



LEHIGH

U N I V E R S I T Y

Class of 2028 - Fall 2024 Course Registration Guide

AE: Arts-Engineering

— TABLE OF CONTENTS —

College Welcome Letter	1
First-Year Course Registration Guide	3
Calculus Placement Guidelines	6
Advanced Placement & College Credit Information	9
Pre-Health & Pre-Law Track Information	11
Big Questions Seminars	13



May 2024

Dear Members of the Class of 2028:

Welcome to the Arts-Engineering program! This five-year dual degree track will enable you to complete one degree in the College of Arts & Sciences and one degree in the College of Engineering and Applied Science. Arts-Engineering students balance their liberal arts education with an accredited engineering degree, and they benefit from dedicated first-year advising and early registration.

This booklet and our online resources are designed to aid you in every step of the academic onboarding and registration process. Later in July you will be able to register for your first fall semester. **To prepare to register online, please read through this packet carefully and review our online resources available via go.lehigh.edu/AEFYAdvising.** Please look for our emails from inadvise@lehigh.edu with advising reminders and ways to get in touch with us.

When you arrive on campus for Orientation in August you will meet with your academic advisor and consult with them to review your course selections and make any necessary changes to your schedule. In addition to your academic advisor, you will be supported by the CAS Academic Advising Center, and from the College of Engineering and Applied Science, in addition to our colleagues in the Mentor Collective and the Office of the Registrar.

You will be asked to declare a major in Engineering in the spring semester of your first year. Your selection of a major in the College of Arts & Sciences may be made at any time prior to the spring semester of your sophomore year. After declaring each of your majors you will be assigned a faculty major advisor in each program.

The CAS Advising Center is located in 120 Williams Hall, so please plan to visit us in the fall semester. You can also visit Packard 304 to discuss questions related to engineering programs. We look forward to working with you as you begin your Lehigh experience!

Sincerely,

Dr. Susan Perry
Assistant Dean of Academic Affairs

Beth Pelton
Assistant Dean of Undergraduate Advising

Advising Structure

First-Year Advising

As an Arts-Engineering (AE) student you will have an advisor in both the College of Arts & Sciences and PC Rossin College of Engineering. Your advisors will help you with course selection, choosing a major, and navigating academic processes. Your initial academic advisors will be the co-directors of the AE program, Professor Susan Perry (College of Engineering) and Beth Pelton (College of Arts & Sciences).

In addition to your advisors, you will be supported by the faculty and staff in the CAS Advising Center. The advising center is available to you all summer to help you review and understand requirements and answer your academic questions.

Contact Information:

- **Email:** inadvise@lehigh.edu
- **Phone:** 610-758-3301
- **Live Chat:** go.lehigh.edu/caslivechat
- **Website:** go.lehigh.edu/CASFYAdvising
- **CourseSite:** coursesite.lehigh.edu and 'CASUNDERGRAD'

What to Expect:

- **Area of Interest Survey:** you will receive a short Area of Interest Survey in June from our office via inadvise@lehigh.edu. Be sure to complete this survey as it provides information critical to providing fall course guidance.
- **Weekly Emails:** you will receive weekly emails from our office beginning in June, providing you with general reminders and tips, and ways to reach out with questions.
- **Information Sessions & Drop-In Advising Zoom Sessions:** dates and links will be advertised in the weekly emails and also through the First-Year Student Portal.

Mentor Collective

The Mentor Collective at Lehigh University aims to provide peer-led support by upperclassmen to students navigating their first year on campus. You will be contacted via email with an opportunity to opt into this program and be assigned a Peer Mentor. If you wish to take advantage of this program you will be paired with a Peer Mentor based on common interests, background, and academic pursuits. Your Peer will be prepared to discuss a variety of topics regarding preparing for, and navigating, life at Lehigh.

Dean of Students Offices

Students can seek additional academic support under the umbrella of our Dean of Students Offices. For example, 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.

