



LEHIGH
U N I V E R S I T Y

Computer Science and Business (CSB) Program

Class of 2029

Course Registration Guide

Fall 2025

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Dear first-year student,

Congratulations on your acceptance to the Computer Science & Business Honors program (CSB), and welcome to Lehigh! We are excited to have you as part of the Class of 2028.

During your time at Lehigh University, the Computer Science & Business Association (CSBA) will serve as the student organization of the CSB program. Our role is to represent all students involved in the CSB program, provide opportunities for professional development, and organize social events tailored for CSB students.

This guide not only helps you plan your schedule but also discusses the details (e.g., class tips, course pace, etc.) that you should consider when choosing your sections. That being said, don't be afraid to differ from our recommendations to challenge yourself. The more you push yourself, the more prepared you will be to tackle demanding tasks in the future.

In the 2025-2026 school year, our goal is to establish a stronger sense of unity and community for all CSB students, starting with the Class of 2029. In doing this, we hope that CSB students will more strongly unify to succeed together in academic, professional, and social affairs. As the school year progresses and new classes enter the CSB program, our resources will be modified, expanded upon, and refined by the CSBA to serve you more appropriately.

This year we will also be offering a [PreLusion](#) program for the second time where you can learn the ins and outs of CSB, make CSB friends early on, and hear about all the resources available to make your time at Lehigh successful.

If you have any questions regarding the CSB program, this guide, or anything Lehigh-related, please contact me, other board members, CSB Co-directors or the CSB advisor.

Sincerely,

Zaki Khan

A handwritten signature in black ink, appearing to read 'Zaki' with a stylized flourish.

President
Computer Science & Business Association

CSB Association

Lehigh University's Computer Science and Business Association (CSBA) is a student club organization run by and for students majoring in Computer Science and Business honors program. We promote the cohort's wants and needs to the Computer Science Department, the College of Business, and the greater university. The organization has three main goals: building technical skills, assisting in the job application process, and encouraging a fun social atmosphere.

First Year Representative

The First Year Representative is the elected representative of the class of 2028. They plan events to help the class of 2028 learn, grow, and meet each other! They're chosen by the First-Year students. Check your email from time to time to catch any updates about the position.

Mentorship Program

Through CSBA's Mentorship Program, you will be assigned a mentor - a current upper-class student in the CSB program. Set up a coffee chat, learn about them, and have someone that is successful in CSB to look up to. It is structured in a way that helps first-year students with a smooth transition into the CSB program at Lehigh through a series of social, professional, and technical development events along with meetings with their mentors. At the end of the program, each mentee will have all tools and knowledge to succeed at Lehigh and beyond.

Committees

We want everyone involved in the decision-making of the CSBA, through committees. We believe this will enhance the engagement in CSBA immensely, invite more diversity of thoughts and increase the pool of helping hands. This will be an excellent steppingstone for anyone looking for a leadership position in the CSBA next year.

CSBA EBoard

President: Zaki Khan

VP of Experience: Amanda Fogel

Treasurer: Grant Ford

Professional Dev Chair: Ella Rodrigues

External Affairs Chair: Jacob Spangler

VP of Development: Ben Stahl

Secretary: Alice Peng

Technical Development Chair: Ben Rainey

Alumni Affairs Chair: Logan Scheetz

First-Year Representative: TBD

CSB FAQ

How many credits is the CSB program?

- The CSB honors program requires 136 credits. With that being said, a student may average around 17 credits per semester (this may drop if you're coming in with transfer or AP credits).

How many students are in CSB?

- There are approximately 240-270 students currently in the program.

How easy is it to study abroad as a CSB student?

- Fortunately for CSB students, the Lehigh in Barcelona summer program conveniently fits into your schedule. It offers a required course in Barcelona over the summer and a three-credit internship, which counts as a professional elective! There are also a few other possibilities to study abroad during the school year, just make sure you're planning out your credits carefully.

Do I have time for extra-curricular activities?

- Although CSB is a difficult program, students are usually found to be some of the most involved students on campus!

