

APPROVED COURSES FOR THE BERKELEY CERTIFICATE IN DESIGN INNOVATION

BERKELEY CERTIFICATE IN DESIGN INNOVATION		
I lower division (2+ units)	DESIGN FOUNDATIONS	
must be taken outside of home College or School	ART 8/8A- 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 11B- Intro to Design 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 23- Creative Programming and Electronics DES INV 24/ DES INV 190-002- User Experience Design DES INV 190-001- Methods, Skills & Mindsets 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 100/ TDPS 100/UGBA 190T- Collaborative Innovation ART 178- Game Design CIV ENG 186- Design of Cyber-physical Systems COMPSCI 160- User Interface Design & Development COMPSCI 194-84/ ME290U/ DES INV 190E-1- Interactive Device Design CY PLAN 140- Urban Design- City Building & Place Making DES INV 190-1- Reimagining Mobility DES INV 190-2- Global Product Development IEOR 170- Industrial Design and Human Factors	INTEG BI C32/LZ 30Z- Bioinspired Design LD ARCH 111- Plants in Design ME 110/ UGBA 190T- Intro to Product Development ME 122- Processing Materials in Manufacturing ME 150A- Solar Powered Vehicles ME 178- Designing the Human Body MUSIC 158B- Situated Instrument Design for Musical Expression NWMEDIA 190-3/DES INV 190-2- Critical Practices NWMEDIA C203- Critical Making THEATER 175B- Advanced Lighting Design

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>

DES INV 90-4 is now DES INV 10; DES INV 90-1 now DES INV 15; DES INV 90-3 now DES INV 21; DES INV 90-2 now DES INV 22. Please check the names of the DES INV 190s as the numbering system is now being revised.