Major Advisor

Once you formally declare your majors you will be assigned major advisors, a faculty member in each department (in CAS and in RCEAS) in which you declared. You will declare your major in the CAS by end of your Sophomore, or fourth, semester, and in Engineering you will declare by the end of your first year, or second semester. You are welcome to work with the CAS Advising Center, the RCEAS Academic Office, and the Center for Career and Professional Development in choosing major programs that will best suit your individual skill sets and help you achieve your academic and professional goals.

First-Year Course Registration Guide

Read through these steps before you register!

How this works:

- The Office of the Registrar will email you in June to confirm the day and time in July that registration will open for you. It is important that you complete your course registration process during the two-week July registration window. Use the following instructions to ensure you are prepared for that process!
- In June you will receive a short area of interest survey from inadvise@lehigh.edu. **Please be sure to complete this survey as it provides information critical to guiding your fall semester schedule.**
- **Step-by-step registration videos** and Frequently Asked Questions about the registration process are available to you at <https://fysenroll.lehigh.edu>.
- **Additional details:**
 - You will need to register for a minimum of **12 credits** to be a full-time student, while the maximum number of credits you can take is **18**.
 - A typical course load is 15-17 credits (most courses are each 3 or 4 credit hours), meaning you should register for 4 or 5 courses in your first semester.
 - **You can register for courses that start with a zero (0), for example PSYC 001: Intro to Psychology.** For a full list of courses available to you please visit go.lehigh.edu/FYCourses.

□ STEP 1 – What are the Requirements?

Each undergraduate college has a set of basic requirements all students must complete regardless of their major program(s). As an Arts-Engineering, or AE student, you are in both the College of Arts & Sciences (CAS) and the PC Rossin College of Engineering and Applied Sciences (CEAS).

Both colleges require you to complete:

First-Year Writing (6 credits)

- WRT 001: Academic & Analytical Writing
- WRT 002: Research & Argument
 - Options for multilingual speakers, WRT/ENGL 003 and 005, are available through appropriate placement with the International Center for Academic and Professional English (ICAPE)

First-Year Seminars

- CAS Big Questions Seminar options can be found on page 13 (3-4 credits)
- The CEAS seminar course is ENGR 005: Intro to Engineering Practice (2 credits). The other first year course required for all students is ENGR 010: Applied Engineering Computer Methods (2 credits)

Distribution Requirements (detailed below)

Students may count the same courses toward distribution requirements in both colleges.

College of Arts & Sciences Distribution Requirements

Mathematics (MA, 3 credits)

Disciplinary Perspectives (7 credits in each area)

- Investigating the Natural World (NW, must include an associated lab)
- Investigating the Social World (SW)
- Creating & Expressing through Arts & Languages (AL)
- Interpreting & Understanding Human Experience (HE)

Encounters (3 in each of 3 areas)

- Contemporary Challenges (CC)
- Quantitative Reasoning (Q)
- Writing (W)

Distribution Requirements for the College of Engineering & Applied Science

Collateral Requirement: ECO 001: Principles of Economics

Advanced Requirement: A minimum of four multi-credit courses and a minimum of 13 credits in courses designated as HU (humanities) or SS (social science), with the following restrictions:

Depth 8 credits

At least eight credits must be in a common discipline and from the same department or program. At least three of these credits must be at the 100-level or above, or at the intermediate level or above for a single foreign language.

Breadth 3 credits

At least three credits in a discipline from, and not cross-listed with, the discipline employed to satisfy the depth requirement.

- > At least three credits must be designated as HU;
- > None of the courses used for HSS can be taken Pass/Fail;
- > None of the courses can be one-credit courses.

□ STEP 2 –What Courses Should I Register For?

As a student in the Arts-Engineering program you should plan to register for one of the following schedules below. You will start your Engineering major introductory courses in the fall semester of your sophomore year, and you can begin working in your CAS major courses within the first year. A full list of CAS majors and minors is provided online via the catalog (catalog.lehigh.edu) and also via go.lehigh.edu/CASMajorContact.

