

School of  
Human Evolution & Social Change

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Undergraduate Studies  
in  
Global Health

Catalog Year 2008

**PREPARE TO MAKE A DIFFERENCE**

# School of Human Evolution & Social Change<sup>1</sup>

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## **REGENTS' PROFESSOR**

CLARK

## **PROFESSORS**

BARTON, BOLIN, BRANDT, BREWIS SLADE, BUIKSTRA, CARR, CHANCE, COWGILL, EDER, HACKETT, HEGMON, HILL, HUDAK, HURTADO, JOHANSON, KIMBEL, KINTIGH, MAREAN, MARTIN, NASH, B. NELSON, M. NELSON, REED, REDMAN, SMITH, SPIELMANN, STARK, VAN DER LEEUW, WILLIAMS

## **ASSOCIATE PROFESSORS**

ABBOTT, ANDERIES, BAKER, BOONE, FALCONER, HARLAN, JONSSON, REED, SCHWARTZ, STONE, TSUDA, WELSH, WINKELMAN

## **ASSISTANT PROFESSORS**

CHOWELL-PUENTE, ISAAC, JANSSEN, KNUDSON, SCOTT, SPENCER, STOJANOWSKI, WETMORE, WUTICH, YORK

## **ASSOCIATE RESEARCH PROFESSORS**

SIMON, SUGIYAMA

## Collaborating Academic Units Outside of the School of Human Evolution & Social Change

African and African American Studies  
American Indian Policy and Leadership Development Center  
ASU Polytechnic (Nutrition, Exercise and Wellness)  
ASU West (Social and Behavioral Sciences)  
Biodesign  
Center for Bio-archaeology  
Center for Latin American Research  
Center for Population Dynamics  
Center for the Study of Institutional Diversity  
College of Nursing & Healthcare Innovation  
Gender and Women's Studies  
High Downs School of Human Communication  
History  
Religious Studies  
Sandra Day O'Connor College of Law  
School of Global Studies  
School of Sustainability  
Sociology  
Transborder Chicano/a and Latino/a Studies  
Walter Cronkite School of Journalism and Mass Communication

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<sup>1</sup> Last updated 12/05/08

**Global Health Description:**

The BA in Global Health is an interdisciplinary degree designed for students who seek a broad and flexible set of skills for understanding contemporary health challenges and thinking about how they might best be solved. 'Global' is understood in the Anthropological sense, meaning ways of understanding and addressing disease, health, and wellbeing that can incorporate all cultures, places, and time, and that can integrate knowledge of health's social, historical, biological, and ecological dimensions. The curriculum emphasizes the development of core skills in critical thinking and problem-solving and the importance of direct experience (research, study abroad, service learning, advocacy). The degree cultivates capacities to deal with any complex problem with social components: how to identify the critical issues, ask the right questions, and create solutions that are meaningful and effective.

**Career Opportunities:**

Nationally and internationally, the health field provides enormous and varied career opportunities, and demand for graduates with skills is high and only growing. The major would support the goals of those who plan to pursue careers in health services, whether in government agencies, NGOs, or in private business or industry. The degree also provides those who plan advanced specialist health training, such as in nursing, medicine, dentistry, or pharmacy, with a very broad intellectual base that will enhance the impact of later specialist training. This is because increasingly it is understood (e.g., *Pew Health Professional Consortium* report, *National Commission on Allied Health* report) that the best health professionals will have interdisciplinary perspectives, social and cultural acuity (such as in cross-cultural settings), and team-oriented skills. In Arizona as elsewhere, there is a pressing need for professionals in just about every arena (e.g., public health, education, social services, nutrition, administration, policy, sales, market research, business, government agencies, etc) with appropriate skills to work in cross-cultural settings or with underserved populations (such as migrants, minorities, those living in poverty), and many of these jobs are directly or indirectly related to health. Majors interested in pursuing research or scientific careers continue to graduate school to seek a Masters or Doctorate degree in such fields as public health, anthropology, sociology, sustainability, environmental studies, demography, or biology.

