



Engineering & Applied Science Sample Schedule/Scheduling Guide

Below you will find some first-semester sample schedules for an engineering student. **Please keep in mind that these are only a few of the many variations** (based upon incoming AP or transfer credit and course choice) for the first-semester engineering curriculum (ENGR 005, ENGR 010, either a chemistry or physics course, a calculus course, and an English course).

NO AP OR TRANSFER CREDIT

Course	Course Title	Credits
ENGR 005	Introduction to Engineering Practice	2 credits
MATH 021	Calculus I	4 credits
PHY 011	Introductory Physics I	4 credits
PHY 012	Introductory Physics Laboratory I	1 credit
ENGL 001	Critical Reading and Composition	3 credits
	TOTAL:	14 Credits



CREDIT FOR ENGL 001 AND PHY 011/012

Course	Course Title	Credits
ENGR 005	Introduction to Engineering Practice	2 credits
ENGR 010	Applied Engineering Computer Methods	2 credits
CHEM 030	Introduction to Chemical Principles	4 credits
MATH 021	Calculus I	4 credits
ENGL 011	Literature Seminar for First-Year Students	3 credits
	TOTAL:	16 Credits

CREDIT FOR ENGL 001 AND ENGL 002

Course	Course Title	Credits
ENGR 005	Introduction to Engineering Practice	2 credits
PHY 011	Introductory Physics I	4 credits
PHY 012	Introductory Physics Laboratory I	1 credit



MATH 021	Calculus I	4 credits
ECO 001	Principles of Economics (or HU or SS course)	4 credits
	TOTAL:	15 Credits

Your schedule will look similar to the above samples. However, due to AP and/or transfer credit, you may be eligible to register for more advanced courses. The standard load for a first semester engineering student is 14-16 credits, with 17 credits being the maximum allowed in your first term.

ENGINEERING SCHEDULING GUIDE

The extensive course listing and variety of course meeting times may make scheduling seem overwhelming, but by following the tips below, you will be able to create a schedule that allows you to successfully begin your academic career at Lehigh!

Review the [sample schedules](#) on the [Engineering page](#) of the [First-Year Student Website](#) for an idea of the courses you should be registering for based on potential AP or transfer credit.

- Review the [Instructional Guides and Videos](#) on Registration & Academic Services' (RAS) website to learn how to browse for classes, use the Plan Ahead feature and actually register for your classes.
- Develop a few schedules with varying times! Although you may not get into your first class choice, we will make sure that you can register for the classes you need.



- Be sure to create a full-time (12 credit minimum) schedule with the primary classes you need. If necessary, you will be able to make changes to your schedule when you come to campus in the fall. The Add/Drop period extends through the 10th day of classes.

Note: If you were admitted to the Bachelor's to Master's Accelerated (4 + 1) Program, you will receive information regarding special course selection advising sessions for students intending on degree acceleration from Dr. Sabrina Jedlicka (ssj207@lehigh.edu).

In order to help ease the schedule building process, we recommend that you select courses in the following order:

(Note: This is only a guide to help you plan. You are not required to register in a specified sequence.)

1. Select a section of ENGR 005 - This course is required for all Engineering students and there are only two sections from which to choose.
2. Select a Math course - The initial math course in the engineering sequence is MATH 021. However, AP credit or the recommendation from the Mathematics Department may change which math course you take in fall.
 - a. The Mathematics Department uses a placement tool called ALEKS to assist in evaluating students' readiness for Calculus. You will receive information in your Lehigh email mid to late May regarding ALEKS.
 - b. Please reply promptly to the request to take the evaluation so we can send a math recommendation to you prior to registration in July.
 - c. More information about ALEKS is available on our Welcome Page.
3. Choose a science - CHM 030 or PHY 011 & 012. Labs on Tuesday, or Thursday afternoons will coordinate well with both sections of ENGR 005.

Special note to students considering a major in Bioengineering: You should not take Chemistry your first semester. Instead, you should register for PHY 011 & PHY 012 to set yourself up for the expected class schedule for spring semester.

4. If you selected CHM 030, we suggest that you should register for ENGR 010, too, as a way to manage your credit total as well. If you are taking PHY 011 & 012, you may take ENGR 010 in fall or you may choose to wait until spring to take it.



Special note to students considering a major in Bioengineering: You should not take Chemistry your first semester. Instead, you should register for PHY 011 & PHY 012 In the spring you will take BIOS 041 and BIOS 042, which you will need to take in the spring.

5. Schedule your English class - There are multiple sections of ENGL 001 available at varying times, so it will be easiest to fit this course into your plan once you've secured your other courses.

6. Students anticipating AP credit for courses mentioned above, should consider registering for ECO 001, which is required for all Engineering programs. (Refer to the [Engineering sample schedules](#) for more assistance with AP credit.)

If you have any questions about course selection, or anything, please do not hesitate to contact us at engineeringadvising@lehigh.edu.