Sample Course Schedules for Arts-Engineering:

#1 Sample Schedule:

FALL	SPRING
WRT 001: Academic & Analytical Writing (3)	WRT 002: Research and Argument (3)
Big Questions Seminar (3-4)	MATH 022: Calculus II (4)
MATH 021: Calculus I (4)	CHM 030: Intro to Chemical Principles (4)*
PHY 011 + 012: Intro Physics I & Lab (5)	CAS Major Intro Course (4)
ENGR 005: Intro to ENGR Practice (2)	ENGR 010: Applied ENGR Computer Methods (2)
Total Credits: 17-18 credits	Total: 17 credits

* If you want to major in the **Biological Sciences, Chemistry, Bioengineering** or follow the **Pre-Health track**, please switch PHY 011/012 with CHM 030 (following the second sample schedule below).

#2 Sample Schedule:

FALL	SPRING
WRT 001: Academic & Analytical Writing (3)	WRT 002: Research and Argument (3)
Big Questions Seminar (3-4)	MATH 022: Calculus II (4)
MATH 021: Calculus I (4)	PHY 011 + 012: Intro Physics I & Lab (5)
CHM 030: Intro to Chemical Principles (4)*	CAS Major Intro Course (4)
ENGR 005: Intro to ENGR Practice (2)	ENGR 010: Applied ENGR Computer Methods (2)
Total Credits: 16-17 credits	Total: 18 credits

*If you want to major in the **Biological Sciences, Chemistry, Bioengineering** or follow the **Pre-Health track**, you need to start by taking CHM 030 or 040 because it is a required prerequisite for courses to be taken in the spring semester (BIOS 041: Bio Core I and BIOS 042: Bio Core I Lab).

□ STEP 3 – Review Your Record for Applied AP or Transfer Credits

If you expect AP or transfer credit, make sure to have your scores and/or transcript sent to Lehigh! If your scores aren't reported in a timely manner, you will be barred from taking anything more advanced than introductory courses during your first semester. You should also review the 'Advanced Placement and College Credit' section on page 9 in this booklet for detailed information on how various departments treat AP, SAT, ACT, and IB credit.

Calculus Placement Guidelines

Please consult the *2024-2025 Course Catalog* (catalog.lehigh.edu) to confirm the mathematics course(s) that are required and recommended by different degree programs.

Introductory Calculus Courses:

A solid high school precalculus course is necessary background for calculus at Lehigh. Students need a strong foundation in functions and trigonometry to really thrive in calculus. Calculators are not permitted in exams or quizzes in Lehigh calculus classes. With different calculus sequences, the Mathematics Department is able to tailor its offerings to students with different preparations and needs for studying calculus.

Every student who intends to take an introductory Calculus class at Lehigh will be required to take an assessment provided by ALEKS from McGraw-Hill for placement, available beginning in June via go.lehigh.edu/ALEKS. Direct communication about ALEKS will be shared with all incoming students via their Lehigh email address. ALEKS will administer an assessment that will provide a score, which will indicate the appropriate first semester Calculus course(s). ALEKS will also indicate the topics and areas for improvement and will provide modules to help students get ready for the Fall semester. After working through these modules, students have the opportunity to test again and improve their Calculus placement results.

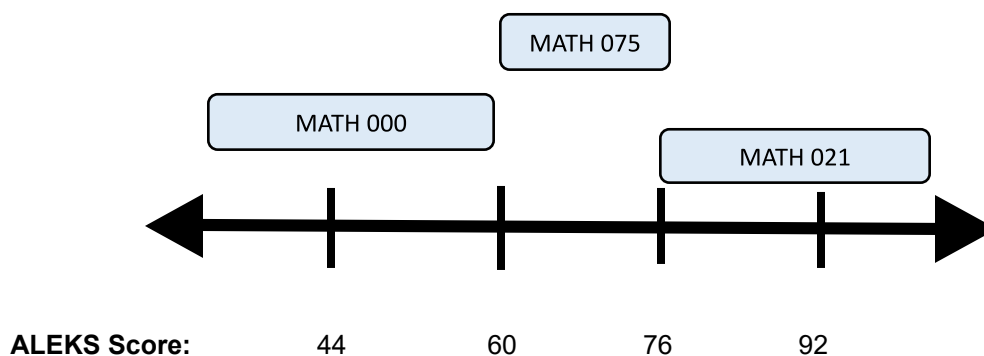
Every student will receive a Calculus placement email in July ahead of registration from inadvise@lehigh.edu.