CSB Faculty/Staff

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First-Year Course Registration Guide

Read through these 5 steps before you register!

The *First-Year Course Registration Guide* provides a step-by-step walkthrough of how to register for your Fall semester courses.

How this works:

- 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 in your first semester is 18.
- A typical course load is 15-17 1/2 credits (most courses are each 3 or 4 credit hours), meaning you should register for 5 or 6 courses in your first semester.
- You can only register for courses numbered below 100, unless given permission by a department or professor.
- In June you will receive a short onboarding survey from the Office of Registration and Academic Services.
- The Office of Registration and Academic Services has created a [website for first-year students](#) that includes step-by-step videos and Frequently Asked Questions about registration.
- The Office of Registration and Academic Services will email you in June to confirm the day and time in July registration will open for you. It is important that you complete your course registration process during the assigned dates. Use the following instructions to ensure you are prepared for that process!

□ Step 1 – What are the Requirements?

As a student in Computer Science and Business you must complete:

<u>Distribution Requirements for Computer Science and Business</u>	
Professional Electives	9 credits
Any upper level CSE or Business classes that are approved by the program co-directors	
Investigating the Natural World (NW)	12 credits
Choose from those designated in: Chemistry & Biological Sciences, Physics & Astronomy, Earth & Environmental Sciences, or Anthropology & Psychology. At least one course must include an associated laboratory or at least one credit must be earned in a laboratory. One course must also be an upper level course with a lower level prerequisite.	
Social World (SW)	3 credits
Choose from those designated in: anthropology, economics, political science, history, international relations, journalism, psychology, sociology, and science, technology, and society.	
Interpreting & Understanding Human Experience (HE) and/or Creating & Expressing through Arts & Languages (AL)	6 credits
Choose from those designated in: architecture, art, design, classics, history, modern languages and literatures, English, music, philosophy, religion studies, and theatre.	
CSE Electives	3 credits
Any upper level Computer Science Course (200-300 level with CSE 160 as exception)	
Free Electives	7 credits
Total required for graduation:	136 credits

Please note that in addition to these traditional disciplines, students may earn distribution requirements by taking courses in the interdisciplinary programs:

Africana Studies, Asian Studies, Cognitive Science, Environmental Studies, Ethics, Film & Documentary Studies, Global Studies, Health, Medicine, and Society, Jewish Studies, Latin American and Latino Studies, Sustainable Development, and Women, Gender, and Sexuality Studies.

□ Step 2 – What Courses Should I Register For?

In your first semester you should begin your core classes in CSB. You should plan to register for:

- WRT 001
- CSE 007
- ECO 001

Now, for the rest of your schedule...

□ 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!

