COURSE INFO

COLLEGE OF HEALTH

LEHIGH UNIVERSITY

# College of Health
Class of 2029

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# Course Registration Guide
Fall 2025

LEHIGH UNIVERSITY | College of Health

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# Welcome from the Dean

LEHIGH UNIVERSITY | College of Health

Elizabeth A. Dolan, PhD
Dean

Dear College of Health Class of 2029,

I am delighted to welcome you to the College of Health at Lehigh University.

Congratulations on your acceptance into the College!

Do you want to play a role in researching and improving health outcomes, impacting global and domestic health policy, or developing entrepreneurial technologies for preventing and treating chronic illness? All of these are possibilities for your future now that you've chosen the College of Health. For those interested in careers in medicine, dentistry, or veterinary medicine, completing a degree in the College of Health will give you a unique perspective and a strong skill set that will set you apart from other applicants to these professional programs.

You were accepted into the College of Health because we are inspired by your desire to make a difference in the world's health and impressed by your qualifications. We are confident that you will excel in any of our majors: BS in Population Health, BA in Community & Global Health, BA in Health, Medicine & Society, and BS in Biostatistics & Health Data Science. Our programs address the multiple determinants of health, and each involves unique perspectives, such as data analytics, epidemiology, development of health interventions, and more. We are also excited to offer minor programs, which you can read more about on our website.

Please sign up to join us in June and July for virtual advising sessions designed to introduce you to your life as a COH student. In these sessions, you'll hear about the different classes in COH, meet some of our advisors, and learn how to register for classes.

We **really** look forward to getting to know you better in the Fall.

Welcome!

Warmly,

# Advising and Student Support

## Advising Structure

All students receive academic advising from **professional advisors** who guide students on building their schedules, answering curriculum-related questions, and providing support in acclimating to college life. Students will be assigned to a specific advisor, but the advisors act as a team, providing you with a greater support system. They can reach advisors by email, virtual meetings and in-person meetings.

Students are also assigned a **faculty mentor** who will develop and maintain a professional relationship with their mentees to encourage and support students as they pursue their academic and career goals. All questions about the support the COH provides should be directed to cohadvising@lehigh.edu.

## Summer Advising Timeline

- June
  - Check your Lehigh email weekly for important information
  - Participate in a virtual group advising session
- July
  - Schedule time to meet with your advisor to go over any remaining questions you have about courses.
  - Register for fall semester classes
- August
  - Arrive to Lehigh!
  - Meet the COH team at orientation!

Throughout the summer, students will receive a series of correspondences from various campus departments aimed at helping them prepare for their first semester at Lehigh**. Students should be using and checking their Lehigh email for these communications,** especially those that come from cohadvising@lehigh.edu.

**First year students are required to attend a virtual group advising session.** At these sessions students will learn more about majors, course planning, and registration. Students should register for one or attend them all! If students are not able to attend, please email cohadvising@lehigh.edu.

In July, students can meet 1:1 with your COH advisor to go over any remaining questions they have before registration. More information about scheduling these meetings will be shared during group advising sessions and via email.

## Health Professions Advising

Lehigh does not offer a major in pre-med (what Lehigh calls "pre-health" to include all clinical health professions) but does support students who plan to pursue graduate-level work in health-related disciplines. Students interested in pursuing a clinical pathway can major in any discipline and will be provided with a suggested course sequencing so that they can complete both their pre-health prerequisites and major requirements in time to graduate within four years.

If you are interested in self-declaring as "pre-health," complete this survey. Results of this survey will be sent to the pre-health advisors, Aislinn Strohecker and Autumn Zaborowski in the Center for Career and Professional Development who will enroll you in the **Pre-Health Advising Course Site**, an online tool that provides up-to-date information and resources. You may self-declare as pre-health at any point in your Lehigh career or schedule a meeting with the pre-health advisors in Handshake to explore this option.

# Other Sources of Support

## Dean of Students Office

Under the umbrella of our Dean of Students Office, students can seek additional academic support. The Center for Academic Success provides one-on-one, group, and peer-led tutoring; the Writing and Math Center provides focused feedback and training for courses that rely heavily on writing and math skills; and Disability Support Services works closely with students who self-identify in order to ensure equal access to University programs, activities, and services.

## Diversity, Inclusion, & Equity

The Office of Diversity, Inclusion, and Equity coordinates with all University assets, including students, staff, senior administrators, deans, department heads, trustees, and local community leaders and groups. The division is comprised of advocacy centers: the Gender, Leadership and Empowerment Center, Center for Cultural Engagement, the Pride Center, the Chaplain's Office, and Student Access and Success.

## Mentor Collective

The Mentor Collective at Lehigh University aims to provide peer-led support by upperclassmen to students navigating their first year on campus. Students will be contacted via email with an opportunity to opt into this program and be assigned a Peer Mentor. However, please note that students are not automatically enrolled in the Mentor Collective. If they wish to take advantage of this program, they will be paired with a Peer Mentor based on common interests, background, and academic pursuits. Students should expect to meet at least once a month with their mentor to discuss a variety of topics regarding preparing for and navigating life at Lehigh.