MATH 000: Prep for Calculus 2 credits, Fall & Summer semester	
ALEKS Score:	60 or below
Who should take this course?	Students who are not ready to start Calculus at Lehigh but will require it for a major or minor program.
Course Description:	Intensive review of fundamental concepts in mathematics utilized in calculus, including functions and graphs, exponentials and logarithms, and trigonometry. This course is for students who need to take MATH 051, 081 or 021, but who require remediation in precalculus. The credits for this course do not count toward graduation , but do count toward GPA and current credit count.
<p>MATH 000 will be offered during Summer Session II, beginning July 1, 2024. If you are not prepared to take Calculus I and are pursuing a major that requires Calculus, you should consider taking MATH 000 as early as possible. Please reach out to fysenroll@lehigh.edu for more information about enrolling in MATH 000 this summer. Students who are eligible for financial aid will have a reduced or completely covered cost of summer tuition.</p>	

MATH 075: Calculus I, Part A 2 credits, Fall semester	
ALEKS Score:	61 or greater
Who should take this course?	For students who need MATH 021 but do not meet the SAT or ACT score requirements to register for MATH 021.

Course Description:	Covers the same material as the first half of MATH 021. Meets three hours per week, allowing more class time for each topic than does MATH 021.
Completing MATH 075 and 076 substitutes for MATH 021. To complete the sequence, students will need to take MATH 076: Calculus I, Part B (2 credits) in the spring semester.	

MATH 021: Calculus I 4 credits, Fall & Spring semester	
ALEKS Score:	76 or greater
Who should take this course?	For students majoring in Mathematics, Physics, Computer Science, the BS in Economics, and certain Chemistry majors, or students who may transfer to Engineering.
Course Description:	Functions and graphs; limits and continuity; derivative, differential, and applications; indefinite and definite integrals; trigonometric, logarithmic, exponential, and hyperbolic functions.



Calculus Courses for students with AP, IB, or Transfer credit:

- **Please note:** Students seeking placement into calculus II or higher must provide credentials to Registration & Academic Services (this includes **approved** TR, IB, or AP credit) prior to registration. **No change in registration will be allowed until the proper credentials arrive**, and the deadline is the 10th day of class (Friday, September 6, 2024). **No exceptions will be made.**
- **The Mathematics Department offers an anticipatory exam** for students who feel that they have mastered the material of Math 21, Math 22, or Math 23, but do not have the credentials for approved credit. Please be aware that the success rate on this exam is typically very low. You may contact LUMath@lehigh.edu for information on the contents of this exam.
- Receiving credit for MATH 021 exempts a student from having to take MATH 051 or 081
- Receiving credit for MATH 022 exempts a student from having to take MATH 052

MATH 022: Calculus II 4 credits, Fall & Spring semester	
Who should take this course?	For students with credit for MATH 021 who intend to pursue a major requiring advanced Calculus.
Course Description:	Applications of integration; techniques of integration; separable differential equations; infinite sequences and series; Taylor's Theorem and other approximations; curves and vectors in the plane.

MATH 023: Calculus III 4 credits, Fall & Spring semester	
Who should take this course?	For Students with credit for both MATH 021 and 022 who intend to pursue a major requiring advanced Calculus.
Course Description:	Vectors in space; partial derivatives; Lagrange multipliers; multiple integrals; vector analysis; line integrals; Green's Theorem, Gauss's Theorem.

Students with questions about Math or Calculus placement should contact inadvise@lehigh.edu

Advanced Placement & College Credit Chart

Please use the chart below to determine what Advanced Placement credit you may receive from various Lehigh departments. You must have your scores submitted directly to Lehigh (code 002365). Any delay in submitting your scores will impact your ability to register for courses.

International Baccalaureate: 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.

Please note: The official Advanced Placement rules and guidelines may be found in the 2024-2025 online catalog (catalog.lehigh.edu) and are subject to change annually.

