
CAREER CHOICES FOR CHEMICAL ENGINEERS (CBE 20290)
University of Notre Dame, Spring 2022

Prof. Bill Schneider	web
wschneider@nd.edu, phone 574-631-8754	LinkedIn
DBRT 136, F 3:30-4:20	Zoom link

1 Your Career Choices

As you have undoubtedly already figured out, Chemical Engineering is a demanding major. Your courses will prepare you to solve complex technical problems of importance to society, to do so ethically, to work in teams, and to communicate effectively. Those skills can take your career in an almost unlimited number of directions. This course is designed to expose you to some of those many options and to provide some of the professional skills needed to pursue them. Specifically, the learning goals of this 1 credit course are:

1. to be exposed to chemical engineering career options, through interactions with alumni who have preceded you in this journey
2. to begin to discern options that are appealing to you
3. to develop professional networking and presentation skills that will help get you where you want to go

2 Format

The course will be conducted in person in 136 DBRT. Weeks 1-2 will focus on professional skill development. Weeks 3-14 will involve a series of virtual panel discussions with alumni of the department. Each panel will focus on one sector, such as pharmaceuticals, energy, foods, personal care, A group of students (you!) will introduce the topic and interview the visitors. Each of you will have a chance to participate in one of the panels.

Shared course materials available on [Google Drive](#) and on [GitHub](#).

3 Schedule

January 14	Introduction/Resumes/Handshake	LoriAnn Edinborough , Career Center
January 21	Interviewing	LoriAnn Edinborough , Career Center
January 28	Alumni Panel: Pharmaceuticals	student interviewer team
February 4	Alumni Panel: Chemicals	student interviewer team
February 11	Alumni Panel: Info Tech	student interviewer team
February 18	Alumni Panel: Consumer Goods	student interviewer team
February 25	Alumni Panel: Professional/Grad School	student interviewer team
March 2	Alumni Panel: Oil & Gas	
March 10	Spring Break	
March 18	Alumni Panel: Foods	student interviewer team
March 25	Alumni Panel: Entrepreneurship	student interviewer team
April 1	Alumni Panel: Energy/Renewables	student interviewer team
April 8	Alumni Panel: Biotech	student interviewer team
April 15	Good Friday	
April 22	Alumni Panel: Consulting	student interviewer team

[Google course calendar](#) [Panopto recordings](#)

4 Assignments

Due January 10	Career Reflection	
Due January 17	Interview questions	
Rolling basis	Career Panel	pdf
Due April 29	Final Reflection	

5 Grading

The course is graded S/U. To receive an S, you must complete all assignments.

6 Mental Health

Care and Wellness Consultants provide support and resources to students who are experiencing stressful or difficult situations that may be interfering with academic progress. Through Care and Wellness Consultants, students can be referred to The University Counseling Center (for cost-free and confidential psychological and psychiatric services from licensed professionals), University Health Services (which provides primary care, psychiatric services, case management, and a pharmacy), and The McDonald Center for Student Well Being (for problems with sleep, stress, and substance use). Visit <https://care.nd.edu>.

7 Professional courtesy

1. Arrive at each session on time, early if possible.
2. Turn your camera on. Make sure you are sitting up and acting professionally.
3. Dress appropriately.
4. Research the organization, the presenters' backgrounds, or industries. Be prepared!
5. You can ask questions through the chat or by unmuting yourself. Participate!
6. Say thank you... by unmuting yourself or following up with the alumni/speaker in an email.