

## Department of Design Undergraduate Programs Goals

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### 1. Thinking

Students acquire abilities to address Design opportunities, including the skills of problem identification, formulation, qualitative and quantitative research, analysis, synthesis, prototyping, user-testing, and evaluation of outcomes.

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### 2. Doing

Students acquire competency with tools, technologies, skills and materials in the exploration, creation, and production of products, artifacts, environments, systems, communications solutions and services.

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### 3. Practice

Students demonstrate understanding of basic professional practices, including the ability to communicate, document, organize and lead work productively as team members able to adapt to the evolving role of Design.

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### 4. Scope

Students demonstrate understanding of the role and responsibility of Design in the local and global context, including the foundational comprehension and application of ethical concepts of sustainable development, social innovation and human-centered design to practice.

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### 5. Context

Students demonstrate knowledge of established and emerging theory and practice, including critical thinking and an understanding of interdisciplinary relationships in order to recognize and act on opportunities.

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### 6. Role

Students acquire the ability to recognize the role of the Designer as the expert practitioner and/or catalyst for collective creativity.

# Industrial Design Major

Bachelor of Science in Design (BSD), College of Arts and Sciences

## PROGRAM LEARNING GOALS: #1 OF 2

**Goal 1:** Thinking      **Goal 2:** Doing      **Goal 3:** Practice      **Goal 4:** Scope      **Goal 5:** Context      **Goal 6:** Role

Required Courses	Thinking	Doing	Practice	Scope	Context	Role
<b>2110:</b> D. Fundamentals 1	Beginning	Beginning				
<b>2310:</b> Vis. Principles 1	Beginning	Beginning				
<b>2700:</b> Intro. to D. Practice			Beginning	Beginning	Beginning	Beginning
<b>2130:</b> D.Fundamentals 3	Beginning	Beginning/Interm	Beginning			
<b>2330:</b> Vis. Principles 3	Beginning	Beginning/Interm	Beginning			
<b>2750:</b> D. History			Beginning	Beginning	Beginning	Beginning
<b>3101:</b> Intro. to IND 1	Beginning/Interm	Beginning/Interm	Beginning			Beginning
<b>3200:</b> D. Research 1	Beginning		Beginning		Beginning	Beginning
<b>3301:</b> Vis Strategies IND 1		Intermediate	Intermediate			
<b>3400.01:</b> D. Media 1	Beginning/Interm	Beginning/Interm	Beginning/Interm			
<b>3151:</b> Intro. to IND 2	Intermediate	Beginning/Interm	Beginning/Interm			Beginning
<b>3450.01:</b> D. Media 2	Beginning					
<b>3550.01:</b> Materials+Proc.			Intermediate	Intermediate	Intermediate	
<b>4101:</b> Intermediate IND 1	Intermediate	Intermediate	Intermediate			Beginning/Interm
<b>4200:</b> D. Research 2	Intermediate	Beginning/Interm	Intermediate	Beginning/Interm	Intermediate	Beginning/Interm
<b>4400.01:</b> D. Media 3	Intermediate	Intermediate	Intermediate			Beginning/Interm
<b>4151:</b> Intermediate IND 2	Intermediate	Intermediate	Intermediate			Beginning/Interm
<b>4650:</b> Collaborative D.		Intermediate		Intermediate	Advanced	
<b>4750:</b> Prof. Practices			Intermediate	Intermediate	Intermediate	
<b>5101:</b> Advanced IND 1	Advanced	Advanced	Advanced	Interm/Advanced	Interm/Advanced	Intermediate
<b>5200.01:</b> D. Research 3	Interm/Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Interm/Advanced
<b>5151:</b> Advanced IND 2	Advanced	Advanced	Advanced	Interm/Advanced	Advanced	Advanced
<b>5301:</b> Vis Strategies IND 2	Interm/Advanced	Interm/Advanced	Interm/Advanced			Advanced
<b>5800.01:</b> D. Seminar	Advanced		Advanced	Interm/Advanced	Interm/Advanced	Interm/Advanced

# Industrial Design Major

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**PROGRAM LEARNING GOALS: #2 OF 2**

**Goal 1: Thinking**      **Goal 2: Doing**      **Goal 3: Practice**      **Goal 4: Scope**      **Goal 5: Context**      **Goal 6: Role**