Subject	Score	Method	Credit for:
Africana Studies	4	AP African American Studies	AAS 091 (4 cr)
Art	4	AP Art History	ART Elective (4 cr)
	5	AP Art History	ART 001 (4 cr) + ART 002 (4 cr)
	5	AP Studio Art Exam	ART 073 (4 cr)
Biology	4 or 5	AP Biology	BIOS 001 (4 cr)
Chemistry	5	AP Chemistry	CHM 030 (4 cr)
Computer Science	4 or 5	AP Computer Science A	CSE 007 (4 cr)
	4 or 5	AP Computer Science Principles	CSE 099 (3 cr)
Earth & Environmental Science	4 or 5	AP Environmental Science	EES/EVST 002 (3 cr) + EES 022 (1 cr Lab)
Economics	4 or 5	AP Microeconomics	ECO 099 (2 cr)
	4 or 5	AP Macroeconomics	ECO 099 (2 cr)
	4 or 5	Both AP Microeconomics AND AP Macroeconomics	ECO 001 (4 cr) + ECO 099 (2 cr)
English	4	AP English Literature & Composition OR AP English Language & Composition	WRT 001 (3 cr)
	5*	AP English Literature & Composition OR AP English Language & Composition	WRT 001 3 cr) + WRT 002 (3 cr)*
	5	International Baccalaureate HL Exam	WRT 001 (3 cr)
Global Studies	4	AP Human Geography	GS 091 (4 cr)

Subject	Score	Method	Credit for:
History	5	AP American History	HIST Elective (4 cr, SS Distribution Req)
	5	AP European History	HIST Elective (4 cr, SS Distribution Req)
	5	AP World History	HIST Elective (4 cr, SS Distribution Req)
Mathematics	4 or 5	AP Calculus AB Exam *or an AB subscore of 4 or 5 on the AP Calculus BC Exam	MATH 021 (4 cr)
	4 or 5	AP Calculus BC Exam	MATH 021 (4 cr) + MATH 022 (4 cr)
	5	International Baccalaureate High-Level Exam	MATH 021 (4 cr)
	4 or 5	AP Statistics	MATH 012 (4 cr)
Modern Languages & Literatures	4	Any of the AP Language & Culture subject exams	Interm Level I (4 cr)
	5	Any of the AP Language & Culture subject exams	Interm Level I (4 cr) + Interm Level II (4 cr)
	4 or 5	AP Spanish Literature & Culture	SPAN 151 (4 cr)
Music	5	AP Music Theory	MUS Elective (2 cr)
Physics	5	AP Physics 1: Algebra-Based	PHY 011 (4 cr) + PHY 012 (1 cr Lab)
	4 or 5	AP Physics C: Mechanics	PHY 011 (4 cr) + PHY 012 (1 cr Lab)
	4 or 5*	AP Physics C: Electricity & Magnetism *Only eligible if student also receives AP credit for PHY 011	*PHY 021 (4 cr) + PHY 022 (1 cr Lab)
Political Science	4 or 5	AP United States Government & Politics	POLS 001 (4 cr)
	4 or 5	AP Comparative Government & Politics	POLS 003 (4 cr)
Psychology	4 or 5	AP Psychology	PSYC 001 (4 cr)

Pre-Health Information

Medical, dental, and other health professional schools are looking for students who have pursued a challenging and well-rounded education, and who have successfully completed the necessary prerequisite coursework. **No specific major is required for pre-health track students.** Students who indicate interest in pursuing a pre-health track will automatically be enrolled in the Pre-Health Advising CourseSite, which will provide you helpful information and resources to support you as a pre-health track student at Lehigh. Appointments with the Med Mentors or the Pre-Health Director, Autumn Moser, may also be scheduled through your Handshake account (<https://lehigh.joinhandshake.com>).