**Degree Goals:**

Students who graduate with a BA in Global Health will be able to:

- *Evaluate and apply diverse ways of knowing about and explaining human health and health experiences*
- *Integrate and apply knowledge about the social, cultural, biological, ecological, historical, and political-economic bases of health and health variation.*
- *Demonstrate knowledge and skills required for effective, productive, and lifelong communication, collaboration, and learning in and across scientific, health, and community contexts.*
- *Articulate and apply professional/personal values of conduct and responsibility*
- *Create effective, appropriate, and innovative transdisciplinary health solutions.*

The core sequence of classes, the study abroad, practicum, and capstone seminar work as a whole to develop and apply these skills.

**\*\*\*\*\*THIS GUIDE IS NOT A CONTRACT FOR GRADUATION\*\*\*\*\***. The emphasis of this guide is to provide an outline of university general studies requirements, the College of Liberal Arts & Sciences requirements and Global Health requirements. Always consult the catalog for exact requirements: [www.asu.edu/catalog](http://www.asu.edu/catalog).  
**\*\*\*\*\*THE GENERAL CATALOG FOR YOUR YEAR IS ALWAYS RIGHT\*\*\*\*\***

Students must complete a **minimum** of 120 credit hours to graduate. Of those hours only 64 can be from a two-year institution (community college). Also, 45 credits must be upper division (300 or 400 level) courses. In addition to ENG 101 & 102, students must complete MAT 119 or higher.

Course work in global health completed at other institutions will be evaluated by the SHESC Undergraduate Advisor. The College of Liberal Arts and Sciences requires that **transfer students complete** at least 12 hours of upper-division course work at ASU in the School of their major in order to be eligible for graduation.

In addition to a cumulative GPA of 2.00 or higher, all Global Health students must obtain a minimum grade of "C" in all upper- and lower-division SSH courses and all courses in related fields.

Consultation with the Undergraduate Advisor and a faculty mentor in the School of Human Evolution & Social Change is recommended each semester. The Undergraduate Advisor is located in SHESC 216.

**Reminder:** *Declaration of Graduation* forms are due in the Fulton Center Suite 110 immediately after students enroll in the 87<sup>th</sup> hour. The deadline for the Fall semester is October 1<sup>st</sup> and for the Spring Semester is March 1<sup>st</sup>. Each student's Declaration of Graduation (DOG) and Degree Audit Report (DARs), or Program of Study (POS), must be reviewed and approved by the SHESC Undergraduate Advisor.

**GRADUATION REQUIREMENTS**  
**College of Liberal Arts & Sciences students must satisfy the following to graduate:**

- 1) University General Studies Requirements
- 2) College of Liberal Arts & Sciences Requirements
- 3) B.A. in Global Health Major Requirements

## **1) Meeting the University General Studies Requirement:**

A minimum of 35 semester hours plus the First-Year Composition requirement is required. Courses that fulfill the First-Year Composition requirement are ENG 101 & 102; or 105; or 107 & 108 (WAC 101 or 107 is also required in some cases).

**The Five General Studies Core Areas:** A single course cannot be used to satisfy two core area requirements, even if it is approved for more than one core area.

- Literacy and Critical Inquiry (**L**) – 6 semester hours with at least 3 upper-division credits.
- Mathematical Studies **MA** and **CS** Requirement – 3 semester hours **MA** and at least 3 semester hours **CS**. CLAS majors require a "C" minimum in the MA area.
- Combined **HU** and **SB** Requirement -15 semester hours, 6 semester hours must be taken in one of these two core areas and 9 hours in the other core area; and 3 of the 15 semester hours must upper-division.
- Natural Science-Quantitative (**SQ**) and Natural Science-General (**SG**) - 4 semester hours **SQ** and 4 semester hour **SQ** or **SG**.

**Awareness Areas:** A single course may be used to satisfy one core area and/or a maximum of two awareness area requirements. Students **must complete** courses that satisfy each of the **three awareness areas:** *Cultural Diversity in the United States* (C), *Global Awareness* (G), and *Historical Awareness* (H).

**General Studies** course lists are available in the ASU General Catalog, the Schedule of Classes and on the web at <https://sec.was.asu.edu/coursedb/genstudies/genstudies.jsp>.

## **2) Meeting the CLAS College Graduation Requirement:**

**a. Students pursuing a B.A.** must fulfill the second language proficiency requirement. The fourth semester requires a "C" minimum grade. Through the 202 level for most, but for GRK must complete 301 & 302, POR and ROM must complete 314.