# The College of Health Team

The faculty, staff, and leadership of the College of Health are a student's support system throughout their time at Lehigh. For a list of personnel and their contact information, click the links below.

- College Leadership
- Staff
- Faculty

# Academics

## Course Catalog

The course catalog serves as a guide to program requirements and university rules and policies as they relate to your undergraduate education. The course catalog is updated in August and is available online at the Lehigh Course Catalog.

## Degree programs

Students entering the College of Health will come in as **undeclared**. Your declared major will determine if you earn a Bachelor of Science or a Bachelor of Arts and we encourage you to explore College of Health courses in various disciplines before committing to a major. Students are strongly encouraged to declare their major of choice at the end of their first year to ensure they are on-track to graduate within four years and to ensure availability of courses.

### Bachelor of Science: Biostatistics & Health Data Science (NEW)

The Biostatistics & Health Data Science major draws on many disciplines, including mathematics, statistics, computing, and epidemiology, and frames these to the singular applied objective of advancing public health. It spans hypothesis generation, study design, data collection, data storage, data processing, analytic methods development, application and interpretation of analyses, dissemination, and translation. It emphasizes rigor, reproducibility, effective communication, and ethical practices. The major is intended for students interested in health, healthcare, and health policy from a data-focused perspective, or students seeking to acquire analytic, computational, and data skills within the context of human health.

### Bachelor of Arts: Community and Global Health

The major in Community and Global Health emphasizes conceptual, methodological, and analytical approaches to implementing health services, interventions, and programs in communities. Students study determinants of health, including social, biological, environmental, political, and economic, and learn to intervene to improve health based on these determinants. The program emphasizes qualitative research methods, as well as mixed method approaches that combine qualitative with quantitative methods, underscoring the importance of cultural understanding in health. Grounded in interdisciplinarity, this degree prepares students to improve global and domestic health outcomes.

### Bachelor of Arts: Health, Medicine, and Society (NEW)

The Health, Medicine, and Society major is jointly administered by the College of Arts and Sciences and the College of Health. The challenge of meeting the increasingly complex health needs of growing and aging populations is moving to the forefront of national and international concerns in the 21st century. The Interdisciplinary Health, Medicine, and Society Major focuses on the social scientific, humanistic, and applied community-engaged dimensions of health and medical care to develop an understanding of how health, illness, and medical care impact individuals, families, cultures, and societies. The joint major is intended to serve students who wish to be involved in some aspect of the healthcare industry, health policy, or public health and also students who are interested in communications, the pharmaceutical industry, law, business, agency work, and other careers where understanding health care is essential. This major, which has a maximum of 36 total credits requires students to declare a second major, usually another B.A. within the College of Health.

### Bachelor of Science: Population Health

The major in Population Health prepares students to investigate the determinants of health using data science and to identify novel and effective avenues for disease prevention, health promotion, diagnosis,

and intervention. Students gain knowledge and skills through coursework, experiential learning opportunities, research projects, and engagement with traditional and nontraditional partners in pursuit of a healthier world. The BS provides students with a strong conceptual background in Population Health and extensive methodological expertise in data science and epidemiology.

## Advanced Placement and International Baccalaureate

The university offers capable students who have superior preparation an opportunity for advanced placement and/or college credit. Many secondary schools, in association with the College Board, offer college-level work. Students participating in these courses should sit for the Advanced Placement Tests offered by the College Board. Entering first-year students that request the College Board to send their Advanced Placement Test scores to Lehigh are considered for advanced placement. You must have your scores submitted directly to Lehigh (code 002365).

Students who earn the International Baccalaureate may be granted credit in higher-level or advanced subjects with scores of 5 or better. All students will have their credentials evaluated on an individual basis for specific course equivalency. Lehigh's Registration & Academic Services Office must receive the Official IB transcript before credit will be assigned.

Additional information about Advanced Placement and International Baccalaureate can be found on the First-Year Student Enrollment site.

## Transfer Credit

If you have taken college courses at another accredited institution and plan to transfer these credits to Lehigh, you must submit a request to Registration and Academic Services. Refer to the transfer student web page on the lehigh.edu/admissions/transfer-students for additional information.

## College Distribution Requirements

Distribution requirements are basic subject requirements that must be met regardless of a student's major and are specific to each college. **All students** in the College of Health must meet the requirements below prior to graduation.

