

# Industrial Design (IDES)

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## Industrial Design (IDES) Courses

### **IDES 5000 [0.5 credit]**

#### **Directed Studies in Industrial Design**

Reading and research tutorials.

Includes: Experiential Learning Activity

### **IDES 5101 [0.5 credit]**

#### **Interdisciplinary Design Development Seminar**

Investigation of interdisciplinary design discourse about disciplines, themes, and concepts involved in design development. Examines a range of different professional perspectives and methods for integrating collaborative practices affected by leadership, negotiation, conflict management, and team building. Introduction to graduate academic writing.

Includes: Experiential Learning Activity

### **IDES 5102 [0.5 credit]**

#### **Design Research Methods**

Critical review of qualitative and quantitative research methods to support interdisciplinary design. Methods used by collaborators from the sciences and humanities as well as methods designers bring to interdisciplinary collaborations are introduced. Research for design, research through design and theoretical frameworks are discussed.

Includes: Experiential Learning Activity

Also listed as HCIN 5404.

### **IDES 5103 [0.5 credit]**

#### **Interdisciplinary Design Development Studio**

Team-based studio projects draw on interdisciplinary design development methods in achieving a common design objective. Projects will be supervised by academic and industry advisors from a wide range of disciplines, and conducted in collaboration with professionals from external organizations. Open to students from other programs.

Includes: Experiential Learning Activity

Prerequisite(s): IDES 5101 and IDES 5102 or permission of the School of Industrial Design.

### **IDES 5104 [0.5 credit]**

#### **Accessibility and Inclusive Design Seminar**

Provides foundational knowledge, exploring interdisciplinary approaches for incorporating accessible, inclusive, and human-centered design principles into the research, design, and development of products, information, and environments that can be used by all people, regardless of ability.

Includes: Experiential Learning Activity

### **IDES 5500 [0.5 credit]**

#### **Special Topics in Industrial Design**

Seminar course in contemporary design issues of an interdisciplinary nature. Guided by a faculty member and supported by external professionals.

Includes: Experiential Learning Activity

### **IDES 5909 [2.0 credits]**

#### **Thesis**

A comprehensive project that demonstrates the student's ability to conduct critical research in a specific area in which design can contribute to competitive advantage through design planning and interdisciplinary design development processes.

Includes: Experiential Learning Activity

Prerequisite(s): IDES 5101, IDES 5102, and IDES 5103.