



Sierra Leone: African Democracy and Socio-Economic Development Through Sustainable Engineering

June 17 to July 1, 2013

This study abroad program is coordinated by the Northern Illinois University Study Abroad Office (SAO), in cooperation with the NIU College of Liberal Arts and Sciences and the Department of Sociology, and the College of Engineering and Engineering Technology.

PROGRAM DATES: The program will officially begin on June 17, 2013 in Freetown, Sierra Leone, and will end on July 1, 2013. The program dates may be modified slightly depending on the availability of flights to and from Africa. Students will be responsible for making their own air travel arrangements in order to arrive in Freetown on June 17. Every effort will be made to recommend a flight plan so that students can travel together, especially from Europe to Sierra Leone.

The total program will be three weeks, with two weeks in country. There will also be one week of pre- and post-program classes combined, content and duration to be determined.

PROGRAM DIRECTOR: Dr. Abu Bah, Associate Professor of Sociology in the NIU College of Liberal Arts and Sciences will serve as the program director. Dr. Bah is a citizen of the United States and Sierra Leone. He was born and raised in Sierra Leone. He did his undergraduate studies at the University of Sofia in Bulgaria and graduate studies at the New School for Social Research in New York. Dr. Bah joined NIU in 2003. His research areas include issues of democracy, state-building, peace and conflicts, and social inequality. Dr. Bah is Editor-in-Chief of *African Conflict and Peacebuilding Review* and Faculty Associate at NGOLD, NIU.



LEAD FACULTY: Andrew Otieno is an Associate Professor in the Department of Technology, College of Engineering and Engineering Technology. His research and teaching interests include green manufacturing, modeling of manufacturing processes, manufacturing automation, micromachining and renewable energy technologies. He is a member of the NIU Center for NGO Studies and Leadership, and faculty advisor for Engineers Without Borders, NIU chapter. He has led several implementation trips to Tanzania to install solar photovoltaic and thermal systems in a remote secondary school. He has a B.S. in Mechanical Engineering from the University of Nairobi, Kenya, an M.S. in Industrial Engineering and Management from Fourah Bay College, Sierra Leone and a Ph.D. in Mechanical Engineering from Leeds University, UK.

PROGRAM OVERVIEW/OBJECTIVES: The primary purpose of this program is to provide participants with the opportunity to complement their education from NIU with knowledge about political, economic, social, and technological issues in Africa. It also provides students with an opportunity to grow with Experiential Learning by engaging in a project to develop renewable energy technologies that are appropriate for developing countries, with Sierra Leone as a case study framework. Engineering students will meet ABET learning objectives as indicated.

PROGRAM SITE: The program will take place in Sierra Leone. The goal of the program is to broaden the international perspectives of NIU students by exposing them to one of the least developed countries in the world. The program will include regular classroom activities, guest lectures, and visits to local communities, civic organizations, the outdoors and historical sites. In addition, engineering students will install solar lighting at a local orphanage or another site such as a school (TBD).

The program will:

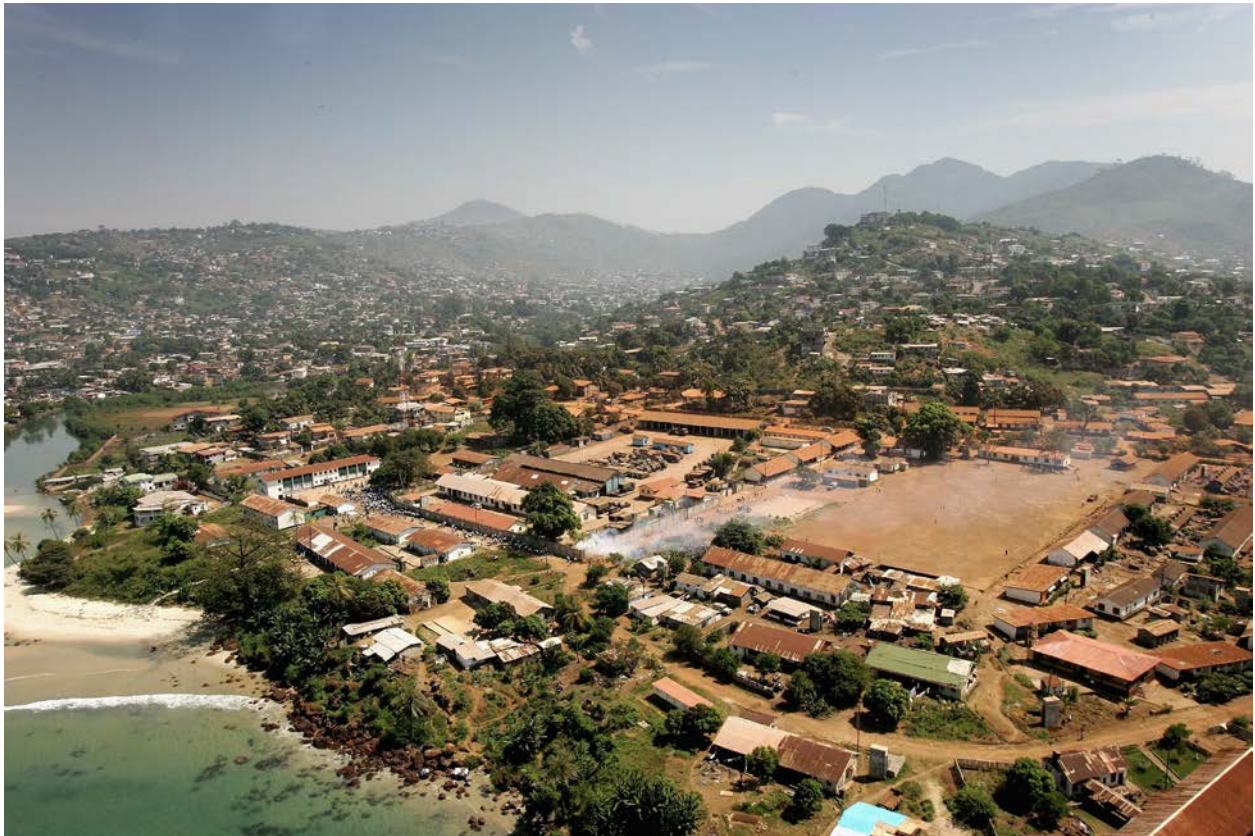
- Give students a firsthand experience of the economic, social, and environmental challenges faced by people in Sierra Leone.
- Expose students to Africa and explore the historic link between Africa and America during the Slave Trade.
- Give students an alternative perspective on poverty and race that contrasts, and complements, the American experience.
- Expose students to the postwar reconstruction, nation building, and democratization processes in Sierra Leone.
- Broaden the awareness of students about issues of cultural diversity and global interconnectedness.
- Infuse lifelong learning especially for engineering students, as required by the ABET learning outcomes

PROGRAM LOCATION: Sierra Leone is a small and poor country in West Africa. Its population is estimated to be around five million people. It is a very diverse country. There are sixteen ethnic groups. Islam, Christianity, and native religions are widely practiced by the people of Sierra Leone. Many families have members who practice both religions. It is common for a Christian to marry a Muslim and to hold the wedding ceremony in a Church and a Mosque. Sierra Leone has a beautiful landscape. Freetown, the national capital, is a peninsula with numerous beautiful mountains, green vegetation, and beaches along the Atlantic Ocean.



Sierra Leone has a long cultural tie to the United States that dates back to the Trans-Atlantic Slave Trade. Many of the ex-slaves were repatriated to Sierra Leone. Their descendants are now

the Creole people in Sierra Leone. There are also studies on the Gullah people that have traced the origins of some Gullah communities in North Carolina to Sierra Leone. Sierra Leone just came out of a civil war (1992-2002). Since 2002, the country has been peaceful and democracy is vibrant. The government is democratic and the indications are that democracy will continue to grow. There is also a lot of rebuilding programs undertaken by citizens, international NGOs, the UN, and the government.



Sierra Leone has a long and rich academic culture. The main university, Fourah Bay College, was founded in 1827. It was the first university in West Africa. Many of the leaders of British West African colonies were trained at Fourah Bay College. The university has an established African Studies program, which has just been merged with the history department. For a long time, it hosted the Kalamazoo College (Michigan) study abroad program.