**Double Counting.** Students can double-count a writing-intensive distribution requirement with *one additional* distribution requirement; however, they cannot double count across other distribution categories. Allowances for double counting distribution courses with major electives are determined by the selected major. Questions about these policies should be directed to the academic advising team.

| **First-year Seminar (1 course)** |
|---|
| HLTH 090: The Value of a Degree in Health |
| **Science Writing (4 courses)** |
| WRT 001 or ENGL 003 Critical reading and composition |
| WRT 002 or ENGL 005 Research and argument |
| *Two upper-level Health Science Writing courses from list below, or in consultation with an advisor*<br>CGH 313 Health Policy & Politics<br>CGH 317 Sex, Drugs, & Trauma<br>CGH 319 Public Health Law<br>CGH 315 Medical Mysteries<br>CGH 316 Global Environmental Disasters & Policy<br>CGH 314 Advanced Commercial Determinants of Health<br>CGH 322 Contemporary Indigenous Health<br>CGH 332 Aging, Health and Social Policy<br>CGH 334 Cross-National Comparisons of Health Systems & Policy<br>EPI 310 Environmental Epidemiology & Exposure Science<br>POPH 316 Global Sexual & Reproductive Health, Rights, & Justice |
| **Determinants of health (2 courses)** |
| CGH 103 Biological & Environmental Determinants of Health |
| CGH 104 Sociocultural & Political Determinants of Health |
| CGH 105 Commercial Determinants of Health |
| **Bioethics (1 course)** |
| POPH 003 Justice, Equity, & Ethics in Population Health |
| POPH 319 Population Health Bioethics |
| **Diversity, Equity & Inclusion (1 course)** |
| CGH 002 Introduction to LGBTQ2+ Health |
| CGH 021 Culture and Health |
| CGH 022 Global Perspectives on Health |
| CGH 122 Indigenous Healing Traditions |
| CGH 311 Religion, Spirituality, and Health |
| CGH 312 Curses, Possessions, and Supernatural Illnesses |
| CGH 318 Sexuality Education |
| CGH 322 Contemporary Indigenous Health |
| **Sustainability (1 course)** |
| CGH 102 Community Health & Engineering |
| CGH 108 Food Justice |
| POPH 106 Global Environment & Human Welfare |
| CGH 316 Global Environmental Disasters & Policy |
| POPH 317 Urban Greenspace & Health |

# Major Requirements

## BS in Biostatistics & Health Data Science (75 credits)

| |
|---|
| **Core Requirements (12 courses)** |
| **Programming** |
| BSTA 030 Data Exploration in R |
| BSTA 040 Data Exploration in Python |
| **Statistics** |
| BSTA 132 Health Data Science 1: Inference |
| BSTA 133 Health Data Science 2: Regression |
| **AI** |
| BSTA 141 Health Data Science 3: Supervised Machine Learning in Health |
| BSTA 142 Health Data Science 4: Unsupervised Machine Learning in Health |
| **Health** |
| POPH 001 Introduction to Population & Public Health |
| POPH 002 Population Health Research Methods & Application |
| EPI 104 Fundamentals of Epidemiology |
| EPI 305 Intermediate Epidemiology |
| **Electives (6-8 courses)**<br>*24 credits from 3 clusters, at least one from each cluster and a minimum of 6 credits of which are from Data or Methods. Elective courses may count towards college distribution requirements.* |
| **Society Cluster** |
| POPH 003 Justice, Equity, and Ethics in Population Health |
| BSTA 007 Frontiers of AI in Health |
| BSTA 008 The Art of AI Conversation: Prompting GPT & Its Peers |
| CGH 103 Biological & Environmental Determinants of Health |
| CGH 104 Sociocultural & Political Determinants of Health |
| CGH 105 Commercial Determinants of Health |
| CGH 313 Health Policy & Politics |
| CGH 332 Aging, Health, & Social Policy |
| **Data Cluster-*all courses have a prerequisite completion of AI Core*** |
| BSTA 372 Analyzing Electronic Health Record Data |
| BSTA 373 Analyzing Clinical Natural Language Data |
| BSTA 374 Analyzing Health GIS Data |
| BSTA 375 Analyzing Health Sensor Data |
| BSTA 376 Deep Learning for Healthcare |
| **Methods Cluster** |
| BSTA 381 Analysis of Dependent Data |
| BSTA 383 Survival Analysis |
| BSTA 384 Network Analysis |
| BSTA 309 Outbreak Science & Public Health Forecasting |
| BSTA 386 Analyzing Data in SAS |
| BSTA 387 Analyzing Data in SAS |
| **Portfolio Project-concurrent with Data/Methods electives** |
| BSTA 399 Portfolio Project |
| **Math & Computer Science Distribution (4 courses)** |
| MATH 051 Survey of Calculus I |
| MATH 052 Survey of Calculus II |
| MATH 043 Survey of Linear Algebra |
| CSE 012 Introduction to Programming in Python |

