# GCH Public Health and Community Concentration BS

Course offerings are subject to change.

## Lower Division Courses

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
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<tbody>
<tr>
<td>GCH</td>
<td>GCH 1: Foundations for Global and Community Health</td>
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<tr>
<td>Calculus</td>
<td>MATH 11A (FWS) or MATH 19A (FWS) &amp; MATH 11B (FWS) or MATH 19B (FWS)</td>
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<tr>
<td>General Chem</td>
<td>CHEM 3A: General Chemistry (FW) &amp; CHEM 3B&amp;3BL: General Chemistry (WS) &amp; CHEM 3C&amp;3CL: General Chemistry (FS)</td>
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<tr>
<td>Biology</td>
<td>BIOL 20A: Cell and Molecular Bio (FWS) &amp; BIDE 20B: Development and Physiology (FWS) &amp; BIOL 20L: Experimental Bio Lab (FWS)</td>
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<tr>
<td>Microbiol and Environmental Toxicology</td>
<td>METX 41: Physiology of Disease</td>
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<td></td>
<td>CHEM 8L: Organic Chem Lab (FW)</td>
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<tr>
<td>Statistics</td>
<td>STAT 7: Stats for the Biological, Environmental, and Health Sciences &amp; (FWS)</td>
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<td>STAT 7L: Stats Lab (FWS)</td>
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After passing the above qualification courses shaded green with a C or better, you can submit a Petition to Declare. All qualification courses must be completed by the end of the 5th quarter and students must petition to declare by the 6th quarter deadline.

Declared

## Lower-Division Breadth Requirement (Choose One)

- ANTH 2: Introduction to Cultural Anthropology
- BIOL 80A: Female Physiology and Gynecology
- BIOL 80B: Biology of Emerging and Pandemic Diseases
- CLNI 30/JRLC 30: H|ACER Undergraduate Community Internship
- CLNI 60: Water Justice: Global Insights for a Critical Resource
- CMMU 10: Introduction to Community Activism
- CSE 80A: Universal Access: Disability, Technology, and Society
- ENVS 25: Environmental Policy and Economics
- ENVS 80F: Introduction to Agroecology and Sustainable Food Systems
- FMST 10: Feminisms of/and the Global South
- FMST 30: Feminism and Science
- FMST 31: Disability Studies
- FMST 41: Trans Gender Bodies
- HIS 81: Science in the Colonial World
- LALS 55: AIDS Across the Americas
- LIT 80K: Topics in Medical Humanities
- POLI 17: U.S. and the World Economy
- POLI 20: American Politics
- POLI 61: Politics of Social Policy
- PSYC 1: Introduction to Psychology
- SOCY 1: Introduction to Sociology
- SAS2V: Feeding the World (UCD)
- SOCY 10: Issues and Problems in American Society
- SOCY 15: World Society
- SPAN 3: First-Year Spanish
- SPAN 4: Second-Year Spanish
- SPAN 5M: Medical Spanish
- VME 57V: Global Pop Health & Env (UCD)

## Upper Division CORE COURSES (Compete all):

- BIOL 100: Biochemistry (WS)
- BIOL 113: Principles of Epidemiology
- CMMU 165: Community Analysis for Global Health
- METX 115 - Environmental Health Science
- GCH 190: Global and Community Health Task Force (W)
- GCH 195: Global and Community Health Communication (FWS)
## Upper Division STEM Elective (Choose one)

- [ ] BIOE 118: Plands and Society: The Biology of Food, Shelter, and Medicine
- [ ] BIOL 101: Molecular Biology
- [ ] BIOL 105: Genetics
- [ ] BIOL 117: Global Health and Neglected Diseases
- [ ] CHEM 109: Intermediate Organic Chemistry and Applications to Biology
- [ ] CHEM 169: Chemistry and Biology of Drug Design and Discovery
- [ ] CHEM 171: Chemical Biology
- [ ] METX 100: Introduction to Microbiology
- [ ] METX 102: Cell and Molecular Toxicology
- [ ] METX 133: Medical Microbiology
- [ ] METX 135: Functional Anatomy*
- [ ] METX 135L: Functional Anatomy Lab