Sierra Leone's present condition and recent civil war can be a good learning opportunity. The present condition of the country can help sensitize NIU students to issues of development, poverty, and multiculturalism. The civil war was mainly a struggle against dictatorship and bad governance. However, the war was also fueled by regional forces, diamond exploitation, and power struggles. All of this experience has contributed to a vibrant environment for the discourse on democracy, governance, and nation-building. All of these are issues that can give NIU students a unique perspective about the world.

As a poor country, Sierra Leone does not have an infrastructure that can be adequate for someone accustomed to the communication, transportation, electricity, and water supply of the United States. Anyone who visits Sierra Leone from the United States will have to adjust to some of these conditions.

However, arrangements can be made for private transportation services and accommodation at hotels that



are fairly inexpensive and provide comfortable accommodation. There are also luxury hotels. Electricity rationing is rampant in Sierra Leone. As a result, the need to adopt other sustainable methods of producing power for domestic needs is critical. This study abroad program offers engineering students the opportunity to utilize their knowledge towards creating sustainable renewable energy sources that will help alleviate this problem

HIGHLIGHTS: The program will be designed to include cultural field trips, museum visits, guest lectures, the outdoors (Atlantic Ocean and Mountains), visit to schools, etc.

PROGRAM AUDIENCE: Space is limited and qualified applicants will be accepted on a first-come-first-serve basis. The program is open to NIU and non-NIU students of all majors, especially those who are interested in Africa, democracy, economic development, culture, social inequality or appropriate technologies for developing countries.

INSTRUCTION METHOD: The sessions will include classroom activities and field visits. Sessions are normally held in mornings or late afternoon. Engineering students will work with other engineering students from Fourah Bay College to construct solar lighting for a local orphanage or school.

PROGRAM ACADEMIC CREDIT: For satisfactory participation in the program, participants will receive 3 semester hours of undergraduate or graduate credit in one of the following NIU courses.

HONORS CREDIT: Qualified students may also elect to receive Honors credit for any study abroad course(s) with the approval of the NIU faculty or instructor responsible for the course. For more information please contact the University Honors Office.

UNDERGRADUATE CREDIT	
SOCI 335 Migration	3 credit hours
<p>Description: Examines the national and international dynamics of migration, the causes and effects of migration, migration policies, and the experiences of immigrant communities in the United States and beyond.</p> <p>Prerequisite: SOCI 170 or SOCI 250 or SOCI 260 or SOCI 270, or consent of department</p>	
OR	
SOCI 395 Contemporary Topics in Sociology: Democracy and Development	3 credit hours
<p>Description: The course will examine the scholarly and policy debates on democratic governance and economic development in Africa.</p> <p>Prerequisite: SOCI 170 or consent of department.</p>	
OR	
TECH 398 A: Individual Problems in Technology	3 credit hours
<p>Catalog Description: Advanced undergraduate independent study course carried out under departmental supervision. May include research, application of principles, or technical problems. May be repeated. Problems must be defined and accepted by the student's major adviser and the instructor under whom the work will be done prior to registration.</p> <p>General Description: This course provides students with the opportunity to engage with in project to develop renewable energy technologies that are appropriate for developing countries, with Sierra Leone as a case study framework. This is an interdisciplinary course that involves students from any college on campus. The initial phase will involve a broad discussion on sustainable energy technologies including solar, wind, and bio-fuels. Prior to departure, the students will be involved in a 1 week course designing solar lighting systems for an orphanage or a school. A major aspect of the course is the experience of working with the local Sierra Leonean engineering students and community to install solar lighting at a location (TBD). Students will also conduct feasibility studies to determine efficient energy needs for the facility, and explore future renewable energy projects for the region.</p> <p>Prerequisite: Consent of Department</p>	

LEARNING OUTCOMES RELATED TO ABET OUTCOMES

- Demonstrate an understanding of appropriate technology for developing countries (ABET outcomes G,H).
- Develop respect for diversity and a knowledge of contemporary professional, societal and global issues (ABET outcome G,H).
- Identify appropriate technology and renewable energy needs and determine path for solution (ABET outcome A, B).
- Participate in the installation of renewable energy systems (ABET outcomes A,B and D).

GRADUATE CREDIT**SOCI 672 Proseminar in Democracy and Development****3 credit hours**

Description: The course will examine the scholarly and policy debates on democratic governance and economic development in developing countries, with a special focus on Africa.

Prerequisite: Consent of department.