## BA Community and Global Health Major Requirements (57–70 credits)

| **Core courses (6 courses: 2 determinants overlap with distribution requirements)** |
|---|
| CGH 001 Community Health |
| CGH 004 Introduction to Global Health |
| CGH 101 Careers in Community & Global Health |
| CGH 103 Biological & Environmental Determinants of Health |
| CGH 104 Sociocultural & Political Determinants of Health |
| CGH 105 Commercial Determinants of Health |
| **Field Experience or Practicum (2 courses)** |
| CGH 301 Community and Global Health Field Experience I *or*<br>CGH 303 Honors Community and Global Health Field Experience I |
| CGH 302 Community and Global Health Field Experience II *or*<br>CGH 304 Honors Community and Global Health Field Experience II |
| **Methods requirement (3 courses)**<br>*One qualitative course, one quantitative course and one course of either at the 300-level* |
| BSTA 005 Statistical Literacy in Health |
| BSTA 101 & 102 Population Health Data Science I & Algorithms Lab |
| BSTA 103 & 104 Population Health Data Science II & Algorithms Lab |
| CGH 106 Qualitative Methods in Health Research |
| CGH 305 Adv. Qualitative Methods in Community & Global Health |
| CGH 308 Community Health Intervention Design |
| EPI 104 Fundamentals of Epidemiology |
| EPI 305 Intermediate Epidemiology |
| CGH 375 Community Based Participatory Research |
| **Cross-cultural or diversity (3 courses)**<br>*A minimum of 3 classes and 9 credits from the list below or chosen in consultation with an advisor.* |
| CGH 002 Introduction to LGBTQ2+ Health |
| CGH 021 Culture and Health |
| CGH 022 Global Perspectives on Health |
| CGH 122 Indigenous Healing Traditions |
| CGH 311 Religion, Spirituality, and Health |
| CGH 322 Contemporary Indigenous Health |
| ANTH 155 Medical Anthropology |
| **College of Health Electives (5 courses)**<br>*5 courses and a minimum of 15 credits in consultation with an advisor; must have an applied health focus* |
| **Collateral Requirement (2 courses)**<br>*Two semesters of language study other that in English but in the same language* |

## Health, Medicine & Society (30-36 credits)

| In addition to the 30-36 required credits, all HMS majors are required to have a second major. |
|---|
| **Core Requirements** |
| **Health Humanities (1 course)** |
| HMS 170 Medical & Health Humanities<br>*or* HMS 116 Bioethics |
| **Behavior, Culture, & Society (1 course)** |
| HMS 130 Introduction to Health Psychology<br>*or* HMS160 Medicine and Society |
| **Public Health (1 course)** |
| POPH 001 Introduction to Population and Public Health<br>*or* CGH 001 Community Health<br>*or* CGH 004 Introduction to Global Health |
| **Health Research Methods (1 course)** |
| POPH 002 Population Health Research Methods & Application<br>*or* BSTA 101 Population Health Data Science I<br>*or* BSTA 005 Statistical Literacy in Health<br>*or* CGH 106 Qualitative Methods in Health Research |
| **Concentrations (3 courses)**<br>*Students must take a minimum of 3 courses outside of the core requirements in one of the following concentrations:* Health Humanities; Behavior, Culture, & Society; or Public Health |
| **Elective requirements (2 courses)**<br>*Take any 2 additional HMS courses (at least one of which must be outside of the selected concentration)* |

## Population Health Major Requirements (60-68 credits)

| **Core courses (5 courses)** |
|---|
| POPH 001 Introduction to Population Health |
| POPH 002 Population Health Research Methods & Application |
| POPH 104 Careers in Population Health |
| EPI 104 Fundamentals of Epidemiology |
| EPI 305 Intermediate Epidemiology |
| CGH 307 Health Survey Research Methods |
| **Data science requirements (4 courses + 2 labs)** |
| BSTA 101 Population Health Data Science I & BSTA 102 Algorithms Lab 1 |
| BSTA 103 Population Health Data Science II & BSTA 104 Algorithms Lab 2 |
| **One additional upper-level methods courses chosen with advisor** |
| **Determinants of Health (2 courses-overlap with distribution requirements)** |
| CGH 103 Biological & Environmental Determinants of Health<br>CGH 104 Sociocultural & Political Determinants of Health<br>CGH 105 Commercial Determinants of Health |
| **College of Health Electives (7 courses)**<br>7 courses and a minimum of 21 credits in consultation with an advisor; must have an applied health focus, 9 credits must be at the 300-level |

## Free Electives

Your college experience should include time for you to explore. We encourage you to use your time at Lehigh to take courses in Lehigh's other undergraduate colleges, pursue a minor, and/or study abroad. In order to complete your degree, you must complete at least 120 credits, which includes major credits. The difference of credits between the number of courses required for your selected major and 120 may be filled with electives. When searching for possible elective courses during your first-year, remember to look at those numbered **below 100** unless otherwise noted.

## Course Registration

### Registration Overview

- **It is your responsibility to register for your fall semester classes.** Your summer interactions with the College of Health staff prepare you for this process.
- You **must** register for a minimum of 12 credits to be a full-time student, while the maximum number of credits you may take in your first semester is 17.
- A typical course load is about 15 credits.
- Generally speaking, **you may only register for 0-level courses** unless given permission by a department or professor.
- The Registrar's Office will email you in June to let you know the day and time in July when registration opens for you. It is very important that you complete your course registration process during the assigned dates since classes have limited seating. Use the instructions in this manual to ensure you are prepared for that process!
- Should you need any additional information on the registration process, the Registrar's Office has a website for first-year students that includes step-by-step videos and Frequently Asked Questions.