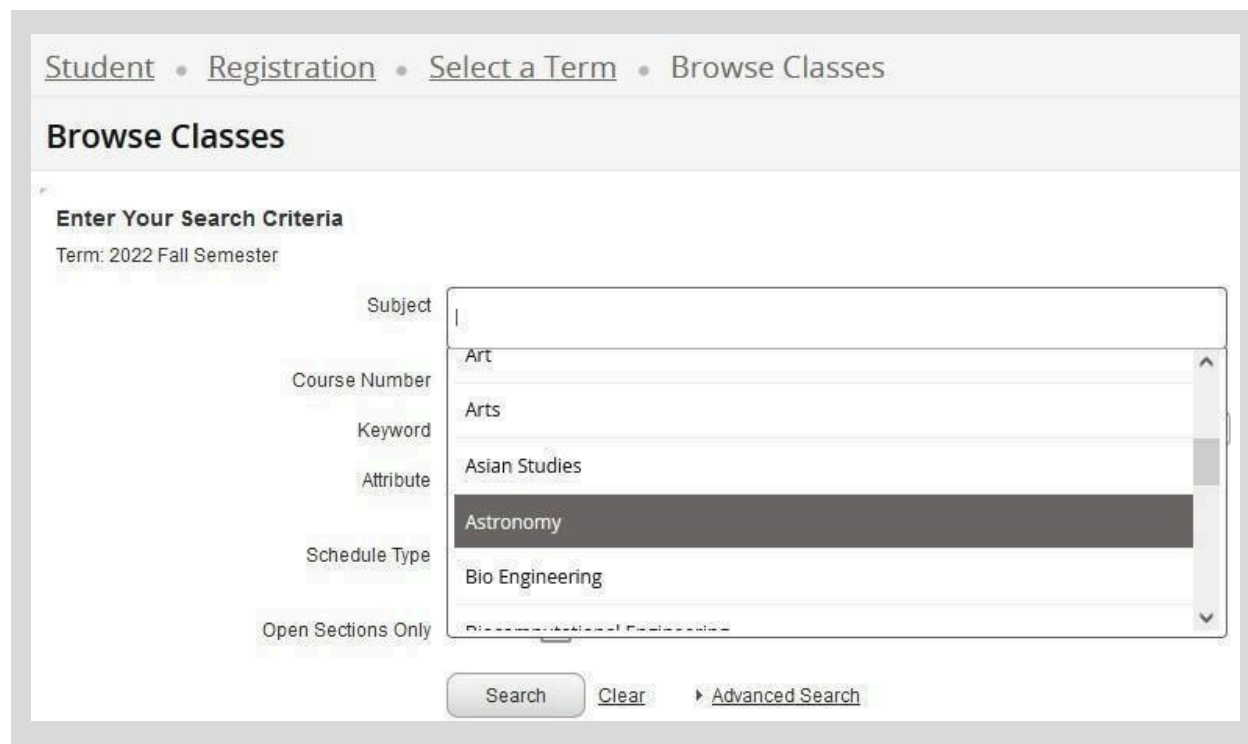
If your scores aren't reported in a timely manner, the Office of Registration and Academic Services will bar you from taking anything more advanced than introductory courses during your first semester.

[Link to AP credits in the course catalog.](#)

□ STEP 4 – Preparing to Register

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 from the drop-down, “2025 Fall Semester” and click “Continue.”
- You can look up courses by Subject or by Attribute, which are linked to our distribution requirements.



- Displayed results will tell you the CRN, 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-more seats might be opened prior to First Year registration in July.

□ **STEP 5 – Schedule Building Strategy**

Tips to strategically build your schedule:

- Make a list of the courses you need to register for
- Make a list of the courses you would like to register for
- Use the 'Plan Ahead' feature. It's on the same page as 'Browse Classes by Semester'. Use this to decide on the classes you know you're going to take. When registration time comes, you can just click on the plan you made and add those specific classes!
- Check if courses have pre-requisites (via catalog), or registration permissions (via course schedule)
- Determine which course(s), if any, you are absolutely required to take this fall.
- Register for courses with specific sections and the highest priority first.
- Next register for the course with the fewest available seats, and so on

□ **STEP 6 – Meet with your Advisor**

In early June, you will receive an email from your Academic Advisor, Andrea Goff, about registering for classes. **Be sure to check your Lehigh email daily.** Complete the Google form attached in that email. In this Google form you will:

- Upload a screenshot of your Plan Ahead
- Schedule a 30-minute Zoom meeting with Andrea to review your classes

Please do not wait until the last minute as appointments book up quickly.

Sample First Year Course Schedule

FALL (17.5)	SPRING (17)
<p>CSE 007 (4): Intro to Programming</p> <p>No prerequisites</p> <p>This class teaches Java, which is needed for most CSE classes. You don't need any prior programming experience. Take CSE 017 if you have AP credit.</p>	<p>CSE 017 (3): Programming and Data Structures</p> <p>Prerequisite: CSE 007</p> <p>Take CSE 109 if you already have credit.</p>
<p>MATH 021 (4): Calculus I</p> <p>No prerequisites</p> <p>Take MATH 022 if you have AP credit.</p>	<p>MATH 022 (4): Calculus II</p> <p>Prerequisite: MATH 021</p> <p>Take MATH 205 if you already have credit.</p>
<p>ECO 001 (4): Intro to Economics</p> <p>No prerequisites</p> <p>Take ECO 045 if you have AP credit.</p>	<p>ECO 045 (3): Statistical Methods</p> <p>No prerequisites</p>
<p>WRT 001 (3): Academic and Analytical Writing</p> <p>No prerequisites</p>	<p>MGT 043 (3): Organizational Behavior</p> <p>No prerequisites</p>
<p>BUS 001 (1): Foundations of Business</p> <p>No prerequisites</p> <p>CSB Lecture sections 117, 118 & 119</p> <p>Recitation section 100</p>	<p>Natural World (3)</p> <p>Natural World lab (1)</p>
<p>BUS 003 (1.5): Business Communication One</p> <p>No prerequisites</p>	<p>BZX 002 (0): Student to Professional Co-Curriculum</p> <p>Half semester course required by all incoming first year CSB students.</p>