**b. Students must also complete MAT 119** or higher.

### **3) Meeting the School of Human Evolution & Social Change Requirements for a:**

## **B.A. in Global Health**

The major consists of a minimum of 39 semester hours. At least **12 credit** hours must be taken in residence at ASU's Tempe Campus and **at least 18** of the 39 hours must be upper-division. Student should take their core courses with the SSH prefix if available; failing that AML, ASM and ASB are preferred. In addition to required courses, students select the remaining electives from the list approved courses. Other elective courses will be evaluated for suitability to count towards the major by the School of Human Evolution and Social Change's Undergraduate Advising Office in collaboration with the Undergraduate Director and the Undergraduate Committee.

### **I. REQUIRED COURSES**

(18 credits)

*a. Intro Course \**

*b. Time Depth Course or Health and Human Biology Course*

*c. Poverty and Social Justice Course*

*d. Culture, Society, and Health Course*

*e. Practicum \*\**

*f. Capstone Seminar in Global Health \*(taken the last semester)*

### **II. STUDY ABROAD EXPERIENCE**

*a. Students must choose a summer study abroad experience from a list of programs. (see below for more information)\**

### **III. RELATED AREA ELECTIVE COURSES**

(21 credits)

\* Substitutions for these courses or requirements are not permitted

# I. REQUIRED COURSES (18 credits)

## a. Introductory Course

SSH 100 Introduction to Global Health (required) \* (SB)

## b. Time Depth Courses or Health and Human Biology Course (choose at least one)

SSH 301 Global History of Health (3) (SB & H) (recommended)

SSH 401 Health and Human Biology (3) (recommended)

### OR

ASB 368 Prehistoric/Historic Hunter-Gatherers (3) (SB & H)

ASM 342 Human Biological Variation (4) (SG) (recommended)

ASM 345 Disease and Human Evolution (3) (recommended)

ASM 394 Intro to Human Behavioral Ecology (3) (recommended)

ASM 452 Dental Anthropology (4) (SG)

ASM 494 Mathematical Epidemiology (3) (recommended)

BIO 494 Emerging Infectious Disease (3)

HPS 331 History of Medicine (3) (H)

NTR 450 Nutrition in the Life Cycle I (3) (SB)

NTR 501 Research Methods in Nutrition II (3)

NTR 598 Topic: Global Nutrition (3)

SOC 433 Applied Demography (3) (SB)

SOC 448 Epidemics and Society (3) (SB & G)

SSH 301 Global History of Health (3) (SB & H)

## c. Poverty and Social Justice Courses (choose at least one)

SSH 400 Poverty, Social Justice and Global Health (3) (L or SB & H)  
(recommended)

### OR

ASB 202 Ethnic Relations in the US (3) (SB & H & C)

ASM 348 Social Issues in Human Genetics (3) (SB)

ESS 494/ ASB 494 Urban and Environmental Health (3)

### OR

SGS 394 Principles of Economic Development and Globalization (3)

SGS 394 Violence, Conflict and Human Rights (3)

SOC 424 Women and Health (3) (L or SB)

TCL 327 Health and Migration (3) (SB)

TCL 342 Social Demographics of Latino Populations (3) (SB)

TCL 422 U.S.-Mexico Border Health (3)

TCL 432 Issues in Gender (3)

TCL 443 Political Ecology of the Border (3) (SB)

WST 394 Women and International Health

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\* SSH 100 (the introductory course) and SSH 405 (the senior capstone course) may not be substituted.

\*\* A maximum of 9 hours of SSH 402 or SSH 403 may be applied to the major.

**d. Culture, Society and Health Courses (choose at least one):**

SSH 200/ASB 200 Food and Culture (3) (or ASB 394 Food and Culture)

SSH 404/ ASB 462 Culture and Health: Medical Anthropology (3) (C)

(recommended)

**OR**

AFS 294 Health Issues in the Black Community

HON 494 Religion and Bioethics (3)

HST 312 History of Women in Science & Medicine (3)

NTR 348 Cultural Aspects of Food (3) (SB & C &G)

SOC 427 Sociology of Health and Illness (3) (L or SB)

TCL 323 Latino Health Issues (3) (SB & C)

TCL 326 Health of Chicanas and Latinas (3)

TCL 401 Health, Medicine and Psychosocial Dynamics (3)

TCL 410 Race, Medicine and the Body, (3) (L)

