

# The Secrets to Success in STEM

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FALL 2020

## COURSES

### College Connections

CH 199  
1 credit

### General Chemistry

CH 221 - WEB Course  
Core Education Science (>3)  
4 credits

### Elementary Functions

MATH 112  
4 credits

## CALENDAR

### First FIG Meeting

You will get to meet your FIG classmates, FIG Assistant (FA), and Faculty before classes start!

Check your FIG page in September to find out more details.

## ACADEMIC TEAM

### College Connections Professor

Julie Mueller  
Faculty Consultant, Teaching Engagement Program  
[jmueller@uoregon.edu](mailto:jmueller@uoregon.edu)

### FIG Assistant

Claire McKerrow  
[cmckerro@uoregon.edu](mailto:cmckerro@uoregon.edu)

## ABOUT THIS FIG

### College Connections

Want to succeed in college? You'll need study skills and overall habits you probably didn't develop in high school. Luckily, you can master all of them with a little practice. In this class you'll learn what works and why, and apply the skills to your math and science courses.

### General Chemistry

Chemistry is the study of matter and the changes that it undergoes. It is a science that is central to our understanding of the natural world and it serves as a foundation for all other scientific disciplines. The General Chemistry sequence, beginning with CH 221, is designed for science majors and pre-professional students, and provides an introduction to the experimental and theoretical foundations of chemistry. Students will gain factual knowledge about the terminology and language of chemistry as well as an understanding of the underlying reasons why chemical processes occur. They will be expected to interpret, reason and problem solve using fundamental chemical principles.

### Elementary Functions

This course discusses trigonometric functions on the unit circle and mathematical applications of trigonometric functions. Stress is placed on sine and cosine over other trigonometric functions. Other topics include solving right and non-right triangles, periodic functions, a more thorough treatment of inverse functions, and vectors from mathematical and physical science perspectives.

## NEXT STEPS

After you're registered for your FIG, you will want to check out the Meet Your FIG page (<https://fyp.uoregon.edu/fall-2020-figs>). This page will have everything you need to know before the beginning of fall term, including how to email your FIG Assistant, if you have a summer assignment, and when you will be meeting your FIG for the first time in September. In order to prepare for your coursework and be notified about important academic deadlines you will want to download the "Canvas" and "Navigate" apps to your phone or any device you will be using. If you have questions about anything, make sure you email your FIG Assistant – they are here to help!



Division of  
Undergraduate Education and  
Student Success



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FALL 2020

Secrets to Success in STEM					
	Monday	Tuesday	Wednesday	Thursday	Friday
10AM					
11AM					
12PM					
	MATH 112 14052	MATH 112 14052	MATH 112 14052	CH 199 11613	MATH 112 14052
1PM	GER 242 12:30pm-1:30pm	GER 242 12:30pm-1:30pm	GER 242 12:30pm-1:30pm	STB 245 12:30pm-1:30pm	GER 242 12:30pm-1:30pm
2PM					
<b>KEY</b>	Your FIG College Connections Class. Meet once a week with 20 peers, Faculty, and FIG Assistant (FA).		The lecture courses associated with your FIG.		Your discussion or lab section for lecture courses.

This FIG has an asynchronous remote class (which appears on the UO class schedule as “WEB”) that does not appear on this schedule. You are enrolled in all of the FIG classes, and can see them when you log on to Duckweb.

## ENROLLED IN A FIG AND CHANGE YOUR MIND?

Visit this link to find out the best way to make FIG changes for you: <https://fyp.uoregon.edu/register>