



Declaration of MINOR Information Information Technology, Design and Startups

Do you have a dream of starting a new company? The minor in Information Technology, Design, and Startups (IDS) is an interdisciplinary 18-credit minor that prepares students with the knowledge and skills required to start a technology-oriented business venture. Students learn the basics of business and entrepreneurship by taking EEE 370 (Introduction to Entrepreneurship), taught by faculty from the Whitman School of Management, home to one of the most highly ranked entrepreneurship programs in the country. In IDS 401 (What's the Big Idea?), students are exposed to many aspects of the creative entrepreneurial process, focusing on the development and refinement of ideas that can be translated into a business venture. Students are also exposed to principles and practice of design that are critical to the development of new products and services. In IDS 402 (Idea to Startup), students work in teams to translate ideas into viable startup businesses, addressing all of the key components of that process from business proposal development to funding. To complete the IDS minor, students must fulfill the entrepreneurial experience requirement under the supervision of a faculty member and a suitable professional mentor. Students will typically fulfill the experience requirement by spending one or more semesters working at the Syracuse Technology Garden, a local incubator of technology-oriented businesses. At the Tech Garden, students will work at the Student Sandbox under the direction of an Entrepreneur in Residence and with support from volunteer mentors.

The minor consists of 18 credits. Required courses make up between 10 and 15 credits, depending on how many credits a student chooses to earn during their entrepreneurial experience. The remaining 3-8 credits are taken as electives, drawn from a long list of options available from four different SU schools and colleges. Of the total of 18 credits required to earn the minor, 12 credits must be in courses numbered 300 or higher. In addition, no more than 3 elective credits can be double counted to fulfill requirements of another major or minor on campus.

The IDS Minor is administered by the School of Information Studies. There are no requirements for admission to IDS 401 "What's the Big Idea?" The only requirement for registration for IDS 402 is for the student to submit a one page venture proposal to the course instructor with a summary of your idea. It should include three elements:

1. So what?: What problem/need/want are you addressing and how?
2. Who cares?: Market opportunity and customers.
3. Why you?: Who is on your team and how will you be able to collectively make progress next semester? Your entire team can register for the course as well.

Please keep this form for your records and to track your progress.

Curriculum

Required courses (10 credits): Students will normally enroll in IDS401 during the fall semester. Upon successful completion, they will apply for the minor and enroll in IDS402 during the spring semester. Students are encouraged to take EEE 370 prior to or concurrent with IDS401. After completing these three courses, students will be eligible to apply for the Sandbox. IDS 403 Sandbox can be taken for 1-6 credits. Incubation space is provided for students at the Technology Garden, 23S Harrison St, Syracuse, NY 13202. The facility is in downtown Syracuse, reached via the SU Campus Innovation Corridor bus line.

EEE 370: Introduction to Entrepreneurship (3 Credits)

IDS 401: What's the Big Idea? Technology Innovation (3 Credits) (offered fall only)

IDS 402: Idea2Startup: Technology Entrepreneurship (3 Credits) (offered spring only)

IDS 403: Startup Sandbox (1 credit)

Recommended Electives (3-8 credits): Students are encouraged to consult with the program director or a faculty or professional mentor to determine which of the following courses best complement their entrepreneurial goals. IDS 403: Startup Sandbox

Entrepreneurship and Emerging Enterprises, Martin J Whitman School of Management

EEE382 Entrepreneurial Marketing

EEE451 Finance for Emerging Enterprises

EEE458 Business Plan Laboratory

Information Management and Technology, School of Information Studies

IST 195 Information Technology

IST 256 Application Programming for Information Systems

IST 263 Web Design and Management

IST 444 Information Reporting and Presentation

IST 445 Managing Information Systems Projects

IST 479 E-Commerce Technologies

Design Department, College of Visual and Performing Arts

FAS 147 Visual Thinking

ISD 148 Environmental Design Issues

ISD 144 Theory and Practice in the Visual Arts

ISD 251 Elements and Principles of Design

ISD 553 Philosophy and Research

IND 477 Primary and Secondary Research

IND 375 Human Factors for Designers

College of Engineering and Computer Science

CEN 574 Process Design

CSE 486 Design of Operating Systems

MEE 332 Introduction to Machine Design & Manufacturing

MFE 331 Manufacturing Processes

ECS 392 Ethical Aspects of Engineering & Computer Science

MAE 548 Engineering Economics and Technology Valuation

MFE 557 Management Decisions in Manufacturing

MFE 453 Production Planning and Control

ELE 458 Data Networks: Basic Principles

In addition to the courses above, Engineering students in the capstone who are working on a venture can use their work in the capstone course as an elective in the minor.

To apply simply fill out the application form and return it to 114 Hinds Hall. You will be informed via email of our decision.

114 Hinds Hall, Syracuse, New York 13244

315-443-6137 FAX: 315-443-5673 email: ischool@syr.edu URL: <http://ischool.syr.edu>

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