

Directed Group Study: Research Methodology & Graduate Preparation in STEM

DR. TINGRUI PAN, COLLEGE OF ENGINEERING - FALL 2020 REMOTE INSTRUCTION

Dr. Tingrui Pan has led the GREAT Program at UC Davis since 2009 providing future graduate students and aspiring scientists with real-world lab and research experience.

ENG 198 provides an opportunity to engage with UC Davis professors from different STEM departments. This new course focuses on developing the technical, communication, and critical thinking skills necessary to succeed in graduate programs and beyond. Learn from professors and experts in science and engineering fields about their ongoing research projects. Topics and assignments built around the culture of academic science will help students develop confidence as researchers, writers, and communicators of research while also building a network with faculty and professionals in their fields.

Course Highlights:

- Meet Prestigious UC Davis Faculty
- Learn how to prepare Grad School Applications
- Introduction to UCD Graduate Programs
- Introduction to Fellowships, awards, scholarships, grants
- Science Presentation Skills



"I would encourage anyone considering graduate school to get a head start on understanding science in an international context. Taking the initiative with a course like this will give the student experience with the culture of a top-tier American research university and would make a graduate application stand out from the rest."

- Tonya Kuhl

Professor and Chair, Dept. Chemical Engineering UC Davis

"This was my first experience doing research, and I felt the difference between . . . China and American culture. I found the program to be very helpful to apply to graduate school in the future."

- Qingsheng Ren

Zhejiang University

The course is also offered during all three quarters of the academic year:

-Fall Quarter, September 30 - December 18, 2020

-Winter Quarter, January 4 - March 29, 2021

-Spring Quarter, March 25 - June 10, 2021

English Proficiency Requirement:

TOEFL 71IBT/530 PBT or IELTS 6.5 CET4/CET6 accepted.

It will grant 2 UC Davis units and will cost \$2000 based on A Taste of Davis pricing.



For application and admission requirements please see:

<https://cie.ucdavis.edu/academic-and-research-programs/courses-designed-2020/eng-198-research-seminar>