

Week 1

SUN 07.24.16	Welcome to UCLA
1:00 - 3:00	Arrival and Check-In @ Sproul Cove
MON 07.25.16	Intro to Art, Design, Nanoscience Tools of Art and Nano
9:00 – 10:30	Introduction to Sci Art NanoLab
10:30 – 11:30	SJA Workshop: Drawing
11:30– 12:00	SJA Lecture: Two Cultures
12:00 – 1:00	Group lunch
1:30 – 2:00	SJA Instructor Intros: Mick Lorusso & Dr. Rita Blaik
2:00 – 4:30	SJA Workshop: Buckminster Fuller - Thinking Geometrically
4:30 – 5:30	SJA Lecture: Intro to Nanotechnology
5:30 – 7:00	Welcome Party
TUES 07.26.16	Tools of Visualization Understanding Nano
9:00 – 10:00	SJA Lecture: Tools of Visualization in Nano and Biotechnology
10:00 – 12:00	SJA Workshop: DIY Microscopy, Part 1 - Construction
12:00 – 12:30	SJA Instructor Intros - Dr. Olivia Osborne & Aisen Caro Chacin
12:30 – 1:30	Lunch
1:30 – 2:30	SJA Workshop: DIY Microscopy, Part 2 - Observation
2:30 – 4:30	Rotating Lab Visits CNSI Core Technology Centers <ul style="list-style-type: none"> · Optical Microscopy - ALMS Core Lab · Electron Microscopy - EICN Core Lab · Scanning Probe Microscopy - NPC Core Lab · Nanofabrication - ISNC Clean Room
4:30 – 5:00	Wrap-up
7:00 – 9:00	Sci-Fi Film Series
WED 07.27.16	Biology, Self-Assembly, and Behavioral/Social Systems
9:00 – 10:00	SJA Lecture: Self-organization and Emergence
10:00 – 10:30	SJA Demonstration: Self-Assembly
10:30 – 10:45	SJA Instructor Intro - Dan Wilkinson
10:45 – 11:45	SJA Lecture & Workshop: Game of Life, Part 1
11:45 – 12:45	Lunch
12:45 – 1:15	SJA Instructor Intro - David Prince & Amisha Gadani
1:15 – 4:15	SJA Workshop: Game of Life, Part 2
4:15 - 5:00	Wrap-up & group selections Idea formation
7:00 – 9:00	Sci-Fi Film Series
THR 07.28.16	Ecological Networks
9:00 – 10:00	SJA Lecture: Micro/nano ecologies and networks
10:00 – 12:30	SJA Workshop: Microfluidics using microscopes
12:30 – 1:30	Lunch
1:30 - 2:30	SJA Guest Lecture & Workshop: Christa Sommerer and Laurent Mignoneau
2:30 - 4:30	SJA Workshop: Bioplastics, Part 1
4:30 - 5:00	SJA Guest Lecture: - Prof. Jeff Miller: The Microbiome
7:00 – 9:00	SJA Field Trip: Hammer Museum
FRI 07.29.16	Themes: Design Thinking
9:00 – 10:00	SJA Lecture: Design Thinking
10:00 – 11:30	SJA Workshop: Design Thinking, Part 1 - Aquatic Robotics
11:30 – 12:30	Lunch
12:30 – 4:00	SJA Workshop: Design Thinking, Part 2 - Becoming Aquatic
4:00 – 5:00	SJA Workshop: Bioplastics, Part 2
5:00 - 5:30	Week's wrap-up, microscopy observation results

SAT 07.30.16

Field Trip

10:00 - 2:00 SJA Field Trip: Natural History Museum
 3:00 - 5:00 SJA Field Trip: Del Rey Lagoon
 5:00 - 8:00 SJA Field Trip: Venice Beach

SUN 07.31.16

SJA Scavenger Hunt

MON 08.01.16

Hacking and Developing Systems

9:00 - 9:30 Introduction to Week 2
 9:30 - 10:30 SJA Guest Lecture/Demo: Jonah Brucker-Cohen and Katherine Moriwaki
 10:30 - 12:00 SJA Guest Workshop: Romie Littrell - Biobricks
 12:00 - 1:00 Lunch
 1:00 - 2:00 SJA Guest Lecture: John Carpenter
 2:00 - 3:30 Work in Project Groups - Imagine the Impossible
 3:30 - 5:00 Midterm Presentations & Critique
 7:00 - 9:00 Sci-Fi Film Series @ CNSI Auditorium

TUES 08.02.16

Investigation

9:00 - 10:00 SJA Lecture - Art Methods as Scientific Investigation | Science as Art Inquiry
 10:00 - 3:00 SJA Field Trip: Getty Conservation Institute
 4:00 - 5:00 Work in project groups - Imagine the Impossible
 7:30 - 9:00 SJA Film Series

WED 08.03.16

Inspiration

9:00 - 10:00 SJA Lecture: Imitation as a Guiding Principle in Engineering, Art, and Design
 10:00 - 11:00 SJA Guest Lecture and Demo: Ozcan Group
 12:00 - 1:00 Lunch
 1:00 - 5:00 Work in project groups - Imagine the Impossible
 7:00 - 9:00 Work in project groups - Imagine the Impossible

THR 08.04.16

Perspiration

9:00 - 10:00 Program review, Q&A
 10:30 - 12:30 Work with project groups w/ Instructor Critique
 12:30 - 1:30 Lunch
 1:30 - 2:30 SJA Guest Lecture: Prof. Jim Gimzewski
 2:30 - 5:00 Final proposal development and critique
 7:00 - 9:00 Work in project groups - Imagine the Impossible

FRI 08.05.16

Closing Program

9:00 - 10:00 Morning reception
 9:00 - 10:00 Final preparations & testing
 10:00 - 11:00 Welcome & Program Review
 11:00 - 1:00 Final Presentations
 1:00 - 2:00 Reception and Certificates