### First Semester Course Planning

Your first semester should be a time for exploring. If you have an intended major in mind, you may start taking introductory courses required for that major. If you are uncertain of your major, then you are encouraged to take introductory courses that are of interest to you. Students who intend to enter a clinical post-graduate program immediately after completing their undergraduate degree may opt to delay taking COH major classes until their second year and instead begin with pre-health courses recommended for MCATs.

AP credit will be posted by the Office of the Registrar in early July. Be sure to check to see credits have transferred (and what hasn't) before registering for classes. **If you've read this far**, let us know what your favorite food is by emailing cohadvising@lehigh.edu to be eligible for a prize drawing!

### English Writing Requirement

All College of Health students must earn credit for two courses (6 credits total) in First Year Writing. Students with no transfer credit or insufficient achievement test scores will start with WRT 001 or ENGL 003 (3 credits), the first English course.

Students who demonstrate required proficiency on either of the English AP exams (English Language & Composition OR English Literature & Composition) with a score of 4 will receive 3 credits for WRT 001,

which fulfills the first of the two required First-Year Writing courses. These students may enroll in either another major requirement open or an elective open to first-year students.

WRT 002 or ENGL 005 will be offered in the spring 2025 semester, with some sections focused on health, which students can opt for. Students who receive a score of 5 on the AP exam will receive 6 credits for WRT 001 or ENGL 003 *and* WRT 002 or ENGL 005.

## Math Recommendation

Calculus is only a required course for the biostatistics and health data science major, but it is recommended for students who plan to declare a BS in population health and for students on the pre-health track. The Mathematics Department uses a Calculus placement tool, ALEKS, from McGraw-Hill. ***Every student who intends to take a Calculus class at Lehigh must first use the ALEKS system for placement.***

ALEKS is an evaluation that provides a second recommendation for your Calculus course based on your results. ALEKS does not give credit like an AP exam. Instead, its purpose is to make sure students are ready for calculus. It will also indicate the topics and areas you can improve and provides modules to work through to prepare you for the fall semester. After completing the suggested modules, you can test again and improve your placement recommendation. More details about ALEKS will come in time for registration.

## Fall Course Offerings

The following courses are open to first-year students (they can also be found online here). Some are core or distribution classes for the BA or BS programs, and others are electives. Questions about a specific course can be sent to cohadvising@lehigh.edu.

Students are encouraged to take courses outside the college and will need to 1) if they plan to take pre-health courses and 2) complete the first-year writing (WRT) distribution requirements. Some classes will have a lecture and a lab or a recitation. Recitations are smaller subsets of the larger lecture designed to provide time for small-group discussion and problem-solving. Details about how to search for these courses are in the following section.

### BSTA 005| Statistical Literacy | 3 cr.

**Section 010| MW 10:45-12:00| CRN: 43823**

This course is designed to introduce students who fear all things mathematical to the importance of statistics in health research. Students will learn how to read and understand basic statistical concepts used in health research and popular discussions about health in the media. Students will also learn how to present statistical health data in a way that people without a statistical background can understand it.

***Instructor: Dr. Hsuan-Wei Lee***

- *BA Community & Global Health-method requirement option*
- *BA Health, Medicine, & Society -health research methods requirement option*
- *BS Population Health-elective*

### BSTA 007| Frontiers of AI in Health | 3 cr.

**Section 010 | MW 1:35-2:50 | CRN: 44742**

This course presents a broad contemporary survey of the actual and potential contributions of Artificial Intelligence and Health Data Science in addressing public health challenges. By reading recent articles that describe case studies of AI in health and healthcare and by engaging in discussions both in class and remote, students will come to appreciate the many unsolved problems in public health and how one may evaluate the potential benefits and risks of exciting new data-centric solutions made possible by AI.

***Instructor: Dr. Gideon Gogovi***

- *BS Biostatistics & Health Data Science-Society Cluster requirement option*
- *BA Community & Global Health-elective*
- *BS Population Health-elective*

BSTA 008| The Art of AI Conversation: Prompting GPT & Its Peers | 3 cr.

**Section 010 | MW 12:10-1:35 | CRN: 45754**

This introductory course explores Large Language Models (LLMs) like ChatGPT and Claude, emphasizing effective prompt engineering and critical evaluation of AI-generated content. Students will learn how to formulate queries, assess outputs, and refine prompts while addressing ethical and domain-specific challenges. Using health-related examples, the focus is on general, cross-disciplinary interactive AI methods, not computer science or software development. Students will learn to use AI dialogue systems responsibly and creatively, with an understanding of the tradeoffs of various prompting techniques.

***Instructor: Dr. Bilal Khan***

- *BS Biostatistics & Health Data Science-Society cluster requirement option*
- *BA Community & Global Health-elective*
- *BS Population Health-elective*

CGH 001 | Community Health | 3 cr.

**Section 010 | TR 10:45-12:00 | CRN: 43481**

The interdisciplinary field of community health focuses on improving the health of communities through health promotion and disease prevention, education, policy development, and community empowerment. This course provides students with an overview of theoretical, methodological, and practical aspects of community health, focusing on working in diverse communities. Students will gain an understanding of how community-level health issues relate to broader contextual issues within the community and externally.

