Projet de recherche
APA 4500

Research project
APA 4100
Why do a research project?

• one of two obligatory courses for your degree (either Internship, or research project)
• gives you exposure to and understanding of each stage of the research process, from ideation to a finished product
• provides you with advanced undergraduate training in research skills related to a specialized topic
• a great way to figure out if you will be ‘turned on’ to research to consider pursuing a research-based master’s thesis
• a great way to build your CV if you are interested in pursuing graduate-level research and scholarships/funding for a master’s degree
• an experience where you can claim you had autonomy and responsibility in guiding a portion of research in a biophysical sciences/social sciences lab
How to start a research project?

- Assistant director must receive a completed sheet from the student (recommended that this be submitted by August 14, 2017)

- Assistant director verifies the integrity of the request and signs off for registration in APA 4100
How to start a research project?

• Pre-requisites:
  - completed 80 credits (be in 4th year), including APA 2180 - Research Methods in Human Kinetics

• Agreement with a Supervising Professor:
  - Figure out if your interests align with a professor’s
  - Approach professors to ask if they are taking on 4th-year students
  - Market your self, your work ethic, and your skills
  - Figure out what the experience will look like if you work with the professor
What does the research project look like?

Representation of Tasks for Biophysical Sciences

- Data Collection: 31%
- Data Analysis: 20%
- Report writing: 21%
- Results: 2%
- Presentation (conclusion): 2%
- General Training/Meetings: 6%
- Lit Review: 10%
- Synthesis of research questions: 3%
- Method: 5%
What does the research project look like?

Representation of Tasks for Social Sciences

- General Training & Meeting: 4%
- Lit Review: 15%
- Synthesis of research questions: 3%
- Method: 9%
- Data Collect: 13%
- Data Analysis: 15%
- Results: 6%
- Report writing: 29%
- Presentation (conclusion): 6%
3 credit course = 135 hours of assigned work

- Detailed breakdown of HOURS projected for EACH TASK

- Add TITLE of project

- Add a 150 word description of what you will be doing (the research question or area to be investigated)
Start early!

• Figure out if your interests align with a professor’s
  • RESEARCH IN ACTION; SHK WEBSITE; REFLECT ON COURSE EXPERIENCES
  • Ideal timeline (Now)

• Approach professors to ask if they are taking on 4\textsuperscript{th}-year students
  • RESEARCH IN ACTION; EMAIL and VISIT PROFESSORS’ OFFICE
  • HAVE A CV
  • KNOW WHAT IS ON YOUR TRANSCRIPT THAT IS ATTRACTIVE TO A SUPERVISOR (marks, courses)
  • Ideal timeline (Now until end of April)
Start early

• Market your self, your work ethic, and your skills
• Figure out what the experience will look like if you work with the professor
  • MEET AND CHAT WITH PROFESSOR; VISIT HIS/HER LAB; TALK TO HIS/HER STUDENTS
  • BE ABLE TO DESCRIBE THE AREA OF INVESTIGATION YOU WILL WORK ON
  • GET AN OVERVIEW OF THE TYPE OF TASKS YOU WILL PERFORM
  • Ideal timeline (Now until early June)

• Hand in completed Research Project form to Montpetit Room 240 with your signature and the professor’s signature
  — Recommended: by August 14th, 2017 (earlier, even better)
Le formulaire / The research project sheet