

## WORKSHEET: MINOR IN HUMAN-CENTERED DESIGN: Dartmouth College, Engineering Sciences

LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_  
MAJOR/OTHER MINOR \_\_\_\_\_ CLASS \_\_\_\_\_

**ORC: The minor in human-centered design in Engineering Sciences is an interdisciplinary program comprising six courses, two from each section below (1, 2, 3):**

BELOW CHECK COURSES SELECTED WITH TERM TAKEN OR PLANNED

### PREREQUISITES:

### TERM TAKEN OR PLANNED

MATH 3	Calculus	
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### SECTION 1: DESIGN FOUNDATION:

ENGS 12	Design Thinking	
ENGS 21	Introduction to Engineering	

### SECTION 2: Ethnographic Methods and Human Factors/Psychology\*:

ANTH 3	Introduction to Cultural Anthropology	
ANTH 18	Research Methods in Cultural Anthropology	
GEOG 11	Qualitative Methods and the Research Process in Geography	
SOCY 11	Research Methods	
PSYC 22	Learning	
PSYC 23	Social Psychology	
PSYC 28	Cognitive Psychology	
PSYC 38	Cognitive Neuroscience	
PSYC 43	Emotion	
PSYC 50.02	Decision Making	
PSYC 53.10	Social and Affective Motivations in Decision-Making	
PSYC 53.12	The Behavior of Groups	
PSYC 53.13	Social Neuroscience	

### SECTION 3: Design Electives:

ENGS 15.01	Senior Design Challenge I	
ENGS 15.02	Senior Design Challenge II	
ENGS 18	System Dynamics in Policy Design and Analysis	
ENGS 44	Sustainable Design	
ENGS 75	Product Design	
COSC 23.01	Augmented and Virtual Reality Design	
COSC 25.01	Intro to UI/UX Design I	
COSC 25.02	Intro to UI/UX Design II	
COSC 28	Advanced Projects in Digital Arts	
COSC 29.04	Impact Design/ PSYC 15 Impact Design	
FILM 51	Game Design Studio	
PBPL 43	Social Entrepreneurship/ ECON 77 Social Entrepreneurship	
SART 65	Architecture I	
SART 66	Architecture II	
SART 68	Architecture III	

Before taking courses in Section 3, it is recommended that students complete both courses in Section 1 plus at least one course from Section 2. No Engineering Sciences courses 20 and above may be taken under the Non-Recording Option.

\*One of the two courses in Section 2 must be outside of the student's major department.

\*\*For Engineering majors: Only ENGS courses numbered below 20 may be counted towards the minor.

**Your personal goals for pursuing the minor and rationale for courses selected:**

**Comments:**