WST 360 Women as Healers (3) (SB & G)

WST 373 Chicana/Latina Issues (3) (SB & C)

WST 498 Women and HIV/AIDS (3) (L)

**e. Practicum Course (3 hours minimum)**

SSH 402/ASB 452 Community Partnerships for Global Health (3-9 hrs)

\*\* (recommended) (SB)

SSH 499 Individualized Study (with core SSH faculty) (3)

**OR**

AFS 494 Health Education and Health Promotion in Black Communities

ASB 494 Health, Population & Nutrition of People of the Upper Napo (3) (Ecuador Study Abroad)

ESS 494/ ASB 494 Urban and Environmental Health (3)

POL 464 Border Cities: Action Research (3) (SB & G)

TCL 321 Transborder Community Development and Health (3)

TCL 424 Theory and Practice of Community Health Organizing (3)

**f. Capstone Seminar (required)**

SSH 405 Capstone Seminar in Global Health (3)\*

## II. Study Abroad

***(MUST choose at least one from the following list)***

*NOTE: Depending on the program you choose, you can earn between 3-9 credit hours on the summer study abroad that will either count towards the core requirements or electives.*

- **Australia: Dimensions of Sustainability & Fiji<sup>†</sup> (summer)**  
<http://shesc.asu.edu/australia>
- **London, The Greatest City: Adventures in History, Environment, Health and Social Change (summer)** <http://shesc.asu.edu/london>
- **New Zealand, Adventures in Culture, Health and Environment & Fiji<sup>†</sup> (summer)**  
<http://shesc.asu.edu/newzealand>
- **Ecuador, Andes and Amazon Field School (summer)** <http://andes.asu.edu>  
(note: this program is not a School of Human Evolution and Social Change program)

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<sup>†</sup> Fiji is an additional week program which is optional for students who choose Australia or New Zealand. You can earn 3 credits on this program.

### III. RELATED AREA ELECTIVES (21 credits)

Students can choose the remaining courses from either: ***b. Time Depth Courses; c. Poverty and Social Justice courses; d. Health and Human Biology Courses; g. Culture, Society & Health Courses;*** or from the ***Health Programs Courses, Career Development Courses, Quantitative Courses and/or Other Related Areas*** listed below. Students should speak with the advisor and/or a faculty member to discuss their interests and decide which courses would best suite their career goals.

#### ***Health Programs Courses***

- AIS 380 Contemporary Issues of American Indian Nations (3)
- BIO 390 Pre-medical/ Pre-dental Internship (3)
- COM 110 Elements on Interpersonal Communication (3) (SB)
- COM 263 Elements of Intercultural Communication (3) (SB & C & G)
- COM 312 Communication, Conflict and Negotiation (3)
- COM 319 Persuasion and Social Influence (3) (SB)
- COM 371 Cross Cultural Communication and Perspectives (3) (SB & C & G)
- HHS 400 Community Based Complementary Health Services (3)
- HSM 220 Health Care Organizations (3) (H)
- IAS 300 Adult Career Development (3) (L or SB)
- IED 494 Role of Tribal, State, & Federal Government in Indian Education
- MGT 300 Organizational Management and Leadership (3)
- MGT 310 Collaborative Team Skills (3)
- MGT 320 Managing People in Organizations (3)
- PGS 365 Community Psychology (3) (SB)
- PGS 458 Group Dynamics (3)
- PGS 461 Interpersonal Influence (3) (SB)
- POS 220 Political Issues and Public Policy (3) (SB)
- POS 325 Public Policy Development (3) (SB)
- POS 465 International Organizations and Law (3) (SB & G)
- SBS 300 Interdisciplinary Approaches of Social and Behavioral Sciences (3) (SB)
- SBS 302 Qualitative Methods (3)
- SBS 461 Program Evaluation and Policy Research (3)
- TWC 301 General Principles of Multimedia Writing (3) (L)
- TWC 443 Proposal Writing (3)

TWC 451 Copyright and Intellectual Property in the Electronic Age (3)

#### ***Career Development Courses***

- LCS 350 Premedical Professional Seminar
- TWC 403 Writing for Professional Publications (3)