Sample first-year schedule for pre-health track:

FALL semester first year	Credits	SPRING semester first year	Credits
WRT 001	3	WRT 002 (or WRT 011 if placed out of WRT 002)	3
Big Questions Seminar	3 or 4	MATH 052 or 022	3 or 4
MATH 051 or 021	4	CHM 031 or 041	4
CHM 030 or 040 (or 031 if AP)	4	BIOS 041 + 042L (or 043L)	4

- **AP credits and pre-health:** AP credits are generally accepted by medical schools, with more advanced study in that discipline suggested (consult with the pre-health director).
- **Biology and pre-health:** Lehigh's introductory biology course and lab (BIOS 041 + 042L: Bio Core I: Cellular & Molecular Biology) are offered only in the spring semester. CHM 030 or 040 is a pre-requisite for BIOS 041 + 042L.
- **Calculus and pre-health:** Both the 20 and the 50 series of calculus are appropriate for pre-health students. If students plan to major in a discipline that requires upper-level calculus courses (e.g., Calc III), then the 20 series must be taken.
- **Chemistry and pre-health:** Both the 30 and the 40 series of Chemistry are appropriate for pre-health students. Note: CHM 030 and CHM 031 are both offered in the fall and the spring semesters. CHM 040 is offered in the fall semester, and CHM 041 is offered in the spring.
- **The "traditional" timeline** of matriculating to health professional school directly after graduation is no longer followed by the majority of Lehigh and national applicants. Students typically apply to medical school after graduation and take a gap or bridge year to gain more experience. Waiting does not impact the success of the application.

Sample 4-year schedule to show placement of necessary courses for direct matriculation to med school*

First Year	CHM 030 or 040 + 031 or 041	BIOS 041 + 042L
	ENGL 001 + 002 or 011	MATH 051 or 021 + 052 or 022
Sophomore Year	CHM 110 + 111L + 112 + 113L	BIOS 115 + 116L
	BIOS 044 + 045L	Statistics
	SOC 001	
Junior Year	PHY 010/011 + 012L + 013/021 + 022L	BIOS 371 + 372
	PSYC 001	MCAT in spring /summer
	Lehigh Committee Process (for institutional letter of support)	
Junior/Senior Summer	Submit primary and secondary applications to medical school	
Senior Year	Interviews throughout. Decisions from October to the following summer.	

**Requirements for at least one degree program and the college distribution requirements must also be satisfied!*

Introductory prerequisite and corequisite courses to remember:

For:	Prerequisite(s)	Or corequisite
BIOS 041	CHM 030 or 040	CHM 030 or 040 (not recommended)
BIOS 042 (Lab)	BIOS 041	BIOS 041 (recommended)
BIOS 115	BIOS 041	
BIOS 116	BIOS 115	BIOS 115 (recommended)
BIOS 044	BIOS 041 + 042 or 043 (Lab)	
BIOS 045 (Lab)	BIOS 044	BIOS 044 (recommended)
CHM 031 or 041	CHM 030 or 040 and MATH 021, 031, 051, or 075 + 076	
CHM 110	CHM 031 or 041	
CHM 111 (Lab)	CHM 110	CHM 110 (recommended)
PHY 010 or 011	MATH 021, 031, 051, or 075 + 076	MATH 021, 031, 051, or 075 + 076
PHY 012 (Lab)	PHY 010 or 011	PHY 010 or 011 (recommended)
PHY 013	PHY 010 or 011 and MATH 021, 031, 051, or 075 + 076	MATH 021, 031, 051, or 075 + 076
PHY 021	PHY 010 or 011 and MATH 022, 032, or 052	
PHY 022 (Lab)	PHY 012 and PHY 031 or 021	PHY 013 or 021 (recommended)

List of courses needed to prepare for MCAT and fulfill requirements for most US medical† schools (asterisked courses typically taken in *first year or **second year)

Biology (3 semesters)	*BIOS 041/042L (4) + **BIOS 115/116L (4) + 044/045L (4)
Chemistry (2 semesters)	*CHM 030 or 040 (4) + CHM 031 or 041 (4)
Organic Chemistry (2 semesters)	**CHM 110/111L (4) + 112/113L (4)
Physics (2 semesters)	PHY 011 or 010 + 012L (5) + PHY 021 or 013 + 022L (5)
Biochemistry (2 semesters)	BIOS 371 (3) + 372 (3)
Calculus (2 semesters recommended)	*MATH 051 or 021 (4) + MATH 052 (3) or 022 (4)
Statistics (1 semester)	MATH 012 (4) or department-specific statistics course(s) (e.g., BIOS 130)
Psychology (1 semester)	PSYC 001 (4)
Sociology (1 semester)	SOC 001 (4) or HMS minor
English (2 semesters)	*ENGL 001 + 002 (6) OR ENGL 001 (AP) + 011 (6)

†Dental and other health professional programs have similar requirements.

