

School of CBEE & Humanitarian Engineering

HEST 320: Engineering for Global Health Solutions

Catalog Description: This course is an introduction to the critical processes and drivers involved in the development of engineering solutions to address global health problems. Topics include world health challenges, accessing and interpreting health and economic data, basic healthcare systems around the world, the importance of ethical guidelines in ensuring the protection of human subjects, the process of cost effectiveness assessment of a technology, and the timescale and hurdles to adoption of a technology.

Baccalaureate Core: This course fulfills the Baccalaureate Core curriculum requirement for synthesis in the category of Science, Technology, and Society.

Prerequisites: This course is open to all students.

Instructor: Elain Fu (elain.fu@oregonstate.edu)

Course Schedule: T/R from noon to 1:20 PM

Course Location: Covell 221

Credits: 3

CRN: 59241

Photo:
Nigerian Army
Medical Corps
archway,
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Christensen