#### ***Quantitative Courses***

- ASM 394 Rules, Games and Society (recommended) (L)
- ASM 465 Quantification and Analysis for Anthropologists (3) (CS)
- ASM 494 Social Simulation
- BIO 435 Research Techniques in Animal Behavior (3)
- GCU 373 Intro to GIS (4) (SG)
- LSC 415 Biometry (4) (CS)
- PSY 230 Introduction to Statistics (3) (CS)
- PSY 290 Research Methods (4) (L or SG)
- SBS 305 Quantitative Methods (3)
- SOC 390 Social Statistics I (3) (CS)
- STP 231 Statistics for Biosciences (3) (CS)
- STP 420 Introduction to Applied Statistics (3) (CS)

#### ***Related Area Courses***

##### *Poverty and Social Justice Courses:*

- AFH 300 Precolonial Africa (3)
- AFH 305 The Global History of Transatlantic Trade (3)
- AFH 319 Black Experiences in Latin America (3)
- AFS 210 Intro to Ethnic Studies in the US (3) (C)
- AFS 304 Islands of Globalization Caribbean (3)
- AFS 327 Human Rights in Africa (3)
- AFS 466 (ASB 466) Peoples and Cultures of Africa (3) (SB & G & H)

ALA 100 Introduction to Environmental Design (3) (HU & H & G)  
 ASB 321 Indians of the Southwest (3) ((L or SB) & H & C)  
 ASB 342 Mexico-US Borderlands (3) (SB)  
 ASB 445 Globalization, Development, and Resistance (3) (SB & G)  
 BIO 318 History of Medicine (3) (H)  
 ETH 300 Principles of Ethnic Studies (3) (C)  
 FMS 480 Globalization, Technology, and Culture (3) (HU & G)  
 GCU 102 Introduction to Human Geography (3) (SB & G)  
 GCU 253 Introduction to Cultural and Historical Geography (3) (SB & G)  
 GCU 323 Geography of Latin America (3) (SB & G)  
 GCU 357 Social Geography (3) (SB)  
 GCU 423 Geography of South America (3) (SB & G)  
 GCU 425 Geography of the Mexican American Borderland (3) ((L or SB) & G)  
 HIS 465 Origins of Racism (3) (G & H)  
 HST 101 Global History Since 1500 (3) (HU & H & G)  
 HST 203 Historical Themes in Latin America (3) (SB & H)  
 HST 343 The American Southwest (3) ((L or SB) & H)  
 HST 375 Colonial Latin America (3) (SB & H)  
 HST 376 Modern Latin America (3) (SB & H)  
 HUD 201 Introduction to Housing and Urban Development (3)  
 IAS 340 Bioethics (3) ((HU or SB) & C & H)  
 IED 460 Yaqui History and Culture (3) ((HU or SB) & C & H)  
 PGS 451 Stereotyping, Prejudice and Discrimination (3) (L)  
 PHI 120 Introduction to Medical and Bioethics (3) (HU)  
 POL 460 Politics of Globalization (3) (SB & G)  
 POL 486 Global Political Economy (3) (SB & G)  
 POS 160 Global Politics  
 POS 260 Current Issues in International Politics (3) ((L or SB) & G)  
 POS 368 Ethics and Human Rights (3)  
 POS 453 South America (3) (SB & G)  
 POS 455 Central America and the Caribbean (3) (SB & G)  
 PUP 190 Sustainable Cities (3) ((HU or SB) & G)

SBS 301 Cultural Diversity (3) ((L or SB) & C)  
 SBS 450 Topics in Local/Global (3) (SB & G)  
 SGS 103 Contemporary Global Trends (3) (SB & G)  
 SOC 270 Racial and Ethnic Relations (3) (SB & C)  
 SOC 370 Racial and Ethnic Minorities (3)

