

# SISG/SISMID 2023 Module 1 Schedule

## Sessions:

*NOTE: Exercises and their solutions will be made available closer to the start of the module.*

**All times are in Pacific Daylight Time (PDT, GMT-7)**

**Monday, July 10, 2023**

<b>Time</b>	<b>Topic</b>
<b>8:30 - 10:00am</b>	<b>Session 1: Probability</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- In-class exercises</li><li>- Exercise solutions</li></ul>
<b>10:00 - 10:30am</b>	<b>CAFFEINE / SNACK BREAK</b> Location: PBA & FSH
<b>10:30 - 12:00pm</b>	<b>Session 2: Descriptive Statistics/Probability</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- In-class exercises</li><li>- Exercise solutions</li></ul>
<b>12:00 - 1:30pm</b>	<b>LUNCH BREAK</b>
<b>1:30 - 3:00pm</b>	<b>Session 3: Probability Distributions II</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- In-class exercises</li><li>- Exercise solutions</li></ul>
<b>3:00 - 3:30pm</b>	<b>CAFFEINE / SNACK BREAK</b> Location: PBA & FSH
<b>3:30 - 5:00pm</b>	<b>Session 4: Estimation</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- No exercises</li></ul>
<b>5:00 - 6:00pm</b>	<b>Summer Institute Networking Event</b> Location: PBA

## Tuesday, July 11, 2023

Time	Topic
8:30 - 10:00am	<b>Session 5: Sampling Distributions</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- In-class exercises</li><li>- Exercise solutions</li></ul>
10:00 - 10:30am	<b>CAFFEINE / SNACK BREAK</b> Location: PBA & FSH
10:30 - 12:00pm	<b>Session 6: Hypothesis Testing</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- No exercises</li></ul>
12:00 - 1:30pm	<b>LUNCH BREAK</b>
1:30 - 3:00pm	<b>Session 7: Contingency Tables</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- In-class exercises</li><li>- Exercise solutions</li></ul>
3:00 - 3:30pm	<b>CAFFEINE / SNACK BREAK</b> Location: PBA & FSH
3:30 - 5:00pm	<b>Session 8: Stratified Contingency Tables</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- In-class exercises</li><li>- Exercise solutions</li></ul>

## Wednesday, July 12, 2023

Time	Topic
8:30 - 10:00am	<b>Session 9: Bootstrap and Jackknife Methods</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- No exercises</li></ul>
10:00 - 10:30am	<b>CAFFEINE / SNACK BREAK</b> Location: PBA & FSH
10:30 - 12:00pm	<b>Session 10: Permutation Tests and False Detection Rates</b> <ul style="list-style-type: none"><li>- Lecture</li><li>- Exercises</li><li>- Exercise solutions</li></ul>