

College of Architecture and Urban Studies  
School of Architecture + Design  
Minor in **Design + Technology + Creative Expression**  
For students entering under UG Catalog 2022-2023

The Pathways Minor in Design + Technology + Creative Expression requires completion of 18 semester hours (at least 6 cr. at the 3000-level or above), as follows:

**REQUIRED COURSES – 9 credits**

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<b>IDS 1114</b>	Play to Make (Pathways 6a, 6d, 11)	3	_____
<b>MUS 3064</b>	Digital Sound Manipulation	3	_____
<b>CAUS 4234</b>	Capstone Collaboration: Cross-disciplinary Teamwork <i>(prerequisite: IDS 1114)</i>	3	_____

Total Credits for Section \_\_\_\_ / 9

**ELECTIVES – 9 credits minimum**

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**Choose ONE of the following from Understand (Empathize/Define) (3)**

<b>CINE 2054</b>	Introduction to Cinema (Pathways 2, 10)	3	_____
<b>COMM 2084</b>	Media and Society (Pathways 10)	3	_____
<b>CS 3724</b>	Introduction to Human-Computer Interaction	3	_____
<b>HIST/SOC/STS 2604</b>	Introduction to Data in Social Context (Pathways 2, 5f, 10, 11)	3	_____
<b>IDS 2114</b>	History of Industrial Design (Pathways 6a)	3	_____
<b>IDS 2124</b>	History of Industrial Designers (Pathways 6d)	3	_____
<b>ITDS 1114</b>	Design Appreciation (Pathways 6a, 6d, 10, 11)	3	_____
<b>MUS 3314</b>	Linux Laptop Orchestra (Pathways 6a, 10)	3	_____

<b>STS 1504</b>	Intro to Science, Technology and Society (Pathways 2, 3, 11)	3	_____
<b>STS 3284</b>	Technology and Disability (Pathways 2, 6d, 10)	3	_____

**Choose ONE of the following from Explore (Ideate/Prototype) (3)**

<b>AHRM 2014</b>	Design for Consumers (Pathways 6d, 11) <i>(prerequisite: AHRM 1014)</i>	3	_____
<b>CS 1014</b>	Introduction to Computational Thinking (Pathways 5f, 10)	3	_____
<b>CS 1064</b>	Introduction to Programming Python (Pathways 5f, 10)	3	_____
<b>ENGE 2094</b>	CREATE! Ideation for Innovation (Pathways 6d, 11)	3	_____
<b>ENGL 2744</b>	Intro to Creative Writing (Pathways 1a, 6a, 6d, 11) <i>(Pre: ENGL 1106 or ENGL 1204H or COMM 1016)</i>	3	_____
<b>HUM 2204</b>	The Creative Process (Pathways 6a, 11)	3	_____
<b>TA 2204</b>	Creative Dance (Pathways 6a, 6d, 11)	3	_____

**Choose ONE of the following from Materialize (Test/Implement) (3)**

<b>CS 3744</b>	Introduction to GUI Programming (Pre: 2114, (MATH 1114 or MATH 1114H or MATH 2114 or MATH 2114H), (MATH 1224 or MATH 1 224H or MATH 2204 or MATH 2204H))	3	_____
<b>COMM 3274</b>	Social Dimensions of Games, Simulations, and Virtual Environments	3	_____
<b>IDS 2044</b>	Human Factors (Pre: ARCH 1016)	3	_____
<b>MKTG 3104</b>	Marketing Management (Pre: Jr. Standing)	3	_____
<b>MUS 4014H</b>	Topics in Advanced Electroacoustic Research (Pre: MUS 3066, MUS 3164)	3	_____

**SOC 2104** Quantitative Approaches to Community Research  
(Pathways 5f, 10)  
(Cross-listed with HD 2104)

**TA 2404** Intro to Applied Collaborative Techniques  
(Pathways 1a, 6a, 6d, 11)

3 \_\_\_\_\_

Total Credits for Section \_\_\_\_ / 9

Total Credits for Minor \_\_\_\_ / 18

**Notes:**

- A minimum minor GPA of 2.0 in all courses taken to fulfill the minor is required.

**Pathways Core Concepts:**

**1f** = Foundational Discourse

**1a** = Advanced/Applied Discourse

**2** = Critical Thinking in the Humanities

**3** = Reasoning in the Social Sciences

**4** = Reasoning in the Natural Sciences

**5f** = Foundational Quantitative and Computational Thinking

**5a** = Advanced/Applied Quantitative and Computational Thinking

**6a, 6d, or 6a,6d (either)** = Critique and Practice in Design and the Arts

**7** = Critical Analysis of Identity and Equity in the United States

**Pathways Integrative Concepts:**

**10** = Ethical Reasoning

**11** = Intercultural and Global Awareness