Mathematics Courses and Calculus Placement Guidelines

The Computer Science and Business program requires that all students obtain credit for MATH 021, MATH 022, and MATH 205.

Introductory Calculus courses

There is a big difference between calculus study at Lehigh and calculus at most high schools. A solid high school precalculus course is a necessary background for calculus at Lehigh. Students need a strong foundation in functions and trigonometry to really thrive in calculus. Most students who take calculus in high school are accustomed to using a graphing calculator. Calculators are not permitted in exams or quizzes in Lehigh calculus classes. With different calculus sequences, the mathematics department can 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 (except those who receive AP or transfer credit) will be required to use an assessment provided by ALEKS, available beginning in June. Direct communication about ALEKS will be shared with all incoming students via their Lehigh email address.

ALEKS

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 you get ready for the Fall semester. After working through these modules, you can test again and improve your Calculus placement results. More details about ALEKS will be emailed out soon.

MATH 075: Calculus I, Part A. 2 credits, Fall semester only
ALEKS score of 61 or greater required.

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 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.

Calculus Courses for Students with AP, IB, or Transfer credit

MATH 021: Calculus I
semesters

4 credits, Fall & Spring

ALEKS score: 76 or greater

Course description: Functions and graphs; limits and continuity; derivative, differential, and applications; indefinite and definite integrals; trigonometric, logarithmic, exponential, and hyperbolic functions.

MATH 022: Calculus II

4 credits, Fall & Spring semesters

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.

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. No exceptions will be made.

The Mathematics Department offers an [anticipatory exam](#) for students who feel that they have mastered the material of MATH 021 or MATH 022 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 email the math department for information on the contents of this exam.

MATH 205: Linear Methods

3 credits

Who should take this course? For students with credit for MATH 021 and MATH 022. This is your last math class!

Course description: Linear differential equations and applications; matrices and systems of linear equations; vector spaces; eigenvalues and application to linear systems of linear equations. If the course is full you should plan to take an alternate course and take it in the spring 2026.

Should I take a Math course my first semester at Lehigh?

It's best to take math in the fall semester. Experience shows it is unwise to let too much time elapse between your last high school calculus or precalculus course and your first college calculus course at Lehigh. Additionally, many science courses have calculus pre- or co-requisites. For these courses, you must complete or enroll in the required calculus course before adding the science course to your schedule. Students with questions about Math or Calculus placement should contact [LU Math](#)

Advanced Placement

Please go to the [2025-2026 catalog](#) 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 or “B” 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.

CSB Tracks

We’ll preface this by saying that CSB tracks are NOT required! As you are advancing in your college career, you might realize what you want to specialize in, especially through your 9 credits of Professional electives. These were created to help students who already have a certain interest in an area. If you want to look into creating a track that isn’t already listed, talk to your Academic Advisor!

You can view the tracks on the [CSB website](#).

SMART NAVIGATION FOR Your Journey at Lehigh University

Compass is a mobile assistant that will guide you from orientation to graduation.

- View your class schedule
- Find your advisor
- Schedule appointments with faculty & staff
- Connect with your classmates via Study Buddies
- Easily find campus resources
- Stay on top of important dates & deadlines
- Get support through the “raise hand” feature

plus so much more!

To access **Compass**, download Navigate360 in the App & Android Store and search for Lehigh.



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