

Global Health Technologies Minor Requirements Check List [AY20-21]

Student's Name (print): _____

Email address: _____ Cell phone: _____

Academic Level: Freshman Sophomore Junior Senior

Check if you plan to graduate next semester: Expected Graduation: Fall Spring Yr _____

Major Area (check one): Engineering or Science Humanities, Public Policy, Social Sciences

Major: _____

The curriculum for a minor in Global Health Technologies requires 21 credit hours. Please note that it is the responsibility of the student to ensure they satisfy their general university and major degree requirements.

Fill out the appropriate sections below prior to meeting with the minor advisor:

Course	Semester Offered	Credit Hours	Course Description	Note	Semester Taken (or planned)
GLHT 201	Fall	3	Introduction to Global Health		
GLHT 360	Spring	3	Appropriate Design for Global Health	¥	
PSYC 370 -or-	Fall	3	Introduction to Human Factors & Ergonomics -or-	**	
SOCI 381 -or-	Fall	3	Research Methods -or-	**	
GLHT 392 -or-	Fall	3	Needs Finding and Development in Bioengineering -or-	***	
ANTH 381 -or-	Spring	3	Medical Anthropology -or-	**	
SOCI 345 -or-	Spring	3	Medical Sociology -or-	**	
GLHT 464 -or-	Spring	3	Social Entrepreneurship -or-	**	
GLHT 314	Spring	3	Sustainable Water Purification for the Developing World	***	
GLHT 451	Fall	3	Global Health Design Challenges I	€	
GLHT 452	Spring	3	Global Health Design Challenges II	€	
Elective 1		3	Science /Engineering elective:	*	
Elective 2		3	Humanities / Social Science elective:	*	

¥ GLHT 360 is cross listed as BIOE 360; these courses are to be considered equivalent when assessing completion of minor course requirements. To enroll in GLHT 360 the GLHT minor must be declared.

€ Bioengineering majors must alternatively enroll in BIOE451 & BIOE452 and complete a project with a global health focus. For completion of GLHT minor requirements only 2 credit hours is necessary for each GLHT451 and GLHT452.

* The list of approved electives is provided on back.

** May count toward the Humanities/Social Science elective requirement if not being completed for core course credit.

*** May count toward the Science/Engineering elective requirement if not being completed for core course credit

Advisor Comments: _____

Student's Signature

Date

Advisor's Signature

Date

Science / Engineering Elective Courses (3hrs is required from the following list):

- BIOC 318: Lab Module in Microbiology (1 credit course)
 - BIOC 331: Biology of Infectious Disease
 - BIOC 372: Immunology
 - BIOC 424: Microbiology & Biotechnology
 - BIOC 447: Experimental Biology & the Future of Medicine
 - BIOC 450: Viruses & Infectious Diseases
 - BIOC 460: Cancer biology
 - CEVE/ENGI 302: Sustainable Design
 - CEVE/GLHT 314, BIOE 365: Sustainable Water Purification for the Developing World
 - ELEC/COMP 446: Mobile Device Applications Project (**if pursuing a GLHT project*)
 - KINE 319: Statistics for Health Professionals
 - STAT 280: Elementary Applied Statistics
 - STAT 305: Intro to Statistics for Biosciences
 - GLHT 400: Global Health Technology Independent Study (1-3 credit course)
- *Note: Independent studies in other majors can be counted toward your elective requirements, but topic must be related to global health and approved in advance by your minor advisor*
- GLHT 401: GLHT Research Reporting (1 credit course)
 - GLHT 448: Technology Commercialization in Developing Countries for Engineering
 - GLHT/BIOE 449: Troubleshooting Workshop for Clinically Relevant Biomedical Equipment (1 credit course)
 - GLHT/BIOE 510 Seminar in Tropical Medicine (1 credit course)

Humanities / Social Science Elective Courses (3hrs is required from the following list):

- ANTH 343: New Religious Movements in Africa
 - ANTH 366: Science, Local and Global
 - ANTH 381: Medical Anthropology
 - ANTH 443: Anthropology of Race, Ethnicity and Health
 - ANTH 446: Advanced Topics in Biomedical Anthropology
 - BUSI/GLHT 464: Social Entrepreneurship
 - ECON 450: Economic Development
 - ECON 460: International Development
 - ECON 481: Health Economics
 - ECON 484: Public Economics
 - ENGL 272: Literature and Medicine
 - ENGL/SWGS 273: Medicine and the Media
 - ENGL 386: Medical Media Arts Lab
 - ENST 313: Sustainable Design
 - ENST 315: Environmental Health
 - HEAL 222: Principles of Public & Community Health
 - HEAL 313: Foundations of Health Promotion
 - HEAL 350 : Understanding Cancer
 - HEAL 375: The Built Environment and Public Health
 - HEAL 380: Disparities in Health in America
 - HEAL 407: Epidemiology
 - HEAL 422: Theory & Models of Health Behavior
 - HEAL 460: Planning & Evaluation of Health Promotion & Education
 - HIST 222: History of Early Africa
 - HIST 223: History of Modern Africa
 - PHIL 354: Philosophy of Medicine
 - PHIL 226: Medical Ethics (1-3 h credit)
 - POLI/LEAD 260: Advocating for Ideas to Change the World
 - POLI 329: Health Policy
 - PSYC 345: Health Psychology
 - PSYC 370: Introduction to Human Factors and Ergonomics
 - PSYC 409: Methods in Human-Computer Interaction
 - PSYC 480: Advanced Topics
- * Note: Topic must be related to global health and approved in advance by your minor advisor*
- RELI 424: Religion and Politics in Africa
 - SOCI 313: Demography
 - SOCI 345: Medical Sociology
 - SOCI 371: Poverty, Justice & Human Capabilities
 - SOCI 377: Health Disparities in the United States
 - SOCI 381: Research Methods
 - SOCI 406: Basic Demographic Techniques
 - SOCI 453: Race, Migration, and Health
 - SOCI 465: Gender & Health