INDEPENDENT STUDY/RESEARCH PROJECT: Individuals desiring to earn *three additional hours* of undergraduate or graduate credit may do so by engaging in an independent study-research project under the direction of Professor Abu Bah, program director (for CLAS students) or Professor Andrew Otieno (for CEET students). The research report for CLAS students should be at least 15 pages for undergraduate credit and 25 for graduate credit.

For engineering students, a written report outlining the problem statement, technical approach, final design and implementation must be submitted (no more than 15 pages). The report must include design calculations, schematics and wiring diagrams.

Requirements for Independent Study/Research Project: In order to obtain approval from course or major department chair and Professors Abu Bah, program director, and Andrew Otieno, lead faculty for CEET, applicants must:

1. Relate the project to a topic or subject introduced during the program.
2. Complete and submit the project for final evaluation to Professor Bah, program director, or Andrew Otieno, lead faculty, no later than October 1, 2013.

Participants who enroll for the independent research project will receive 3 semester hours of credit in one of the following NIU courses:

UNDERGRADUATE CREDIT:**SOCI 490 Independent Study in Sociology****3 credit hours**

Description: Students can undertake a research project on a topic that is related to political, economic, cultural, or social issues in Sierra Leone.

Prerequisite: Consent of department.

TECH 398 Individual Problems in Technology**3 credit hours**

Description: Advanced undergraduate independent study course carried out under departmental supervision. May include research, application of principles, or technical problems. May be repeated. Problems must be defined and accepted by the student's advisor and the instructor under whom the work will be done prior to registration.

GRADUATE CREDIT**SOCI 690 Independent Study in Sociology****3 credit hours**

Description: Students can undertake a research project on a topic that is related to political, economic, cultural, or social issues in Africa.

Prerequisite: Written permission of department.

APPLICATION AND ADMISSION PROCEDURES: The program is open to NIU and non-NIU undergraduate and graduate level students who meet the NIU general admission requirements, and who are interested in Africa, democracy, economic development, culture, social inequality or appropriate technologies for developing countries. Currently enrolled students must meet College of Liberal Arts and Sciences, or College of Engineering and Engineering Technology course GPA requirements. Graduate level students must also meet NIU Graduate School admission, course and GPA requirements.

Students must be in good academic and disciplinary standing at the time of application. Students who are on academic or disciplinary probation are not eligible to participate in study abroad programs. **Applicants must participate in the *entire* program and satisfy NIU undergraduate or graduate admission and course requirements.**

Students cannot have any encumbrances against their NIU records. Any encumbrances placed on a student's records by NIU (i.e., the Graduate School, Undergraduate Admissions, Bursar's Office, Accounts Receivable, Registration and Records, Health Services, Parking Services, etc.) must be cleared before a student is granted admission to a study abroad program.

For undergraduate students to be admitted to the program, an applicant's official transcript must be on file in the NIU Study Abroad Office. Students who are currently enrolled at NIU, or who have previously enrolled at NIU, do not need to request an official transcript; the Study Abroad Office will make this request on behalf of the applicant. Students who want to participate in the program and earn academic credit from NIU who have **not** previously enrolled at NIU, or who are not **currently** enrolled at NIU, should ask the Registrar at their institution to forward an official transcript as soon as possible to the Study Abroad Office. (Student-issued transcripts and photocopies are not acceptable.) Questions relating to the admission requirements or transcripts should be directed to the Study Abroad Office.

Students who desire to obtain graduate credit must either be admitted to a graduate program within the NIU Graduate School, or be admitted to the status of a "student-at-large" (SAL) within NIU's Graduate School. Students who are currently enrolled at NIU, or who have previously enrolled at NIU, do not need to request an official transcript. However, students who will participate in the program in order to earn academic credit as an SAL (students who have not currently enrolled, nor are previously enrolled at NIU) must provide a transcript from the baccalaureate institution and from any institution at which graduate credit has been earned. This document must be provided to the SAO before a student can be admitted as an SAL to the program.

APPLICATION: Click [Sierra Leone: African Democracy and Socio-Economic Development Through Sustainable Engineering](https://niu.studioabroad.com) or visit the NIU Study Abroad Office website at <https://niu.studioabroad.com> (and search for “Sierra Leone” or the *Sierra Leone: African Democracy and Socio-Economic Development through Sustainable Engineering* program) to begin the online application process for this program. The online process provides guidance on requesting information, advising, or applying for the program. Please note that at the time of application, applicants will be expected to submit a signature verification form and copy of their ID to the Study Abroad Office. More detailed instructions can be found on the <https://niu.studioabroad.com> website or by contacting the Study Abroad Office at (815)753-0700 or niuabroad@niu.edu.

