



## Honolulu, Oahu, Hawaii

### Hawaiian STEAM: Microbes, Symbiosis, and Culture

BISC 380 / EDUC 555 / ENVS 399

**Credit Hours:** 3

**Instructors:** Dr. Erik Hom, Assistant Professor of  
Biology  
Dr. Renee Cunningham, Assistant  
Professor of Education

**Dates:** On Campus, Dec 12-13, 2016; Jan 6-14,  
2017 in, and around, Honolulu, HI

**Course Fee:** \$2095

#### Application

**deadline:** September 30, 2016

**To Register:** Go to [outreach.olemiss.edu/study\\_usa/  
how\\_to\\_apply.html](http://outreach.olemiss.edu/study_usa/how_to_apply.html)

### Students will:

- Stay at the East-West Center, on the campus of the University of Hawaii - Manoa
- Enjoy the beautiful Kualoa Ranch, participate in field sampling hikes, learn to culture microbes, visit the Kewalo Marine Lab, and snorkel in Hanauma Bay Nature Preserve
- Meet with museum curators and experiential education professionals to better understand education outside the classroom, as well as the integration of biological engineering in K-12 schools

- Learn about microbial symbiosis from scientists, and about the entwinement of nature, culture, and education from native Hawaiian educators
- Visit sites of cultural and historical significance, tour the Bishop Museum, and experience a real Hawaiian Luau

### Location:

#### Honolulu, Oahu, Hawaii

Students will participate in two days of classwork in Oxford, in December prior to departure. Students will depart on January 6th and return on January 14th, spending 7 nights and 6 days in and around Honolulu, HI, on the island of Oahu.

### Who should go?

This course may interest Education, Environmental Science, Biology, Pharmacy, Chemistry, Biochemistry, Geoscience, Ocean Sciences, and Engineering students. Students must have completed BISC 160, 161, 162, 163 for BISC credit, or have instructor approval. No prerequisites for ENVS 399 or EDUC 555.

### Dates:

Students will meet on the Oxford campus on December 12th and 13th, 2016. The instructors will determine time and location. The program dates are Jan 6-14, 2017.

### Travel:

Flight and ground transportation costs are included in the Study USA course fee. Students are responsible for ground transportation costs during personal time; i.e. taxi, bus, or Uber.

### Costs:

Course fee is \$2095. Included in the fee are airfare, housing, group ground transportation, some group meals, and field site admission fees. Excluded from the cost are the Study USA application fee, tuition, most meals, and personal spending money.

*Itinerary subject to change. Group travel is included in the course fee.*