*Health and Human Biology Courses:*

BIO 311 Biology and Society (3)  
 BIO 331 Animal Behavior (3)  
 BIO 336 Sociobiology (3)  
 BIO 351 Developmental Anatomy (3)  
 BIO 431 Genes, Development and Evolution (3) (L)  
 BIO 446 Principles in Human Genetics (3) (L)  
 BIO 465 Neurophysiology (3)  
 KIN 340 Physiology of Exercise (3)  
 KIN 345 Motor Development Learning (3)  
 LSC 342 Hormones and Behavior (3)  
 LSC 345 Organic Evolution (3)  
 LSC 347 Fundamentals of Genetics (3)  
 LSC 351 Developmental Anatomy (3)  
 LSC 360 The Biology of the Human Experience (3)  
 LSC 380 Medical Parasitology (3)  
 LSC 422 Introduction to Immunology (3)  
 PGS 341 Developmental Psychology (3) (SB)  
 PGS 441 Cognitive Developments (3) (L or SB)  
 PGS 442 Life Span Development (3)  
 PGS 446 Social Development (3) (SB)  
 PGS 452 Applied Social Psychology (3) (L)  
 PGS 453 Organizational Behavior (S) (SB)  
 PGS 462 Health Psychology (S)  
 PGS 465 Psychology of Stress and Coping (3) (L)  
 PGS 465-W Psychology of Stress and Coping (3) (SB)  
 PGS 467 Psycho9logy of Magical Beliefs (3) (L)  
 PGS 471 Psychological Testing (3)  
 PHI 120 Introduction to Medical and Bioethics (3) (HU)  
 PSY 320 Learning and Memory (3)  
 PSY 324 Memory and Cognition (3)  
 PSY 325 Physiological Psychology (3)  
 PSY 424 Genetic Psychology (3) (L)  
 PSY 425 Biological bases of Behavior (3) (L)  
 PSY 434 Cognitive Psychology (3) (L)  
 SOC 352 Social Change (3) (SB & G & H)  
 SOC 360 Sociological Psychology (3) (SB)  
 SOC 418 Aging and the Life Course (3) (SB)  
 SOC 427 Sociology of Health and Illness (3) (L or SB)  
 SOC 457 Social Movements and Social Change (3) (SB & G)

*Other Courses:*

- AFS 494 Health Education and Health Promotion in Black Communities  
ASB 211 Women in Other Cultures (3) ((HU or SB) & G)  
ASB 311 Principles of Social Anthropology (3) (SB)  
ASB 324 Peoples of the Pacific (3) (G)  
ASB 325 Peoples of Southeast Asia (3) (G)  
ASB 327 Action Anthropology (3)  
ASB 353 Death and Dying in Cross-cultural Perspective (3) ((HU or SB) & G)  
BIO 394 Bioethics  
BIO 415 Biometry (4) (CS)  
BIO 494 Current Issues in US Public Health  
COM 371 Language, Culture and Communication (3) (SB & C & G)  
EXW 442 Physical Activity in Health and Disease (3) (L)  
EXW 444 Epidemiology (3)  
FAS 370 Family, Ethnic and Cultural Diversity (3) (SB & C)  
GCU 344 Geography of Hispanics Americans (3) (SB & C)  
GCU 351 Population Geography (3) (SB & G)  
GCU 515 Human Migration (3)  
GPH 210 Society and Environment (3) (G)  
GPH 314 Global Change (3) (HU & G)  
HST 302 ST: History of Women in Science and Medicine (3) ((HU or SB) & H)  
HST 302 ST: Western Medical Traditions (3) ((HU or SB) & H)  
HIS 331 History of Medicine (3)  
JMC 445 Science Writing (3)  
JUS 320 Community and Social Justice (3) (SB & C)  
JUS 321 Wealth Distribution and Poverty (3) (SB & C)  
JUS 329 Domestic Violence (3) (SB)  
JUS 405 Economic Justice (3) ((L or SB) & G)  
JUS 415 Gender and International Development (3) (L & G)  
NTR 351 Nutrition and Health Communication (3)  
NTR 450 Nutrition in the Lifecycle I (3) (SB)  
NTR 451 Nutrition in the Lifecycle II (3)  
PGS 464 Minority Issues in Psychology: Mental Health and Drug Abuse (3)  
REL 382 Religion, Magic, and Science (3) (L or HU)  
SGS 394 Humanitarian Crisis and International Intervention  
SGS 394: Research Methods  
SOC 333 Population (3) (SB)  
TCL 327 Health and Migration (3)  
WST 460 Women and the Body (3) (SB & C)  
WST 477 Women and Violence (3) (SB & C)

# DESCRIPTION OF RECOMMENDED CORE COURSES:

## **SSH 100 Introduction to Global Health (3)**

*Fall.*

Current global health crises and challenges, basic tools for describing health and disease, introduction to the ecological, cultural, social, historical, political-economic bases of global health and disease, and comparative health systems.