**Instructor: Dr. Kate Jackson**

- *BA Community & Global Health-requirement*
- *BA Health, Medicine, & Society -public health requirement option*
- *BS Population Health-elective*

CGH 002 | Introduction to LGBTQ2+ Health | 3cr.

**Section 010 | TR 9:20-10:35 | CRN: 44993**

This course introduces students to the health of lesbian, gay, bisexual, transgender, queer/questioning, and two-spirited (LGBTQ2+) populations in the United States and globally. Using an interdisciplinary approach, the course focuses on determinants of health, LGBTQ2+ health disparities, the history of LGBTQ2+ health, and major health issues faced by LGBTQ2+ people across the lifespan. Students explore individual, interpersonal, organizational, community, and policy influences on LGBTQ2+ health, as well as LGBTQ2+ affirming health policies, programs, and services.

***Instructor: Professor TBD***

- *BA Community & Global Health-elective*
- *BS Population Health-elective*

CGH 004 | Introduction to Global Health | 3 cr.

**Section 011 | MW 3:00-4:15 | CRN: 45304**

In this course, students will receive an introduction to global population health. We begin by analyzing the rise of the international community in addressing population health needs and the international norms guiding healthcare delivery systems. We will also focus on healthcare delivery systems, innovations, and policy reforms in response to healthcare needs in several developing nations. Finally, students will understand the political, social, and more recent commercial determinants of population

health in these countries.
**Instructor: Dr. Krista Liguori**

- *BA Community & Global Health-requirement*
- *BA Health, Medicine, & Society -public health requirement option*
- *BS Population Health-elective*

### HLTH 090 | First Year Seminar

Select one:
**Section 010 | TR 755-910 | CRN: 45656**
**Section 011 | TR 755-910 | CRN: 45657**
**Section 012 | TR 755-910 | CRN: 45658**
What is the purpose of a university education? What are the benefits of studying community and population health? How should you approach your time at Lehigh University? Throughout the semester we will provide opportunities for you to reflect on these questions and invite you to think about what you plan or hope to do in your four years here. You will learn about your major, get to know your peers and the college, and develop the skills you need to be successful at Lehigh and beyond. You will also participate in co-curricular activities that will help you become an active member of the college and university communities. You will explore your educational and career goals. The seminar will also connect you with the many resources available at Lehigh, including the university libraries, the writing center, and the Center for Career and Professional Development.

- Required of all first-year students

### POPH 001 | Introduction to Population Health | 4 cr.

Select one:
**Section 010 | TR 1:35-2:50| CRN: 43141**
**Section 011 | TR 3:00-4:15| CRN: 45604**
Despite significant advances in medicine and public health, inequities in health persist. Understanding health on a population level is an approach that seeks to improve the health of the whole population, unravel variations in health outcomes, and identify effective strategies for reducing or eliminating inequities. The purpose of this course is to provide students with an understanding of 1) how population health is defined and measured and 2) the determinants of population health (from cell to society).
***Instructor: Dr. Eric Delmelle or Professor TBD***

- *BS Biostatistics & Health Data Science-requirement*
- *BA Community & Global Health-elective*
- *BA Health, Medicine, & Society -public health requirement option*
- *BS Population Health-required*