\$200 APPLICATION FEE/DEPOSIT: A \$200 application fee/deposit is required of all applicants. The \$200 is broken down into \$100 for the non-refundable application fee and \$100 for a program deposit. Both the application fee and the deposit will be applied to the total balance of the program cost. The \$100 deposit is refundable only if the participant withdraws prior to the withdrawal deadline indicated on the program materials or for medical reasons verified by a physician if the withdrawal takes place after the withdrawal deadline.

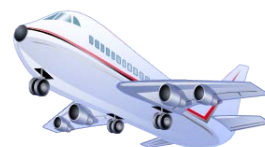
The \$200 application fee/deposit will be charged to NIU students’ NIU Bursar’s account. (Checks and money orders cannot be accepted from NIU students.) Non-NIU students must submit a check or money order in the amount of \$200. More detailed instructions can be found on the website.

IMPORTANT – All applications will be categorized as “Pending – No Deposit” until the \$200 application fee/deposit has been received (or, in the case of non-NIU students, once a check has been received). The Study Abroad Office will not consider or process applications without the \$200 application fee/deposit.

APPLICATION DEADLINE: April 1, 2013.

ACCOMMODATIONS AND MEALS: Participants will reside in small three star hotels. Rooms will be double occupancy. Three meals daily will be provided throughout the period of residency.

AIR TRANSPORTATION: Individuals will be responsible for making their own air travel arrangements between the U.S. and Freetown, Sierra Leone and for purchasing their tickets from a travel agent or airline of their choice. (Travel insurance is highly recommended.). Participants should arrive in Freetown on Monday, June 17, 2013 and depart on Monday, July 1, 2013. Please note that you will need to depart the U.S. on Sunday, June 16 in order to arrive in Freetown on Monday, June 17. Most flights include a layover in Europe. Please consult Dr. Bah before booking your flight. There is a 30 minutes ferry ride from the airport to the city. The program will cover the cost of the ferry.



Dr. Bah and the Study Abroad Office will provide contact information for each person in the group so that everyone can stay in contact about flight plans so students can travel together, especially from Europe to Sierra Leone.

For information regarding airfares and airlines students may wish to check-out additional airfare sites on the Internet and consult travel agents that specialize on Africa.

Important - The Study Abroad Office advises all participants that flight reservations for this program should not be booked until:

- a. After the April 1 application deadline.
- AND**
- b. The SAO has accepted the minimum number of participants needed to operate this program.

This advisory is given so that participants do not find themselves financially responsible for airline tickets should it be necessary to cancel the program. (See section entitled, **CANCELLATION OF THE PROGRAM**)

LAND TRANSPORTATION: For program-related travel the group will travel by cars and vans. This transportation is provided as part of the NIU program cost. (Refer to the *Tentative Daily Schedule* for specific details regarding other program-related transportation.)

PASSPORT: --IMPORTANT--All participants are required to **possess** a valid passport by March 30, 2013. *Note: U.S. passports must be valid SIX months beyond the intended stay overseas.* Individuals who do not currently possess a valid passport should apply for one immediately upon acceptance into the program. Applicants applying after March 30, 2013 may need to request expedited services or apply in person at the Chicago Passport Agency. If applicants are not within the Chicago area, they must apply at the nearest passport agency. Information on acquiring a U.S. passport is available at the U.S. State Department's website: http://travel.state.gov/passport/passport_1738.html. Foreign passport holders may need special visas for travel **and are responsible for obtaining all necessary visas.**



VISA: A valid passport is required by March 30, 2013 in order to obtain a visa to enter Sierra Leone. The Study Abroad Office will provide visa applications to students after they have been accepted into the study abroad program.

HEALTH REQUIREMENTS/VACCINATIONS: For additional information, NIU students can contact the Health Service Travel Clinic. Travel consultation and information is **FREE** for NIU students. Many recommended immunizations are available for a minimal charge. If it is determined that immunizations are required then you will be provided with a complete record of immunizations you receive to keep with your passport. The NIU Health Service Travel Clinic also provides extensive information regarding health risks and preventive measures, medical information and facilities for treatment, embassy addresses and safety issues. Referrals to outside immunization centers are available if necessary.

