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.

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### APPROVED COURSES FOR THE BERKELEY CERTIFICATE IN DESIGN INNOVATION

#### 1 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

#### 1 upper division (3+ unit course)

**ADVANCED DESIGN**

- ART100/ TDPS100/ UGBA190T- 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
- INTEGBI 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

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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](http://guide.berkeley.edu/courses)

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