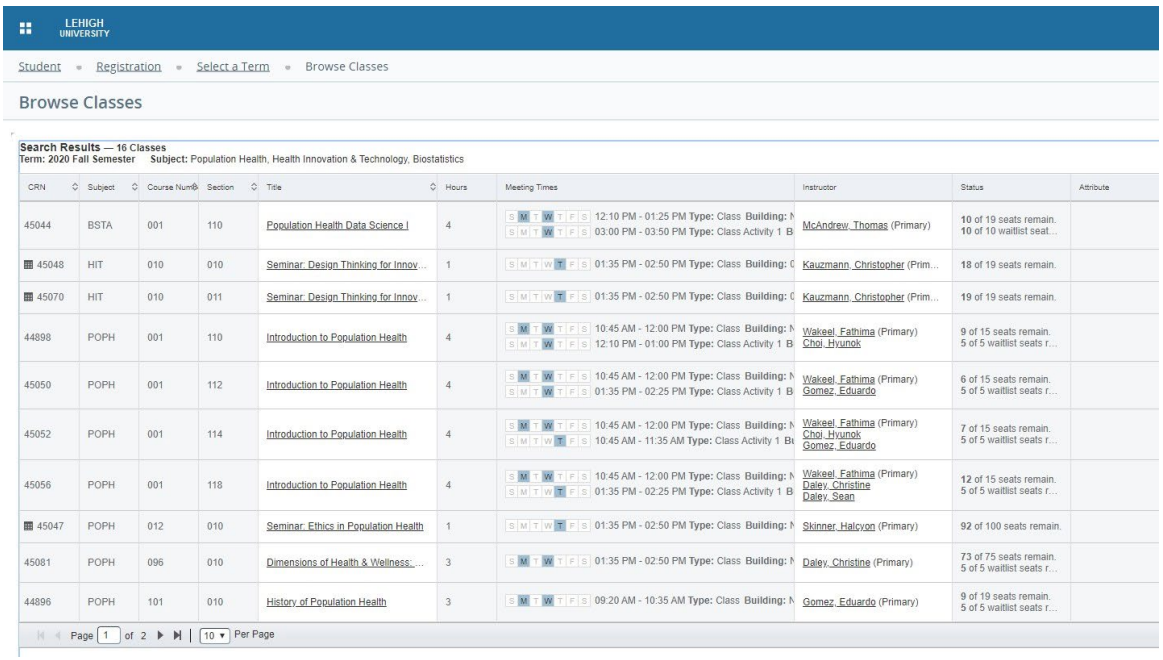
## Preparing to Register

Registration for first-year students is in July. Be sure to check your email for updates on the exact date. Changes to your schedule can be made during FYS orientation.

There are instructional videos on how to look up and Register for Classes, but here are some helpful tips to get you started:

Login to the Registration Portal via your Student Banner to review all course offerings for the Fall Semester.

Choose the link, “Browse Classes by Semester.”




Select “2025 Fall Semester” from the drop-down and click “Continue.”

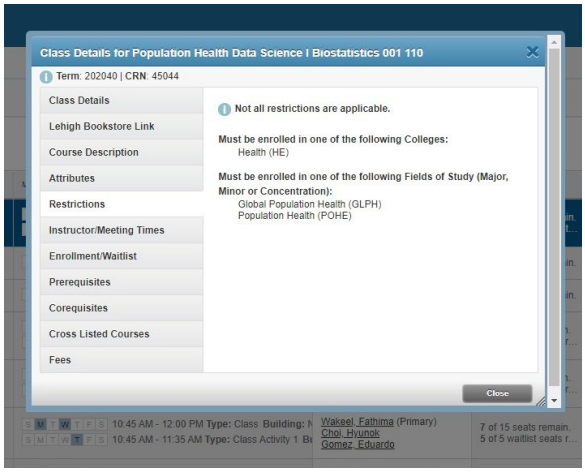
The subject codes available to College of Health students are:

- BSTA (Biostatistics)
- CGH (Community & Global Health)
- EPI (Epidemiology)
- HLTH (Health)
- POPH (Population Health)

Other subject codes you should be familiar with:

- WRT (First Year Writing)
- ENGL (English)
- MATH (Math)

Displayed results will tell you the CRN (course registration number), course number, title, instructor, days, times, and credits of a course.




Clicking on the title of a course shows you important information such as:

- Course description
- Restrictions, which may prevent registration
- Fees, which may be associated with the course
- Current enrollment

## Sample Course Schedules

Full-time status requires a **minimum of 12 credits** per semester. Some of the schedules below represent the **maximum** number of credits a first-year student can take their first semester (17 credits).

Students are encouraged to pace themselves their first semester because it is such a formative time; taking **15 credits** is suggested. **The sample schedules below are meant to be suggestions, not requirements.**

All first-year students **are required** to take the College of Health **First-Year Seminar (HLTH 090). They are also required to take WRT 001 or ENGL 003** unless they have received AP or transfer credit for it.

### Sample schedule: Major in Biostatistics & Health Data Science

| | | |
|---|---|---|
| * WRT 001 *or ENGL* 003 | Critical Reading and Composition | 3 credits |
| **MATH 051 | Survey of Calculus I | 4 credits |
| BSTA 007 | Frontiers of AI in Health | 3 credits |
| POPH 001 | Introduction to Population Health | 4 credits |
| HLTH 090 | First Year Seminar | 3 credits |

### Sample schedule: Major in Community & Global Health

| | | |
|---|---|---|
| * WRT 001 *or ENGL* 003 | Critical Reading and Composition | 3 credits |
| BSTA 005 | Statistical Literacy | 3 credits |
| CGH 001 | Community Health | 3 credits |
| CGH 004 | Intro to Global Health | 3 credits |
| HLTH 090 | First Year Seminar | 3 credits |

### Sample schedule: Major in Health, Medicine & Society

| | | |
|---|---|---|
| * WRT 001 *or ENGL* 003 | Critical Reading and Composition | 3 credits |
| POPH 001 *or* CGH 001 | Intro to Population Health *or* Community Health | 3 credits |
| BSTA 005 | Statistical Literacy | 3 credits |
| CGH 004 | Intro to Global Health | 3 credits |
| HLTH 090 | First Year Seminar | 3 credits |

### Sample schedule: Major in Population Health

| | | |
|---|---|---|
| * WRT 001 *or ENGL* 003 | Critical Reading and Composition | 3 credits |
| **MATH 051 | Survey of Calculus I | 4 credits |
| BSTA 005 | Statistical Literacy in Health | 3 credits |
| POPH 001 | Intro to Population Health | 4 credits |
| HLTH 090 | First Year Seminar | 3 credits |