NIU MAJOR MEDICAL INSURANCE: NIU Student health insurance is required for participation in an NIU study abroad program. Participants not currently enrolled in the NIU insurance plan will be enrolled in the NIU major medical Insurance Plan (comprehensive) that has a \$250 deductible clause. Students requiring medical attention will be expected to pay any related costs and then file a claim with the NIU Student Insurance Office after returning to the States. Receipts showing payment for all medical expenses are required for reimbursement.

INTERNATIONAL STUDENT I.D. CARD (ISIC): The ISIC's are provided as part of the program cost. The International Student I.D. card can provide discounts on international airfare. Students will receive instructions for obtaining this card when accepted into the program.



The International Student Identity Card also includes a limited health and accident insurance policy which is only valid outside the U.S. Students will have to pay bills at the time of treatment and will be reimbursed later.

PASSPORT AND ISIC PHOTOS: You may have your passport and/or ISIC photo(s) taken in the NIU Study Abroad Office. Photos are \$3.00 for the first photo and \$2.00 for each photo after that. After the first two photos, photos must be purchased in multiples of two. Photos are usually developed while you wait. Study Abroad Office hours are 8:00 a.m. – 12:00 p.m. (closed over the lunch hour) and 1:00 – 4:30 p.m.



NIU PROGRAM COST: The program cost pays for the following cost related services:

- 1) Small hotels double occupancy accommodations and three meals daily while the group is in Sierra Leone.
- 2) Program-related land transportation in Sierra Leone and cost of the ferry ride from and to the airport.
- 3) Admission fees to cultural and historical sites visited as part of the daily schedule
- 4) Fee for acquiring the visa.
- 5) International Student I.D. Card.
- 6) NIU tuition for undergraduate or graduate credit
- 7) NIU major medical insurance.

PROGRAM COST: \$4,500

All prices quoted are subject to change. The information contained in the program documents and forms is presented in good faith and is believed to be correct as of the date presented. Northern Illinois University reserves the right to amend, modify, revise, or delete any information appearing in these documents, including but not limited to the cost of the program. Non-NIU students should consult with their home institutions regarding additional costs that may apply to study abroad. Non-NIU students are responsible for any study abroad charges imposed by their home institution.

ADDITIONAL COSTS TO PARTICIPANTS:

- Airfare
- Cost of acquiring a passport (approximately \$130, including two passport pictures).
- Additional costs associated with obtaining a visa for non-U.S. passport holders.
- Immunization fees (*if immunizations are required*)
- \$40 Undergraduate application fee for non-NIU undergraduate students.
- Independent travel and visa costs associated with independent travel.
- Expenses for free-time pursuits.
- Expenses and purchases of a personal nature.

FINANCIAL AID: As a participant in a study abroad program through NIU, applicants may be eligible for: Pell Grant, SEOG, Perkins Loan, PLUS Loan, Subsidized or Unsubsidized Stafford Loan, or your privately awarded scholarship with consent of awarding organization. Tuition waivers do not apply. Please contact Pamela Rosenberg, International Programs Business Manager, Williston Hall 407, (815) 753-9530, prosenberg@niu.edu for more information.

WITHDRAWAL FROM THE PROGRAM: Applicants withdrawing from the program after March 15, 2013 will not be refunded the \$200 program deposit.

Applicants withdrawing from the program after this date will also be held accountable for any funds obligated to overseas vendors and agents on the applicant's behalf. This provision is in effect even if the applicant has not submitted the \$200 deposit or additional payments, and if the applicant is applying for financial aid.

If the applicant must withdraw after March 15, 2013 for medical reasons, funds obligated on their behalf to overseas vendors can only be refunded if:

- 1) The request is submitted to the Study Abroad Office in writing and accompanied by a signed statement stating that travel is not advised from a physician on the physician's letterhead; **and**
- 2) NIU is able to obtain refunds from overseas vendors and agents.

