



FLEX Research Methodologies Course (FRMC)

Spring 2021 | Level 1

Instructor: Ethan Hutt

TA Sessions:

- Health Sciences Track: Jay Zhang
- Business/Economics Track: Jung Suh

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.

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: Jay Zhang

- FLEX Director of Consulting Programs
- M.S Global Medicine from USC.
- BS Microbiology, Immunology and Molecular Genetics from UCLA

Instructor Background: Jung Suh

- M.S. Financial Engineering at Claremont Graduate University
- B.A. Business Economics at UC Irvine
- 2010 USAMO (USA Math Olympiad) Qualifier

Course Schedule

Week	Video Release Date	Lecture Topic	TA Session
1	Feb 1 (M)	What is research? What makes good research?	Feb 13 (Sa) 9:30-11 am
2	Feb 8 (M)	What makes a good research question?	
3	Feb 15 (M)	How to develop conceptual frameworks.	Feb 27 (Sa) 9:30-11 am
4	Feb 22 (M)	What counts as evidence?	
5	March 1 (M)	What counts as evidence? (Part II: On paradigms)	March 13 (Sa) 9:30-11 am
6	March 8 (M)	How to compare and assess competing research claims	
7	March 15 (M)	How to structure a literature review	March 27 (Sa) 9:30-11 am
8	March 22 (M)	Best techniques for making research-based arguments	
9	March 29 (M)	Identifying gaps in the existing literature	April 10 (Sa) 9:30-11 am
10	April 5 (M)	What makes a research project worth doing?	
11	Office Hours: April 13-17 Students submit Literature Review by April 18 (Su) @ 7pm		
12	FLEX provides feedback on Literature Review by April 24 (Sa) Students prepare for Final Presentations		
13	Final Presentations: April 29-May 1		

Tuition: \$1,995

Early Bird Discount 1: Register by 12/31 (\$200 off)

Early Bird Discount 2: Register by 1/16 (\$100 off)

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