

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 8- Intro to Visual Thinking ART W23AC- Data Arts DES INV 10- Discovering Design DES INV 15- Design Methodology	ENV DES 1- People & Environmental Design ENV DES 4A- Design & Activism ENV DES 104- Design Frameworks THEATER 60- Intro to Technical Theater & Production UGBA 190T- Needfinding in the Wild
choose 2 (2+ units)	DESIGN SKILLS	
	ARCH 11A- Intro to Visual Representation & Drawing ARCH 150- Introduction to Structures ARCH 160- Introduction to Construction BCNM 185- Interdisciplinary Drawing Design DES INV 21- Visual Communications & Sketching DES INV 22- Prototyping & Fabrication DES INV 190-001- Methods, Skills & Mindsets DES INV 190-002- User Experience Design ENGIN 25- Visualization for Design ENGIN 26- 3D Modeling for Design ENGIN 27- Intro to Manufacturing & Tolerancing	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/ DES Inv 190-001— 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 INTEGBI C32- Bioinspired Design 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 175B- Advanced Lighting Design UGBA 190T/ ME 110- Intro to Product Development UGBA 190T/TDPS 100/ ART 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>