CANCELLATION OF THE PROGRAM: The Study Abroad Office reserves the right to cancel this program if the minimum required enrollment is not attained. If, prior to the commencement of the program, a U.S. State Department Travel Warning is issued for Sierra Leone, all applicants will be notified promptly of the warning and the possibility of cancellation of the program. In the event that the program is canceled by NIU's International Programs Division, students shall receive a full refund of all monies. If, during the course of the program, a U.S. State Department Travel Warning is issued for Sierra Leone, students will be promptly notified of the warning and the advisability of canceling the program.

NORTHERN ILLINOIS UNIVERSITY RESERVES THE RIGHT TO ALTER OR CANCEL THIS PROGRAM AS MAY BE DEEMED NECESSARY!

Map of Sierra Leone: <http://www.lonelyplanet.com/maps/africa/sierra%20leone>

Sierra Leone: African Democracy and Socio-Economic Development Through Sustainable Engineering

Tentative Schedule

- Breakfast, lunch, and dinner (catering or local restaurant)
- Information about cultural events and entertainment will be supplied later
- Times may be modified as needed
- If need be, places/organizations/speakers may be substituted with comparable places/organizations/speakers
- Class lectures will be delivered by Dr. Bah and Dr. Otieno

Schedule A - College and Liberal Arts and Sciences Students (CEET Students see Schedule B)	
Day 1 Arrival 9:00 – 11:00 12:00 – 5:00	Lecture Tour of the city (including a visit to the U.S. Embassy)
Day 2 9:00 – 11:00 1:00 – 4:00 6:00 – 8:00	Lecture Tour of the FBC campus (including a visit to the library) Guest lecture
Day 3 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to museum Guest lecture
Day 4 8:30 – 10:00 11:00 – 7:00	Guest lecture Tour the Freetown peninsular (including villages, nature, and historic places)
Day 5 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to a school Guest lecture
Day 6 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to an NGO Guest lecture
Day 7	Visit villages and the landscape

Day 8 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to the National Library Guest lecture
Day 9 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Research visit to FBC Library Guest lecture
Day 10	Personal exploration day (e.g., No. 2 Beach)
Day 11 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to a hospital Guest lecture
Day 12 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to a camp for displaced/disabled Guest lecture
Day 13 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to the courts (Sierra Leone Law Courts and/or Special Court for Sierra Leone) Guest lecture
Day 14 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Lecture Visit to the city council or parliament Guest lecture
Day 15	Group farewell meal Departure

**Please continue to next page for
Schedule B for CEET students.**

Schedule B – College of Engineering and Engineering Technology Students	
Day 1 Arrival 9:00 – 11:00 12:00 – 5:00	Lecture Tour of the city (including a visit to the U.S. Embassy)
Day 2 8:30 – 11:00 1:00 – 4:00 6:00 – 8:00	Visit site to plan for installation Tour of the Fourah Bay College campus (including a visit to the library and faculty of Engineering) Guest lecture
Day 3 9:00 – 11:00 1:00 – 6:00	Go to Freetown and purchase supplies On site – start installation of solar lighting
Day 4 8:30 – 1:00 2:00 – 7:00	On site – solar installation Tour the Freetown peninsular (including villages, nature, and historic places)
Day 5 9:00 – 6:00	On site – solar installation
Day 6 8:30 – 12:00 1:00 – 3:00 6:00 – 8:00	On site – solar installation Visit to an NGO Guest lecture
Day 7	Visit villages and the landscape
Day 8 8:30 – 11:00 1:00 – 3:00 6:00 – 8:00	On site – solar installation Focused tour of city to perform feasibility studies Discussion on feasibility studies
Day 9 9:00 – 5:00 6:00 – 8:00	On site – Wrap-up solar installation and testing Guest lecture
Day 10	Personal exploration day (e.g., No. 2 Beach)
Day 11 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Feasibility studies Visit to a hospital Guest lecture
Day 12 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Feasibility studies continue Visit to a camp for displaced/disabled Guest lecture

Day 13 9:00 – 11:00 1:00 – 4:00 6:00 – 8:00	Tour of surrounding area – feasibility of bio-fuels including palm oil Fourah Bay College, Faculty of Engineering and group discussions on renewable energy Guest lecture
Day 14 9:00 – 11:00 1:00 – 3:00 6:00 – 8:00	Wrap-up Visit to the city council or parliament Guest lecture
Day 15	Group farewell meal Departure

Schedules subject to change.