Elective Courses						
<b>3104:</b> Intro Game Dsgn	Beginning	Beginning	Beginning	Beginning	Beginning	
<b>4104:</b> Intrm Game Dsgn 1	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	
<b>4154:</b> Intrm Game Dsgn 2	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	
<b>4797:</b> Study Abroad	Intermediate	Intermediate			Advanced	Intermediate
<b>5191:</b> Internship	Intermediate	Intermediate	Advanced	Intermediate	Intermediate	Intermediate
<b>5193:</b> Individual Studies	Intermediate	Intermediate			Advanced	
<b>5194:</b> Group Studies	Intermediate	Intermediate			Advanced	
<b>5600E:</b> Design Matters: Embedded	Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
<b>5600S:</b> Design Matters: Service	Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
<b>5750:</b> Adv. D. History	Advanced		Advanced	Interm/Advanced	Interm/Advanced	Interm/Advanced
<b>5798:</b> Study Tour	Advanced	Intermediate	Advanced	Intermediate	Intermediate	Advanced
<b>5998:</b> UG Schlrshp: Creative	Advanced			Advanced	Advanced	
<b>5998H:</b> Honors UG Schlrshp: Creative	Advanced			Advanced	Advanced	
<b>5999:</b> UG Schlrshp: Writing	Advanced			Advanced	Advanced	
<b>5999H:</b> Honors UG Schlrshp: Writing	Advanced			Advanced	Advanced	

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## PROGRAM LEARNING GOALS: #1 OF 2

<b>Goal 1:</b>	<b>Goal 2:</b>	<b>Goal 3:</b>	<b>Goal 4:</b>	<b>Goal 5:</b>	<b>Goal 6:</b>
<b>Thinking</b>	<b>Doing</b>	<b>Practice</b>	<b>Scope</b>	<b>Context</b>	<b>Role</b>

Required Courses	Thinking	Doing	Practice	Scope	Context	Role
2110: D. Fundamentals 1	Beginning	Beginning				
2310: Vis. Principles 1	Beginning	Beginning				
2700: Intro. to D. Practice			Beginning	Beginning	Beginning	Beginning
2130: D.Fundamentals 3	Beginning	Beginning/Interm	Beginning			
2330: Vis. Principles 3	Beginning	Beginning/Interm	Beginning			
2750: D. History			Beginning	Beginning	Beginning	Beginning
3102: Intro. to INT 1	Beginning/Interm	Beginning/Interm	Beginning			Beginning
3200: D. Research 1\	Beginning		Beginning		Beginning	Beginning
3400.02: D. Media 1	Beginning/Interm	Beginning/Interm	Beginning/Interm			
3152: Intro. to INT 2	Intermediate	Beginning/Interm	Beginning/Interm			Beginning
3450.02: D. Media 2	Beginning/Interm	Beginning/Interm	Beginning/Interm			
3550.02: Mtrls+PrCSS	Intermediate	Beginning/Interm	Beginning/Interm			Beginning
3552: INT D. Tech 1			Intermediate	Intermediate	Intermediate	
4102: Intermediate INT 1	Intermediate	Intermediate	Intermediate			Beginning/Interm
4200: D. Research 2	Intermediate	Beginning/Interm	Intermediate	Beginning/Interm	Intermediate	Beginning/Interm
4400.02: D. Media 3	Intermediate	Intermediate	Intermediate			Beginning/Interm
4502: INT D. Tech 2	Intermediate	Intermediate	Intermediate			Beginning/Interm
4152: Intermediate INT 2	Intermediate	Intermediate	Intermediate			Beginning/Interm
4650: Collaborative D.		Intermediate		Intermediate	Advanced	
4750: Prof. Practices	Intermediate	Intermediate			Advanced	Intermediate
5102: Advanced INT 1	Advanced	Advanced	Advanced	Interm/Advanced	Interm/Advanced	Intermediate
5200.02: D. Research 3	Interm/Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Interm/Advanced
5502: INT D. Tech 3	Advanced		Advanced	Interm/Advanced	Interm/Advanced	Interm/Advanced
5152: Advanced INT 2	Advanced	Advanced	Advanced	Interm/Advanced	Advanced	Advanced
5552: INT D. Tech 4	Interm/Advanced	Interm/Advanced	Interm/Advanced			Advanced
5750: Adv. D. History	Advanced		Advanced	Interm/Advanced	Interm/Advanced	Interm/Advanced

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**PROGRAM LEARNING GOALS: #2 OF 2**

