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Stony Brook
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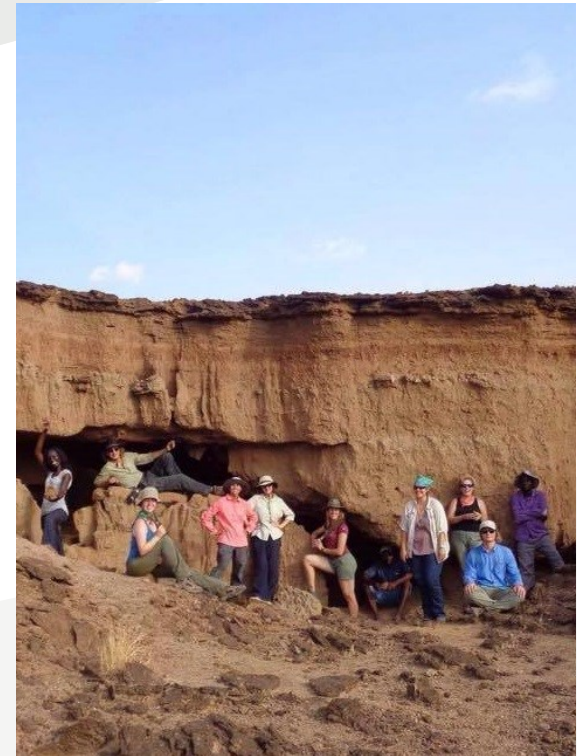
**FAR
BEYOND**

www.stonybrook.edu/studyabroad

STUDY ABROAD AND EXCHANGE 2017

Turkana Basin Institute Global Innovation

May 22 - June 24, 2017



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Course of Study

The program is comprised of 2, 3-credit courses at the upper division level:

- **EAS 312** Engineering for the Developed World
- **EAS 310** Global Design Engineering Innovation



Program Description

Change lives this summer with your creative solutions to real problems for real people in Kenya! This program is designed for students who have an interest in innovative design engineering geared toward developing populations. Using the Turkana Basin Institute as the base for their field work, students will work in interdisciplinary teams to have a positive global and local impact through relevant fieldwork and case studies.

Each course's learning objectives are posed to help engineers better understand the population they are serving. This field course at Turkana Basin would expose students to apply the design thinking and mission-centric Lean LaunchPad methodology for discovering both the technical problems and the customers for the local community at the Turkana Basin. The students will identify such problems in the proper socio-economic and cultural context by deep observation and engagement with the local community by taking an empathy-oriented approach.

The coursework introduces students to the main principles of engineering and discusses the details of providing a standard of living that is adequate for human settlement in developing countries. The discussion will be based on the social, geo-political, and infrastructural elements in Ileret, Kenya. Students will be exposed to a comparison between the resources available in developed countries against those available in rural areas and/or areas of limited resources.



Apply Online

www.stonybrook.edu/studyabroad/process.html

- **By March 1, 2017**
- Late applications may be considered

Eligibility

- Language proficiency is NOT required
- Undergraduate students in good academic standing (2.0 GPA or higher)

Living Arrangements

- Residence hall style housing

Program and Tuition Fees

- **Application Fee**.....\$60
- **Administrative Fee**..... \$200
- **Undergraduate Tuition**
 - NY Residents per credit.....\$270
 - Non-Residents per credit.....\$988

Program Fee (per semester)..... \$3,800

(includes housing, three meals per day, all group excursions, and international health insurance)

- **Additional Costs:** Estimated Airfare: \$1,500. All student participants will travel together to the study abroad site. Students who do not abide by this policy may be dismissed from the program. Vaccinations as per travel doctor, visa fee of \$50.

Costs are subject to change at any point.

Scholarships are available!