Pre-Law Information

Following the recommendations of the Association of American Law Schools, Lehigh does not have a prescribed pre-law curriculum or major. You may foster the relevant skills in critical analysis, logical reasoning, and communication through challenging coursework of significant breadth and depth in all majors at Lehigh. Courses that emphasize reading and writing, analytical thinking, and public speaking will help to develop the skills necessary to succeed in law school. For those interested students, law-related courses are offered in the College of Arts and Sciences (Constitutional Law, Civil Rights and Civil Liberties, Law and Order) and the College of Business and Economics (Introduction to Law and Legal Environment of Business). Contact the pre-law advisor for enrollment in the Pre-Law Advising Course Site; appointments may also be scheduled through your Handshake account (<https://lehigh.joinhandshake.com>).

Big Questions Seminars Fall 2024

You will need to register for a Big Questions Seminar in your first fall semester. These courses address a wide range of engaging subjects in a small classroom setting and are taught by some of Lehigh's very best faculty. One of the primary goals of these seminars is to assist you in transitioning from high school to college, with an eye toward critical thinking and active classroom participation.

Detailed course descriptions, additions to this list, and brief biographies of the instructors are available via go.lehigh.edu/BigQuestionsSeminars.

We encourage you to review all of the course descriptions in this year's Big Questions Seminar Program. We advise that you select a seminar in a subject area different from that of your intended major to construct a schedule that allows you to explore. We ask you to consider several seminars as they have limited enrollment capacity and they may have time conflicts with your other fall courses.

Department	Course Title
ANTH 090-012 (IR 090-012)	Culture Wars: Who starts them and why?
ART 090-011 (PSYC 090-011)	What is Reality?
ART 090-012 (EVST 090-012)	Can Art Inspire Climate Change Action?
ARTS 090-010	How should we remember?: The case of slavery in early Bethlehem
BIOS 090-010	How Can We Harness the Oceans to Solve Societal Needs?
BIOS 090-020	Who are the Women in Science?
CHM 090-016 (ENGL 090-016)	How Do Explosives Catalyze Change?
COMM 090-010	In AI We (Dis)Trust?
COMM 090-011 (AAS 090-011, LAS 090-11)	What is the media's role in constructing racial identity?
DES 090-018 (THTR 090-018)	How Will Media Make the Future?
EES 090-010	How Hot is Too Hot? From Ice Age to Greenhouse Earth
ENGL 090-015 (THTR 090-015)	All Fun & Games: How Does Play Change Us?
HIST 090-010	Prisons & Policing?
HIST 090-011 (ASIA 090-011, HIST 090-011)	Is the Future of Humanity Asian?
MATH 090-010	Can mathematics be used to improve democracy?
MLL 090-010 (GS 090-010)	Is Censorship Necessary?
MLL 090-012 (FILM 090-012, GS 090-012)	How Has Photography Changed the World?
MLL 090-013	What is the Legacy of the French Empire?

MUS 090-011 (THTR 090-011)	How can American musical theatre promote social justice?
PHIL 090-010	How ought we live with AI?
PHIL 090-012 (POLS 090-012)	What is Nationalism?
PHY 090-010 (EVST 090-010)	Ghosts of Chernobyl: Do the benefits of nuclear energy outweigh its risks?
POLS 090-011 (SOC 090-011)	What Can Pop Culture Teach Us About Politics?
PSYC 090-010	What Makes for a Meaningful Life?
REL 090-010 (POLS 090-010)	Are Children People?
SOC 090-014 (HMS 090-014)	How Did Opioids Become an Epidemic?
THTR 090-016 (SOC 090-016, DES 090-016)	How can we use Design as Activism to affect social change?

P.C. ROSSIN COLLEGE
OF ENGINEERING AND
APPLIED SCIENCE



LEHIGH
UNIVERSITY

COLLEGE OF
ARTS AND
SCIENCES