**Goal 1: Thinking      Goal 2: Doing      Goal 3: Practice      Goal 4: Scope      Goal 5: Context      Goal 6: Role**

<b>Elective Courses</b>						
<b>3104:</b> Intro Game Dsgn	Beginning	Beginning	Beginning	Beginning	Beginning	
<b>4104:</b> Intrm Game Dsgn 1	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	
<b>4154:</b> Intrm Game Dsgn 2	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	
<b>4797:</b> Study Abroad	Intermediate	Intermediate	Advanced	Intermediate	Intermediate	Intermediate
<b>5191:</b> Internship	Intermediate	Intermediate			Advanced	
<b>5193:</b> Individual Studies	Intermediate	Intermediate			Advanced	
<b>5194:</b> Group Studies	Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
<b>5600E:</b> Design Matters: Embedded	Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
<b>5600S:</b> Design Matters: Service	Advanced	Intermediate	Advanced	Intermediate	Intermediate	Advanced
<b>5798:</b> Study Tour	Advanced			Advanced	Advanced	
<b>5998:</b> UG Schlrshp: Creative	Advanced			Advanced	Advanced	
<b>5998H:</b> Honors UG Schlrshp: Creative	Advanced			Advanced	Advanced	
<b>5999:</b> UG Schlrshp: Writing	Advanced			Advanced	Advanced	
<b>5999H:</b> Honors UG Schlrshp: Writing	Advanced			Advanced	Advanced	

# Visual Communication Design Major

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## PROGRAM LEARNING GOALS: #1 OF 2

**Goal 1: Thinking**      **Goal 2: Doing**      **Goal 3: Practice**      **Goal 4: Scope**      **Goal 5: Context**      **Goal 6: Role**

Required Courses	Goal 1: Thinking	Goal 2: Doing	Goal 3: Practice	Goal 4: Scope	Goal 5: Context	Goal 6: Role
<b>2110:</b> D. Fundamentals 1	Beginning	Beginning				
<b>2310:</b> Vis. Principles 1	Beginning	Beginning				
<b>2700:</b> Intro. to D. Practice			Beginning	Beginning	Beginning	Beginning
<b>2130:</b> D.Fundamentals 3	Beginning	Beginning/Interm	Beginning			
<b>2330:</b> Vis. Principles 3	Beginning	Beginning/Interm	Beginning			
<b>2750:</b> D. History			Beginning	Beginning	Beginning	Beginning
<b>3103:</b> Intro. to VCD 1	Beginning/Interm	Beginning/Interm	Beginning			Beginning
<b>3200:</b> D. Research 1	Beginning		Beginning		Beginning	Beginning
<b>3400.03:</b> D. Media 1	Beginning/Interm	Beginning/Interm	Beginning/Interm			
<b>3503:</b> Typographic Design			Intermediate	Beginning	Beginning	
<b>3153:</b> Intro. to VCD 2	Intermediate	Beginning/Interm	Beginning/Interm			Beginning
<b>3450.03:</b> D. Media 2	Beginning					
<b>3550.03:</b> Materials+Proc.				Intermediate	Intermediate	
<b>4103:</b> Intermediate VCD 1	Intermediate	Intermediate	Intermediate			Beginning/Interm
<b>4200:</b> D. Research 2	Intermediate	Beginning/Interm	Intermediate	Beginning/Interm	Intermediate	Beginning/Interm
<b>4400.03:</b> D. Media 3	Intermediate					
<b>4153:</b> Intermediate VCD 2	Intermediate	Intermediate	Intermediate			Beginning/Interm
<b>4650:</b> Collaborative D.		Intermediate		Intermediate	Advanced	
<b>4750:</b> Prof. Practices			Intermediate	Intermediate	Intermediate	
<b>5103:</b> Advanced VCD 1	Advanced	Advanced	Advanced	Interm/Advanced	Interm/Advanced	Intermediate
<b>5200.03:</b> D. Research 3	Interm/Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Interm/Advanced
<b>5800.03:</b> D. Seminar	Advanced		Advanced	Interm/Advanced	Interm/Advanced	Interm/Advanced
<b>5153:</b> Advanced VCD 2	Advanced	Advanced	Advanced	Interm/Advanced	Advanced	Advanced
<b>5453:</b> VCD Media 4	Advanced	Intermediate				Advanced

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Elective Courses						
<b>3104:</b> Intro Game Dsgn	Beginning	Beginning	Beginning	Beginning	Beginning	
<b>4104:</b> Intrm Game Dsgn 1	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	
<b>4154:</b> Intrm Game Dsgn 2	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate	
<b>4797:</b> Study Abroad	Intermediate	Intermediate			Advanced	Intermediate
<b>5191:</b> Internship	Intermediate	Intermediate	Advanced	Intermediate	Intermediate	Intermediate
<b>5193:</b> Individual Studies	Intermediate	Intermediate			Advanced	
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<b>5600E:</b> Design Matters: Embedded	Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
<b>5600S:</b> Design Matters: Service	Advanced	Intermediate	Intermediate	Intermediate	Intermediate	Intermediate
<b>5750:</b> Adv. D. History	Advanced		Advanced	Interm/Advanced	Interm/Advanced	Interm/Advanced
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<b>5999:</b> UG Schlrshp: Writing	Advanced			Advanced	Advanced	
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