

# PLAGUE, PENICILLIN, & PASTEUR: MICROBIOLOGY IN EUROPE

## FRANCE, NETHERLANDS, ENGLAND

### STUDY ABROAD SUMMER 2024



This program will focus on the historical and applied aspects of microbiology and molecular biology. Students will visit London, Cambridge, Oxford, Amsterdam, Delft, and Paris as part of the study abroad. Visits to museums will be highlighted with presentations that the general public do not get to see, including disease diagnosis using London plague pit skeletons, Fleming's lab where penicillin was discovered, microscopes made by van Leeuwenhoek and Darwin, and the Cavendish Laboratory! We will make bread at *Le Cordon Bleu* in Paris and gouda cheese in Gouda (and eat them, too!). The program will end in Paris. This program will be most appealing to science students, but especially those interested in medicine, microbiology, and food science, as they will learn how these disciplines are applied and used in daily living.

#### DATES

24 June–25 July 2024 (approx.)

#### HOUSING

Students will stay in hostels and hotels arranged by the program.

#### COURSES

Students are required to enroll in 6 credit hours during the program and may choose from the following:

Students majoring in Microbiology/Molecular Biology:

- MMBIO 471—Applied and Industrial Microbiology (2 credits)
- MMBIO 510—History and Philosophy of Microbiology (2 credits)
- MMBIO 390R—Readings in Molecular Biology (1 credit)
- MMBIO 490R—Microbiology/Molecular Biology Seminar (1 credit)

Students majoring in other programs

- MMBIO 221—General Microbiology (3 credits)
- MMBIO 510—History and Philosophy of Microbiology (2 credits)
- MMBIO 490R—Microbiology/Molecular Biology Seminar (1 credit)

Students may not take any other courses during this program, including BYU Online courses, without approval by the program director and ISP.

### **COST**

\$6,000–6,500

Includes Latter-day Saint undergraduate full tuition (increased cost for graduate and non-Latter-day Saint students), housing, in-country travel, entrance fees, and international health insurance coverage.

Does not include airfare, preparation course tuition, most meals, or personal expenses.

### **TRAVEL**

Students are responsible for purchasing their own airfare to and from the program sites. Airfare reservations must be made through BYU Travel. Students should contact a BYU Travel agent. BYU Travel | 801-422-6293 | [travel@byu.edu](mailto:travel@byu.edu) | 280 HRCB

### **PREPARATION**

No prerequisites required. This study abroad is for students in any major.

Accepted students are required to participate in an international, cross-cultural preparation course (IAS 201R, 1 credit hour). This evening course will be held during the second block of winter semester. Part-time and non-BYU students will need to pay an additional \$300 tuition fee for enrolling in the prep class. Accompanying spouses need to be credit-bearing participants on the program; they will need to apply online and take the preparation course.

**Students must meet all country- and program-specific COVID and health requirements for travel.**

### **FUNDING SOURCES**

Regular BYU tuition scholarships, Pell Grants, and Federal Insured Student Loans may be applied to study abroad programs. Students who submit the financial aid section of the ISP application and who have a current FAFSA form on file at the Financial Aid Office (A-41 ASB) will be considered for a study abroad scholarship. Academic departments and colleges may assist with scholarships and grants. Private grants and scholarships outside of BYU may also assist (see <http://kennedy.byu.edu/scholarships>).

### **APPLICATION PROCESS**

Students must be adults 18 years of age or older to participate. Complete the online application at [kennedy.byu.edu/isp-apply](http://kennedy.byu.edu/isp-apply). A nonrefundable \$35 is required; applicants will be interviewed once the application is complete. Students will be notified via email of their acceptance into the program. The first payment is due upon acceptance.

**Priority Deadline: 1 November 2023**

**Application Deadline: 15 November 2023**

### **FACULTY**

**Dr. Steve Johnson** and **Dr. Brian Poole** are the faculty directors of the program. They are professors in the Department of Microbiology and Molecular Biology at Brigham Young University. Feel free to contact them with any questions you have.

Steve Johnson  
3132 LSB  
(801) 422-9170  
[stevenj@byu.edu](mailto:stevenj@byu.edu)

Brian Poole  
3138 LSB  
(801) 422-8092  
[brian\\_poole@byu.edu](mailto:brian_poole@byu.edu)

### **INTERESTED STUDENTS CAN ALSO CONTACT**

International Study Programs  
101 HRCB  
(801) 422-3686 | [isp@byu.edu](mailto:isp@byu.edu) | [kennedy.byu.edu/isp](http://kennedy.byu.edu/isp)

### **PROGRAM ADJUSTMENTS**

International Study Programs (ISP) reserves the right to cancel this program, revise its offerings, or make any adjustments to the preliminary cost. If it becomes necessary for ISP to cancel a program, all program payments made to BYU ISP will be refunded to the student's BYU financial account. ISP is the only office authorized to cancel any of its programs.