

APPROVED COURSES FOR THE BERKELEY CERTIFICATE IN DESIGN INNOVATION

BERKELEY CERTIFICATE IN DESIGN INNOVATION		
I lower division course	DESIGN FOUNDATIONS	
must be taken outside of home College or School	ART PRACTICE 8- Intro to Visual Thinking ART PRACTICE 23A- Data Arts DES INV 10- Discovering Design DES INV 15- Design Methodology	ENV DES 1- People & Environmental Design ENV DES 4A- Design & Activism THEATER 60- Intro to Technical Theater Design UGBA 190T- Needfinding in the Wild
choose 2 (2-3 units)	DESIGN SKILLS	
	ARCH 11A- Intro to Visual Representation & Drawing ARCH 150- Introduction to Structures ARCH 160- Introduction to Construction <i>BCNM 185- Interdisciplinary Drawing Design</i> DES INV 21- Visual Communications & Sketching DES INV 22- Prototyping & Fabrication ENGIN 25- Visualization for Design ENGIN 26- 3D Modeling for Design ENGIN 27- Intro to Manufacturing & Tolerancing ENV DES 104- Design Frameworks LD ARCH 1- Drawing a Green Future	LD ARCH 189- Contemporary Approaches to Visualization and Communication in Landscape Architecture MUSIC 158A- Musical Applications of Computers and Related Technologies THEATER 173- Scenic Design for the Theatre THEATER 174- Costume Design for the Theatre THEATER 175- Lighting Design for the Theatre THEATER 177- Sound Design & Media Theater THEATER 178- Video Production for Performance UGBA 190T- Innovation and Design Thinking in Business
I upper division (3+ unit course)	ADVANCED DESIGN	
	ART 178- Game Design CIV ENG 186- Design of Cyber-physical Systems COMPSCI 160- User Interface Design & Development COMPSCI 194- Interactive Device Design COMPSCI 194/NWMEDIA 203- Critical Making CY PLAN 140- Urban Design- City Building & Place Making DES INV 190/NWMEDIA 19- Critical Practices DES INV 190-3- Reimagining Mobility IEOR 170- Industrial Design and Human Factors LD ARCH 111- Plants in Design	ME 150A- Solar Powered Vehicles ME 178- Designing the Human Body MUSIC 158B- Situated Instrument Design for Musical Expression THEATER 173- Scenic Design for the Theatre* THEATER 174- Costume Design for the Theatre* THEATER 176- Applied Theatrical Design* UGBA 190T/ME 110- Intro to Product Development UGBA 190T/TDPS 100/Art Practice 100- Collaborative Innovation

Declaration of Intent to obtain the Certificate does not give you priority to register in these courses.

Please check Berkeley Academic Guide for course prerequisites: <http://guide.berkeley.edu/courses/>

* Pending Final Project approval by Instructor