## **SSH 301 Global History of Health (3)**

*Fall*

Examines disease and health transitions in the broadest context of human history, from primate ancestors to hunter-gatherers, to transcontinental contact, colonialism, industrialization, and urbanization. Considers such issues as methods for understanding health history, disease as an architect of history, co-evolutionary processes, history of human health care practices, and how long-term perspectives can inform current health challenges and their solution.

## **SSH 400 Poverty, Social Justice, and Global Health (3)**

*Spring.*

Draws from the perspectives of Anthropology and allied fields to explore a range of critical, social justice and ethical issues related to health disparities, health care, and health research, with a particular focus on vulnerable and special populations (such as minorities, migrants, refugees, those living in poverty). Prerequisite or co-requisite: SSH 100 or ASB 102 or instructor approval.

## **SSH 401 Health and Human Biology (4)**

*Spring*

Health and human biology considered in the contexts of human evolutionary history, and biological and cultural variation. Includes laboratory-based techniques for assessing health status of individuals and populations, and application of core concepts of human variation, such as selection, life history, adaptation to diverse environments, and bio-cultural evolution, to understanding differential disease risk and expression associated with such biocultural factors as ethnicity, gender, and age. Includes 3 hour lecture, 3 hour lab. Prerequisite: SSH 100 or ASM 104 or instructor approval.

## **SSH 402 Community Partnerships for Global Health (3-12)**

*Selected semesters and summer.*

Supervised community-based activities relevant to a global perspective on contemporary US health: may focus on research, assessment, intervention, policy, advocacy, or education. Addresses community identified issues using appropriate methodologies. Pre-requisite: SSH 400 or instructor approval. May be repeated for up to 12 hours of credit.

## **SSH 403 Cross-cultural Studies in Global Health (3-12)**

*Selected semesters and summer.*

Direct investigations through study abroad of culture, ecology, and health in international settings, such as health systems, indigenous and multicultural health, traditional health practices and knowledge, population perspectives on health, environmental and ecological perspectives on health and human biology, and challenges of health care delivery. Prerequisite: SSH 100 or instructor approval. May be repeated for up to 12 hours of credit.

**SSH 404 Culture and Health (3)** [taught previously as ASB 462]

*Fall*

Explores the role of culture in health from a comparative perspective, including indigenous and pluralistic systems of illness and curing. Focus is on the United States. SSH 100 or ASB 102 or instructor approval.

**SSH 405 Capstone Seminar in Global Health (3)**

*Spring*

Students create health solutions, integrating theoretical, methodological, ethical, and experiential learning related to the global health major. Students are encouraged to produce a project that incorporates learning from any other degree(s) majors or minors in design of a capstone project. Pre-requisite or co-requisites: SSH 400, 401, 402, 403, and 404, or instructor approval.

**ASB 202 Ethnic Relations in the US (3) (SB & H & C)**

Processes of intercultural relations; systems approach to history of U.S. interethnic relations; psychocultural analysis of contemporary U.S. ethnic relations

**ASB 368 Prehistoric/Historic Hunter-Gatherers (3) (SB & H)**

Studies known hunting and gathering societies with the goal of developing approaches to understanding past hunting and gathering societies.

**ASM 342 Human Biological Variation (4) (SG)**

Evolutionary interpretations of biological variation in living human populations, with emphasis on anthropological genetics and adaptation. Nutrition and disease and their relation to genetics and behavior. 3 hours lecture, 3 hours lab. **Prerequisites:** ASM 104 and MAT 106 (or equivalent) or instructor approval.

**ASM 345 Disease and Human Evolution (3) (recommended)**

Interaction of people and pathogens from prehistoric times to the present, with emphasis on disease as an agent of genetic selection. **Prerequisite:** ASM 104 or instructor approval.

**ASM 348 Social Issues in Human Genetics (3) (SB)**

Moral and social implications of developments in genetic science, particularly as they affect reproduction, medicine, and evolution.

**ASM 452 Dental Anthropology (4) (SG)**

Human and primate dental morphology, growth, evolution, and genetics. Within- and between-group variation. Dental pathology and behavioral-cultural-dietary factors. 3 hours lecture, 3 hours lab. **Prerequisite:** instructor approval.

