

INDUSTRIAL DESIGN (MS)

Contacts

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Campus: East Falls

Program Website (<https://www.jefferson.edu/academics/colleges-schools-institutes/kanbar-college-of-design-engineering-commerce/school-of-design-engineering/academic-programs/ms-industrial-design.html>)

Program Description

- **STEM** designated program

MS in Industrial Design is a professional program based on interdisciplinary project work. In this program, you will learn to design effectively at the collaborative and chaotic "front end" of the product-development process. You will work with product users, researchers, businesspeople, engineers and manufacturers to create products and systems that are better at serving their users, societies and the world at large.

Learning Goals/Outcomes

- Informing design through creative research into user needs
- Working closely with business, engineering and other disciplines to design platforms and systems- not just isolated objects
- Designing intelligent products for the "internet of things," integrating hardware, software and electronic interactivity
- Understanding and designing for global societies
- Prepare graduates for entrepreneurial work in the field, or for a position in a corporate design department or design-consulting firm.

Curriculum: 2 Years, 34-58 Credits

Advanced Standing (AS) awarded for courses (INDD 500, INDD 501, INDD 506, INDD 503, INDD 507, INDD 510, INDD 704) based on portfolio review during application. Minimum pr

Course	Title	Credits
First Year		
INDD 500	Skills & Methods for Ind Dsgn	3
INDD 501	Design 1 for Industrial Design	4
INDD 506	CAD I for Industrial Design	3
INDD 503	Vis for Industrial Design I	3
INDD 507	Mats & Proc: Manufacturing	3
INDD 510	Ergonomic Studies	3
INDD 703	User Centered Design	4
INDD 700	Research & Desn Process Meths	3
INDD 705	Collaborative Innovatn Studio	5
INDD 707	Current Issues in Ind Dsg	3
Credits		34
Second Year		
INDD 803	Master's Proj I: Implementation	4
INDD 704	Wkshop: Interactive Prototypr	3
INDD 804	Master's Proj II: Dev & Eval	5
INDD 701	Design Bus & Entrepreneurship	3

Course	Title	Credits
General Elective		9
Credits		24
Total Credits		58

Program with all AS granted: 34 credits Average credits for accepted students: 48 credits