

# Stanford University SSSIP STEM Summer Program

## Day 1

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### AM

10:00 - 18:00

Check-in, dorm orientation, main campus tour

### PM

18:00 - 19:30

Dinner

19:30 - 21:00

Socializing time with Stanford students and local high school students

## Day 2

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### AM

09:00 - 10:00

Welcome remarks, program introduction, Q&A

10:15 - 12:00

Seminar: scientific project

### PM

12:00 - 14:30

Lunch break, locating all classroom and labs

14:30 - 16:30

Seminar/lecture: genetics (basics) - Prof RR

16:30 - 18:00

Genetics lab - quick setup (1a lab)

18:00 - 19:30

Dinner

19:30 - 22:30

Mentored group work: genetic project design

Project design (1 page) is to be submitted by noon on the next day

Class day contents are for suggestions only, actual class schedule will need to be determined by Stanford SSSIP Professor

\*Program fee does not include airfare, subway tickets, and/or fee-based activities

## Stanford University SSSIP STEM Summer Program

### Day 3-6

#### AM

08:30 - 10:00

Lecture/labs

10:15 - 12:00

Seminar: scientific project

#### PM

12:00 - 13:30

Lunch break

13:30 - 16:30

Seminar/lecture: various topics; nano-technology, genetics, cell-bio, medical physics

16:30 - 18:00

Lab/experiment

18:00 - 19:30

Dinner

19:30 - 22:30

Mentored group work: assignments for the day

Essay writing and college application mentorship from Stanford English

Professor

### Day 7-8

#### AM

08:30 - 18:30

San Francisco or other city tours

#### PM

18:30 - 20:00

Dinner and free time

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## Stanford University SSSIP STEM Summer Program

20:00 - 22:30

Mentored group work

### Day 9-11

#### AM

08:30 - 10:00

Lecture/labs

10:15 - 12:00

Seminar: scientific project

#### PM

12:00 - 13:30

lunch break

13:30 - 16:30

seminar/lecture: nano-technology, genetics, cell bio, medical physics, etc.

16:30 - 18:00

lab/experiment

18:00 - 19:30

dinner

19:30 - 22:30

mentored group work: assignments for the day

### Day 12

#### AM

08:30 - 09:30

Private meeting with English Professor on essay writing

09:30 - 11:30

TE - Laboratory (II&III): Tissue engineer

11:30 - 12:30

TE lab notes and scientific documentations

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## Stanford University SSSIP STEM Summer Program

### PM

12:30 - 13:30

Lunch break

13:30 - 18:30

Various lab notes and reviews

18:30 - 20:00

Dinner break

20:30 - 23:30

Group review

### Day 13

#### AM

08:30 - 09:30

Final presentation preparation

09:30 - 11:30

Final presentations

11:30 - 12:30

Q&A; final conclusions and group photos

#### PM

12:30 - 14:00

lunch

14:00 - 17:30

private meetings with program professors for performance reviews (20 minutes/student) and internship certificates

18:00 - 21:30

celebration party: pool side party

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## Stanford University SSSIP STEM Summer Program

### Day 14

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**AM**

08:00 - 17:00

Students head to SFO airport

### Day 15

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Students arrive home countries

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