

ISC: Global Health



Core partner sites

- Primeros Pasos clinic – Quetzaltenango, Guatemala
- Hospital Occidente – Santa Rosa de Copan, Honduras
- Hospital Escuela Oscar Danilo Rosales Argüello – Leon, Nicaragua
- Lwala Community Alliance – Lwala, Kenya
- Jordan University Teaching Hospital
- Alternative sites as identified by students

Course competencies: Upon completion of the course, students will be able to:

1. Assess complexities of global health issues.
2. Examine determinants of global health and development from an interdisciplinary and foundational science vantage point.
3. Apply relevant foundational science to conditions encountered at host site.
4. Compare diverse approaches to health issues across multiple contexts.
5. Participate in and analyze the scientific foundations of interventions used to ameliorate health and developmental problems.
6. Encounter, diagnose, and participate in treating medical problems that are uncommon in the U.S.
7. Discuss community development, social justice, and human rights principles as they are applied in global health.
8. Contribute to the foundational and clinical science understandings of colleagues in the host country institution.

Foundational sciences included in the course: health systems, microbiology, nutrition, pathology, pathophysiology, population health, public health, social sciences

Weekly topics

	Central America and Jordan	Lwala
Prior to departure	<ul style="list-style-type: none"> • Cultural Competency • Ethical Issues in Global Health Work • Realities of Going Abroad 	
Week 1	<ul style="list-style-type: none"> • Global Health overview • Water and Sanitation (WASH) • Implementation Science 	
Week 2	<ul style="list-style-type: none"> • Non-communicable Diseases • Global Cancer 	<ul style="list-style-type: none"> • Infectious Diseases • Pathology & Laboratory Medicine (<i>optional</i>)
Week 3	<ul style="list-style-type: none"> • Infectious Diseases 	<ul style="list-style-type: none"> • Maternal and Child Health (MCH) • MCH with HIV focus
Week 4	<ul style="list-style-type: none"> • Nutrition • Maternal and Child Health (<i>optional</i>) 	<ul style="list-style-type: none"> • Nutrition • Non-communicable Diseases

Topics, sciences, and concepts are taught through digital modules (including videos and readings), exposure to patients, community engagement, mentoring sessions, and reflections.

Course assignments: quizzes on digital modules, reflective blog posts, skype mentoring calls, H&Ps, capstone presentation, capstone essays