## Study abroad

Students are encouraged to do two study abroad programs, but a minimum of one approved program is required. Each student will work with the Undergraduate Advisor to select at least one formal study abroad experience within their degree program that works with their interests and plans for their capstone project. We offer a range of options for students that are designed to enhance and expand on-campus learning and opportunities for our majors. The goal of this required study abroad experience is to build students' range of skills in relation to global health through first hand experiences that are managed by ASU faculty. These experiences include exposure to health challenges and health systems – past and present - in other countries, and most also integrate students to faculty research in non-US settings, and emphasize teamwork and collaborative skills.

We expect students to elect ASU-lead programs not only because they are integrated to the degree learning, but because an important aspect of the experience is the opportunity to develop closer relationships with ASU global health faculty, graduate students, and other students in the major, given how important these networks are as students plan to enter graduate school or careers.

Students **must choose** at least one of the programs listed in this book. Programs taken prior to entry to the major or programs other than our core programs (e.g., Australia, London, New Zealand & Fiji, Ecuador) will not fulfill this requirement. Independent travel, even if enrolled as independent study with ASU faculty, also cannot substitute this requirement. However, we do strongly encourage students to pursue additional study abroad and travel experiences as they can, and will work with students to help them gain degree credit for these. For students with compelling, documented reasons why they cannot travel, alternative arrangements may be made by working with the Undergraduate Advisor. If you are concerned with the financial cost of study abroad please speak with the advisor about how to apply for financial aid.

## Practicum

The goal of the practicum experience is for students to have first hand experience of tackling health issues or questions in the real world. These can take a range of forms (excavation, service learning, supervised research), and are expected to be in a form that expands the students' skill set (i.e., is something with which the student does not have much if any prior experience). Most will be completed in the Phoenix or immediate Arizona area. However, students may find other opportunities outside of Arizona and/or the U.S. and are encouraged to pursue these more individualized practica.

We particularly encourage students to conduct their practicum in low-resource settings, or those very culturally different from their own; we also strongly encourage students to articulate their activities with ongoing faculty research. To be beneficial, practica require sustained faculty supervision; thus independent activities not conducted as part of a supervised course do not qualify. Generally, practica should last at least one semester for at least 10 hours a week; or be conducted as part of a full-time multi-week experience in the summer (e.g., Kampsville).

To meet this requirement, students must have a global health faculty supervising them, and provide a post-completion report to the advisor for their degree file on activities undertaken and benefits gained in addition to any required coursework. Activities taken prior to entry to the major or not cleared with the advisor before participation cannot be counted as completing the requirement.

## **Capstone Seminar**

The goal of the capstone is to demonstrate through an independent project the skills and knowledge the student has gained in the degree program, including levels of professionalism, and to make final preparations for life after graduation (e.g., preparing for graduate school, career). Because students will be required to develop and execute an independent project by the end of the capstone, ***planning ahead is essential***. We expect students to be ready to fully participate in the course by having developed a track record of working on faculty research projects in prior semesters, building on their practicum and study abroad experiences, and through independent study supervised by faculty through-out their degree programs.

The final project can take any form, but should identify and address some global health challenge. For example, it might be a web-based health education campaign, or it could be more traditional forms of student-lead-research. In the capstone the student will also work on their resume, identifying career opportunities, and network with other students.

## **Research**

While not a formal degree requirement, majors are strongly encouraged to begin supervised research experience as early as possible in their degrees. This helps students develop specific skills and networks that are important once the student reaches the capstone seminar. At the time of the capstone, students must have an independent project already in mind or underway.

Research experiences are normally credited as SSH 499: Individualized Instruction, where a student works with a professor. A good way to begin is to offer to work with faculty on an existing research project in order to build research skills and to help the student develop ideas for an independent research project. Students can take SSH 499 multiple times (up to 9 credit hours) which can be applied to the 39 credit hours required for the degree.

## **Health Professions**

Students pursuing admission to professional schools in the health professions must choose a major offered by ASU. However, specific courses must be taken to prepare the student to take the MCAT or other entrance examinations and to succeed in post baccalaureate training. Therefore, students who plan to pursue a health profession should meet regularly with the Health Professions staff for guidance. While this guidance does not replace the need to meet with an advisor in the department of the student's major, health professions advising is a necessary supplement.

To schedule a meeting with Health Professions, located in FULTN 110, call 480-965-2365. You may also visit their webpage at: <http://prehealth.asu.edu>.