Engineering Entrepreneurship Summer Institute

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About:

7 Weeks, 16 Credits, One Minor

Villanova University's Engineering Entrepreneurship Summer Institute (E2SI) is open to all Villanova university students, as well as external university candidates. E2SI challenges students to develop their problem-solving and creative thinking skills in the development of a technology venture. Learn the fundamentals of innovation and venture development while building your startup.

Why Engineering Entrepreneurship?

The need for entrepreneurial skills is much broader than the focus on starting on a new enterprise. Employers value self-starters who take initiative, show persistence and demonstrate leadership. These entrepreneurial competencies are invaluable in any career and differentiate students from the competition.

Program Benefits:

- Work with diverse student teams from the College of Engineering, College of Liberal Arts & Sciences, and Villanova School of Business
- Gain experience in the Top 10 Skills for 2025 as determined by the World Economic Forum.
- Develop and implement solutions necessary to transform ideas into action.
- Identify and manage risks through analysis, problem solving, creativity and flexibility.
- Develop leadership, business and management skills to run and strengthen any enterprise.
- Understand the principles of existing and emerging technologies and how they apply globally.
- Prepare an entry for the Wildcat Technology Innovation Seed Fund.
- Submit a patent application on your idea.
- Supercharge your resume. You have an advantage on the competition.

Program Details:

Tuition and Fees:

2023 Tuition: $11,300—includes all courses and textbooks

Acceptance Deposit: $500—due within two weeks of receiving an offer of admission. The deposit is refundable, and will be applied toward tuition.

General Fee: TBA—this is a University fee for the summer semester

Housing: University housing available through Residence Life

Financial Aid: Regular financial aid is not available for E2SI, however all students will be considered for funding support (based on financial need) through the E2SI program.

Questions concerning additional grants and loans should be addressed to the Office of Financial Assistance. E2SI is not eligible for tuition remission.

Calendar:

Application deadline: Generally April of the calendar year. Please contact Minor Director for specifics.

Scholarship/funding support decisions: Please contact Minor Director for specifics.

Program dates: Classes held Monday through Friday, from 9AM - 5PM with an hour break at noon for lunch. Please contact Minor Director for specifics.

Holidays Observed: Memorial Day, Juneteenth, July 4 observed. Three additional days added to complete seven full weeks.

Program: Engineering
Type: Minor

Required Courses:

The curriculum in E2SI has been designed to create a unified, immersive experience for cohorts of students, so the program must be completed in a single summer (courses cannot be taken individually). Classes take place on Villanova's campus.

Course	Title	Credits
EGEN 2100	Engineering a Creative Mindset	1
EGEN 2150	Intro to Entrepreneurial Techn	3
EGEN 2200	Emerging Tech for Bus Innov	3
EGEN 3100	Design Thnkng and Cust Discvry	3
EGEN 3200	Product & Service Prototyping	3
EGEN 4100	Enginrng Innovativ Bus Models	3

A Complete Application to E2SI:

E2SI is open to any current Villanova student in good standing. External candidates are also welcome to apply.

A complete application to E2SI will include:

- A short, informal essay (500 words max) telling us a little about yourself, and why you think E2SI would be an important addition to your academic program. You should save your essay as a PDF and upload it along with your completed application.
- Your unofficial transcript.

Submit the online application and upload your essay and unofficial transcript.