior or senior standing		GE Core (3) In Social & Behavior Sciences (not ECON)	GE or Open Elective (3) (Open elective if GE is complete)
GE Elective (3) In Any Area* **1 st year students must take FYS		IME 222/L (3) Engineering Graphics & Lab Math 123	ME 398 (3) Thermodynamics I MATH 243 w/C or better, PHYS 313 w/C or better	ECE 282/L (4) Circuits I C: Math 243	AE 502 (3) Aero Propulsion I (Spring only) AE 227, 373, ME 398 C: AE 424	GE Core (3) In Arts or Humanities (not PHIL)	
MATH 242 (5) Calculus I See catalog	MATH 243 (5) Calculus II MATH 242 w/C or better	MATH 344 (3) Calculus III MATH 243 w/C or better	MATH 555 (3) Differential Equations MATH 243 w/C or better		AE 512/L (3) Exper. Methods in Aerospace (Fall/Spring) AE 333, 424 C: AE 524		
CHEM 211/L (5) General Chemistry I See catalog	PHYS 313 (4) Physics for Scientist I C: MATH 243	PHYS 314 (4) Physics for Scientist II MATH 243 w/C or better, PHYS 313	AE 373 (3) Dynamics (Fall/Spring/Summer) MATH 344, AE 223 w/C or better	AE 415 (3) Intro. to Space Dyn (Fall only) AE 373 w/C or better, AE 227 C: MATH 555	AE 514 (3) Flight Dynamics & Control (Spring only) AE 415 C: AE 424	AE 607 (3) Flight Control Systems (Fall only) AE 514	Tech Elect⁴ (3) (Fall/Spring)
	PHYS 315 (1) University Physics Lab I C: PHYS 313	AE 223 (3) Statics (Fall/Spring/Summer) PHYS 313 C: MATH 243	AE 324 (3) Fundamentals of Atmospheric Flight (Fall/Spring) AE 223 w/C or better C: AE 227	AE 424 (3) Aerodynamics I (Fall/Spring) AE 324 w/C or better, AE 373, MATH 555	AE 524 (3) Aerodynamics II (Fall/Spring) AE 424, ME 398	AE Tech Elect (3) (Fall/Spring)	AE Tech Elect (3) (Fall/Spring)
	AE 227/L (3) Engr. Digital Computations (Fall/Spring) MATH 242 w/C or better; C: MATH 243	ME 250 (3) Materials Engineering MATH 242 w/C or better, CHEM 211 w/C or better	AE 333 (3) Mech. of Materials (Fall/Spring/Summer) AE 223 w/C or better C: MATH 344 OR 555 OR 451	AE 525/L (3) Flight Structures I (Fall only) AE 333 w/C or better C: MATH 555	AE 625/L (3) Flight Structures II (Spring only) AE 525	AE 528 (4) Aerospace Design I (Fall only) AE 424, 502, 514, 525, C: PHIL 385; ECON 201 ³	AE 628 (4) Aerospace Design II (Spring only) AE 528, PHIL 385; ECON 201 ³
16 hrs.	16 hrs.	19 hrs.	18 hrs.	16 hrs.	15 hrs.	16 hrs.	13 hrs.

Classes

Classes

Classes

**MATH 242, MATH 243, CHEM 211, PHYS 313, AE 223, AE 324, AE 333, AE 373 require a "C or better" grade to meet prerequisite requirements. A C-minus will not meet prerequisite requirements.