

MINOR IN DESIGN THINKING

The Minor in Design Thinking, offered on-campus and through CSU Online, provides students with an opportunity to develop creative methods and processes for solving societal problems. This human-centered approach engages users and stakeholders in interdisciplinary co-design processes and applies elementary or emerging technologies to develop prototypes that improve spaces, objects, services, problems, and ideas benefitting daily experiences and overall quality of life. Students will gain an awareness of the impact of design thinking and its application – to their major, discipline, or profession.

Learn more about the Minor in Design Thinking, including which courses are offered each semester, on the Nancy Richardson Design Center website. (<https://www.chhs.colostate.edu/rdc/learn/undergraduate-certificate-or-minor-in-design-thinking/>)

Requirements Effective Fall 2025

Courses from this list may not double-count for the Undergraduate Certificate in Design Thinking.

Students cannot earn both the certificate and minor in Design Thinking.

Additional coursework may be required due to prerequisites.

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Code	Title	Credits
Required Courses:		
IDEA 110	Design Your Life with Social Impact (GT-SS3)	3
IDEA 210	Introduction to Design Thinking (GT-AH1)	3
Select a minimum of 9-12 credits from the following courses:		9-12
IDEA 310A	Design Thinking Toolbox: Paper Products	
IDEA 310B	Design Thinking Toolbox: 3D Modeling	
IDEA 310D	Design Thinking Toolbox: Digital Imaging	
IDEA 310E	Design Thinking Toolbox: Foundations of Woodworking	
IDEA 310F	Design Thinking Toolbox: Foundations of Textile Design	
IDEA 310G	Design Thinking Toolbox: Infographics	
IDEA 310H/ CS 310H	Design Thinking Toolbox: Mixed Reality Design	
IDEA 310I	Design Thinking Toolbox: Foundations of Metal Fabrication	
IDEA 310J	Design Thinking Toolbox: Graphic Noveling	
IDEA 310K	Design Thinking Toolbox: Technical Sketching and Drawing	
IDEA 310L	Design Thinking Toolbox : Creating Things That Think	
IDEA 310M	Design Thinking Toolbox: Co-designing with Communities	
IDEA 310N	Design Thinking Toolbox: Screen Printing	
IDEA 310O	Design Thinking Toolbox: Digital Interaction and Game Design	

IDEA 310P	Design Thinking Toolbox: Low-Fidelity Prototyping	
IDEA 310Q	Design Thinking Toolbox: 3D Animation and Storytelling	
IDEA 310T	Design Thinking Toolbox: Mobile Applications	
IDEA 310U	Design Thinking Toolbox: Artificial Intelligence	
IDEA 320B	Design Thinking Toolbox: Advanced 3D Modeling	
IDEA 320E	Design Thinking Toolbox: CNC Furniture Design	
IDEA 320F	Design Thinking Toolbox: Advanced Textile Design	
IDEA 320I	Design Thinking Toolbox: Advanced Metal Fabrication	
Select a minimum of 3-6 credits from the following courses:		3-6
IDEA 384	Supervised College Teaching	
IDEA 424/ MGT 424	Design Thinking in Social Entrepreneurship	
IDEA 450	Design Thinking Collaborative	
IDEA 455/ MGT 455	Designing for Defense	
IDEA 487	Internship	
IDEA 496	Group Study	
Program Total Credits:		21