* Enrollment in METX 135 requires concurrent enrollment in METX 135L

## Upper Division Non-STEM Electives (Choose two)

- [ ] ANTH 110E: Anthropology of Global Environmental Change
- [ ] ANTH 110F: Evolution of Human Diet
- [ ] ANTH 110T: Motherhood in American Culture
- [ ] ANTH 110Y: Feeding California
- [ ] ANTH 111: Human Ecology
- [ ] ANTH 112: Life Cycles
- [ ] ANTH 129: Beyond Borders: Other Globalizations and Histories of Interconnection
- [ ] ANTH 134: Medical Anthropology: An Introduction
- [ ] ANTH 136: The Biology of Everyday Life
- [ ] ANTH 144: Anthropology of Poverty and Welfare
- [ ] ANTH 146: Anthropology and the Environment
- [ ] ANTH 148/FMST 148: Gender and Global Development
- [ ] ANTH 160: Reproductive and Population Politics
- [ ] ANTH 161: The Anthropology of Food
- [ ] ANTH 161S: Anthropology of Food, Abroad
- [ ] ANTH 162: Anthropology of Displaced Persons
- [ ] BIOL 188: A Life in Medicine
- [ ] CMMU 156: Politics of Food and Health
- [ ] CMMU 160: Public Health
- [ ] CMMU 161: Gender Health and Justice
- [ ] CMMU 162: Community Gardens and Social Change
- [ ] CMMU 163: Health Care Inequalities
- [ ] CMMU 164: Health Justice in Conflict
- [ ] DANM 136: Mapmaking for Environmental Activism
- [ ] FMST 124: Technology, Science, and Race Across the Americas
- [ ] FMST 125: Race, Sex, and Technology
- [ ] HIS 101D: World History of Science
- [ ] HIS 101F: Global Environmental History
- [ ] HIS 139C: Queer Pasts: A Radical Telling of LGBTQ History in the United States
- [ ] HIS 151: History of Science, Medicine, and Technology from Antiquity to the Enlightenment
- [ ] HIS 151A: Medicine and the Body in the Colonial World
- [ ] HIS 151B: Drugs in World History
- [ ] HIS 177A: Slaves, Soldiers, and Scientists: History of the Tropics
- [ ] LALS 175: Migration, Gender, and Health
- [ ] LALS 194X: Extractivism and Socio-Environmental Conflicts in the Americas
- [ ] LGST 10B: Gender, Sexuality, and Law
- [ ] LGST 135: Native Peoples Law
- [ ] LGST 137: International Environmental Law and Policy
- [ ] LGST 173/POLI 173: Disability, Law, & Politics
- [ ] POLI 102: Doing Research
- [ ] POLI 120B/LGST 120B: Society and Democracy in American Political Development
- [ ] POLI 120C/LGST 120C: State and Capitalism in American Political Development
- [ ] POLI 121A/LGST 121: Racism & Justice in America
- [ ] POLI 160B/LGST 160B: International Law
- [ ] POLI 166: Politics of Migration
- [ ] POLI 175/LGST 175: Human Rights
- [ ] POLI 182/LGST 182: The Power to Punish
- [ ] POLI 186/LGST 186: Global Health Politics
- [ ] POLI 187: Decolonial Global Health: A View from the Middle East and Africa
- [ ] POLI 189: Pandemics, Politics, and Global and Community Health
- [ ] SOCY 121: Sociology of Health and Medicine
<table>
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<tr>
<th><strong>INTERNSHIP/COMPREHENSIVE REQUIREMENT</strong></th>
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<tr>
<td><strong>SOCY 189: Health Sciences Internship</strong></td>
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*Please note you must apply for the internship*

**DISCIPLINARY COMMUNICATION REQUIREMENT**

| **GCH 190: Global and Community Health Task Force** |
| **GCH 195: Global and Community Health Communication** |

Please refer to your 2022-23 UCSC General Catalog for more information or clarification