

Industrial Engineering

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Systems & Industrial Engineering Fun Facts

First Systems Engineering department founded in the US

Top 25 Systems & Industrial Engineering Schools (US News & World Report)

Second highest starting salary: Industrial Engineers



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Flipped Classroom

Watch Videos First; THEN go to class

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Accelerated Master's Program (AMP):

Earn master-level credit as an undergrad!

GPA for admission

- 3.3 min UA GPA needed
- 4 UA courses
- No exceptions or waivers

GradApp

- Official application process
- Instructions sent in October if GPA over 3.0
- Resume, Personal Statement, and Letters of Rcommendation

Minimum Number

- 12
- Help yourself; help your peers
- You can do this!

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UA – led Courses

YEAR ONE (prepare for AMP)	Spring 26 (2026-01) SIE 340: Deterministic Operations Research SIE 377: Software for Engineers	Fall 26 (2026-02) SIE 321: Probabilistic Models in Operations Research SIE 330R: Engineering Experiment Design
YEAR TWO (AMP year for those who qualify)	Spring 27 (2027-01) SIE 462: Production Systems Analysis SIE 431: Simulation Modeling & Analysis SIE 457/557: Project Management	Fall 27 (2027-02) SIE 415/515: Technical Sales & Marketing SIE 422/522: Engr Decision Making Under Uncertainty SIE 465/565: Logistics & Supply Chain Management
YEAR THREE (Master's degree)	Spring 28 (2025-01) SIE 530: Engineering Statistics SIE 540: Survey of Optimization Methods	Fall 28 (2028-02) SIE 514: Law for Engineers & Scientists SIE 554A: Systems Engineering Process SIE 567: Financial Modeling for Innovation

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Communication:
The Key to Success!!!



- Check your UA email often – or have it forwarded
- Ask questions - don't be shy
- Reach out EARLY

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Changes to Plans

Can Affect Fees

Can Affect Grades

Can Affect Timeline

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UA Graduation!



December:

College of Engineering
Arizona International

May:

SIE ceremony
University Commencement
Arizona International

Both!

We’d love to celebrate with you in Tucson twice!

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Questions?

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