### Sample schedule: Pre-Health

| | | |
|---|---|---|
| * WRT 001 *or ENGL* 003 | Critical Reading and Composition | 3 credits |

| | | |
|---|---|---|
| **MATH 051 | Survey of Calculus I (pre-health track) | 4 credits |
| CHM 030 | Intro to Chemical Principles | 4 credits |
| HLTH 090 | First Year Seminar | 3 credits |

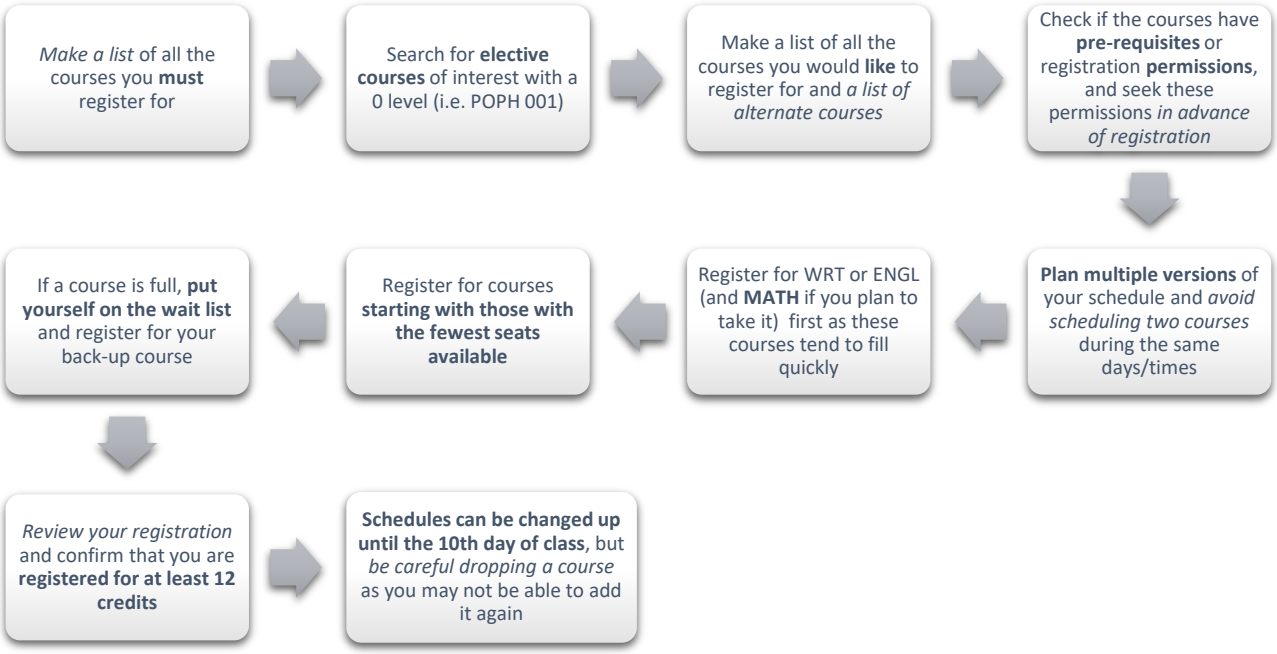
### Sample schedule: Undecided major

| | | |
|---|---|---|
| * WRT 001 *or* *ENGL* 003 | Critical Reading and Composition | 3 credits |
| CGH 001 *or* CGH 004 | Community Health *or* Global Health | 3 credits |
| POPH 001 | Intro to Population Health | 3 credits |
| BSTA 005 | Statistical Literacy | 3 credits |
| HLTH 090 | First Year Seminar | 3 credits |

*Students who receive a score of 4 on either of the English AP exams can opt to an elective course in place of WRT 001 or ENGL 003.

**Students who receive a 4 or 5 in the AP exam or a 4 or 5 on the AB sub-score of the BC exam receive credit for MATH021, which exempts a student from having to take MATH 051.

## Steps to Building Your Schedule



## Build Your Schedule

Use the below template to build what you would like for your first semester schedule.

| Course number | Course name | Number of credits | Distribution, elective or major requirement? |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | **Total Credits** | | |

# How to be Successful in College!

01 **Use your Lehigh email account exclusively.** Use it for every communication that has to do with your academics ensures that you are able to access resources that use single sign-on, or are restricted to the Lehigh community.

02 **Check your email (and respond!) several times a day and use Google Calendar to schedule your day!** Decide on specific times to each day that you'll check for updates.

03 **Treat the weekday like it's a full-time job.** Decide on a time frame for each day that you'll work on coursework, whether you're in class or not. For example, if you decide that Monday-Friday, from 10am-5pm you'll either be in class or working on homework, you'll have plenty of time each day to hang out with friends, pursue other interests, or just relax!

04 **Ask for help as soon as you don't understand or feel lost! College is harder than high school.** Asking for help does not mean you have a weakness but instead that you are smart enough to know when you need assistance. There are many support systems in place at Lehigh. They are there for your benefit. Don't be afraid to use them!