



FLEX Research Methodologies Course (FRMC)

Spring 2022 | Level 1 (Health Sciences Research)

Instructor: Ethan Hutt

TA Sessions: Eric Park

- Section 1: Fridays (6:30 - 8 pm)
- Section 2: Saturdays (3:30 - 5 pm)

Course Description

FRMC helps students develop valuable research skills, gain competitive advantage when applying to future summer research programs and in applying to and succeeding in college!

- Select a specific area of research: Health Sciences, Business/Econ, Humanities.
- Ten video lectures on key research methodologies and skills (including readings & quizzes) by Professor Ethan Hutt.
- Weekly live TA sessions (Zoom/GMeets): Breakout sessions focused on the area of research.
- Student Time Commitment: 5-6 hours per week

Program Objectives

- Complete a 3-5 page research paper
- Present research and findings to an academic committee
- Receive a certificate of completion for the course
- Use research paper as the proposal for future research inquiry

Instructor Background: Ethan Hutt

- Assistant Professor at University of North Carolina, Chapel Hill School of Education
 - PhD in Education & MA in History from Stanford University
 - BA in History from Yale University.

Instructor Background: Eric Park

- 10+ years teaching tutoring students in Math and Science, as well as ACT and SAT.
 - 3 years teaching in the biomedical sciences and served as a peer mentor/tutor for under-resourced students in STEM.
 - Education: M.S. Kinesiology - CSU Northridge
 B.S. Physiological Science - UCLA

Course Schedule

Week	Video Release Date (Mon)	Lecture Topic	TA Section 1 (Fridays)	TA Section 2 (Sat)
1	January 31	What is research? What makes good research?	TA #1: 2/4 6:30 - 8 pm	TA #1: 2/5 3:30 - 5 pm
2	February 7	What makes a good research question?		
3	February 14	How to develop conceptual frameworks.	TA #2: 2/18 6:30 - 8 pm	TA #2: 2/19 3:30 - 5 pm
4	February 21	What counts as evidence?		
5	February 28	What counts as evidence? (Part II: On paradigms)	TA #3: 3/4 6:30 - 8 pm	TA #3: 3/5 3:30 - 5 pm
6	March 7	How to compare and assess competing research claims		
7	March 14	How to structure a literature review	TA #4: 3/18 6:30 - 8 pm	TA #4: 3/19 3:30 - 5 pm
8	March 21	Best techniques for making research-based arguments		
9	March 28	Identifying gaps in the existing literature	TA #5: 4/1 6:30 - 8 pm	TA #5: 4/2 3:30 - 5 pm
10	April 4	What makes a research project worth doing?		
11	Students submit Literature Review by April 11 (Mon) @ 11:59pm FLEX provides feedback on Literature Review by April 16 (Sa) @11:59pm			
12	Final Presentations Submitted by April 21 (Thu) @ 11:59pm Final Presentation to Committee: April 22-23 (Fri-Sa)			

Tuition: \$1,995

*Early Registration: 20% off by 12/31

For more information/register, please contact headstart@flexcollegeprep.com or call (408) 252- 7742.