

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?

ÉCOLE DES SCIENCES DE L'ACTIVITÉ PHYSIQUE | SCHOOL OF HUMAN KINETICS

APA4500 - Projet de recherche | APPROBATION POUR L'INSCRIPTION au cours

uOttawa | L'Université d'Ottawa

APA4100 - Research Project | APPROVAL FOR REGISTRATION in the course

Pour pouvoir vous inscrire au cours APA 4500, vous devez avoir complété 80 crédits (être en 4 année) et avoir complété le pré-requis APA 2580 - Méthodes de recherche en sciences de l'activité physique.
 In order to be able to register for APA 4100, you need to have completed 80 credits (be in your 4th year) and have completed the pre-requisite APA 2180 - Research methods in Human Kinetics.

INFORMATIONS DE L'ÉTUDIANT(E) / STUDENT INFORMATION

NOM DE FAMILLE / LAST NAME | PRÉNOM / FIRST NAME

ÉTUDIANT / STUDENT

Avez-vous complété ou faites-vous présentement une étude dirigée (APA 4900)?
 Have you done or are you doing a directed study (APA 4900)? Oui / Yes Non / No

Si oui, quel est / était le sujet?
 If so, what is / was the topic of the directed study?

Nom du (de la) superviseur(e) qui a dirigé vos travaux pour APA 4900
 Name of your supervisor for APA 4900

- 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

INFORMATIONS - PROJET DE RECHERCHE / RESEARCH PROJECT INFORMATION

Tous les projets de recherche doivent inclure les sections suivantes: problématique, revue de littérature, question(s) de recherche, méthode, résultats et discussion, conclusion et recommandations. L'ordre de ces sections peut varier en fonction du paradigme de recherche utilisé. Le document final doit être rédigé en respectant le format «article scientifiques» d'une revue rattachée au thème abordé par l'étude. Le document final devrait être d'une longueur approximative de 20 à 25 pages. L'évaluation du cours APA 4500 est répartie comme suit:

- 50% pour le document final écrit en format «article scientifiques» qui rejoint le thème de l'étude. Cette composante est évaluée par le (la) superviseur(e).
- 20% pour les compétences de l'étudiant en tant que chercheur (éthique de travail adéquate, respect des échéanciers, débrouillardise, motivation, etc.). Cette composante est évaluée par le (la) superviseur(e).
- 5% pour la soumission d'un résumé par courriel pour la journée de recherche. Le chargé de cours sera responsable d'évaluer cette composante.
- 25% pour la présentation (orale ou sous forme d'affiche). La session des présentations aura lieu au mois d'avril pendant la session d'examen. Étudiant(e)s et professeur(e)s seront invités à prendre part à cette journée de recherche. Un(e) évaluateur(trice) externe (autre professeur(e) spécialiste du domaine de recherche de l'étude) sera responsable d'évaluer cette composante.

All research projects will include the following sections: research problem, literature review, research question(s), method, results and discussion, conclusion and recommendations. The order of these sections may vary depending on the research paradigm utilized. The final paper must be written in the format of a journal article for that discipline. Therefore, the paper should be approximately 20 to 25 pages. The course evaluation is as follows:

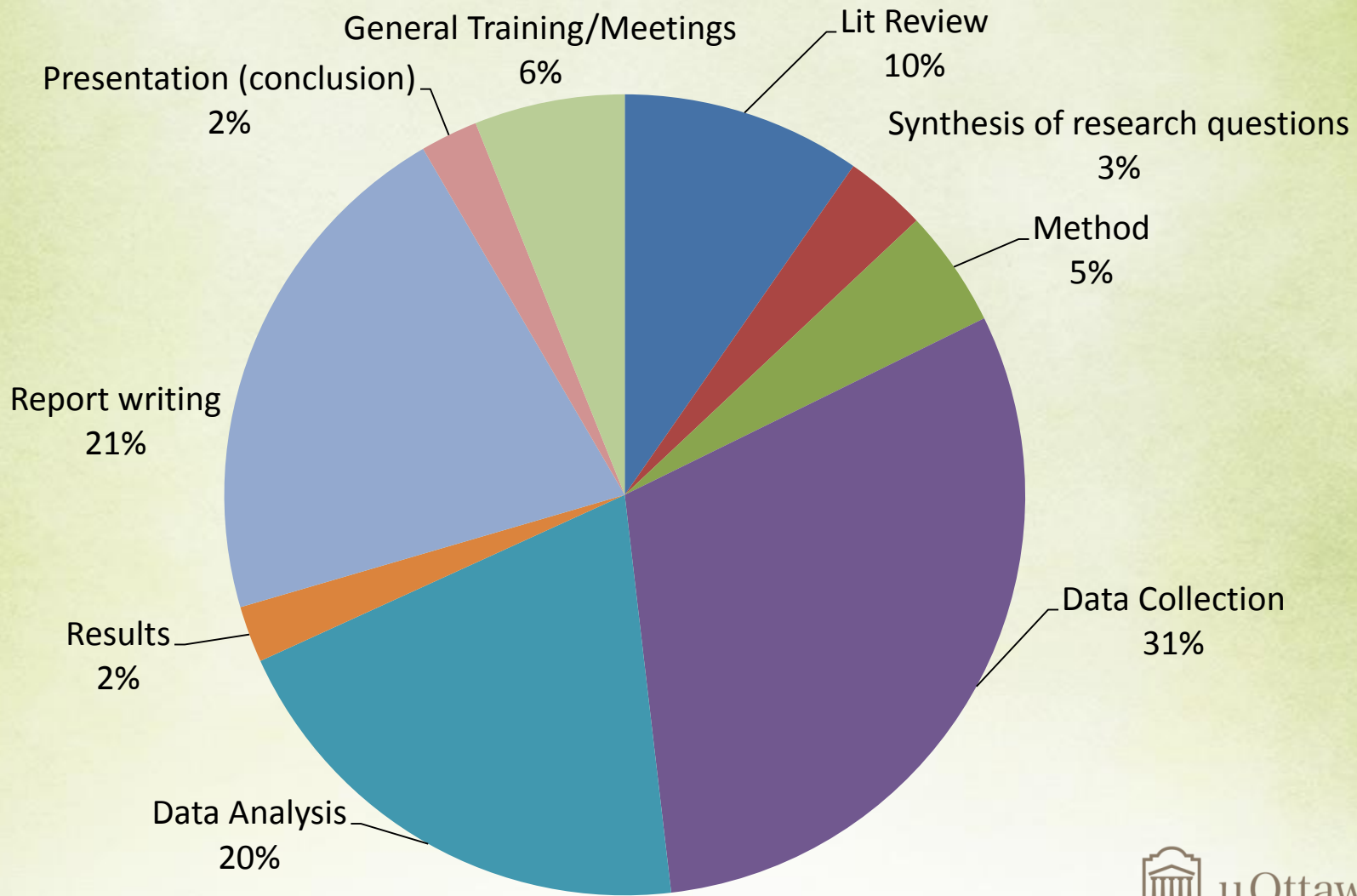
- 50% for the final paper written in the format of a journal article for that discipline. The research supervisor will mark this component.
- 20% for the competencies of the student as a researcher (work ethic, commitment, autonomy, respects deadlines, etc.). The research supervisor will mark this component.
- 5% for the abstract submission (by e-mail) for the presentations on research day. The course facilitator will mark this component.
- 25% for the presentation (poster or verbal). The presentations will be held on "Research Day" in April during the exam period. Students and professors will be invited to attend. An external evaluator (other professor from the discipline in which the research was performed) will mark this component.

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**

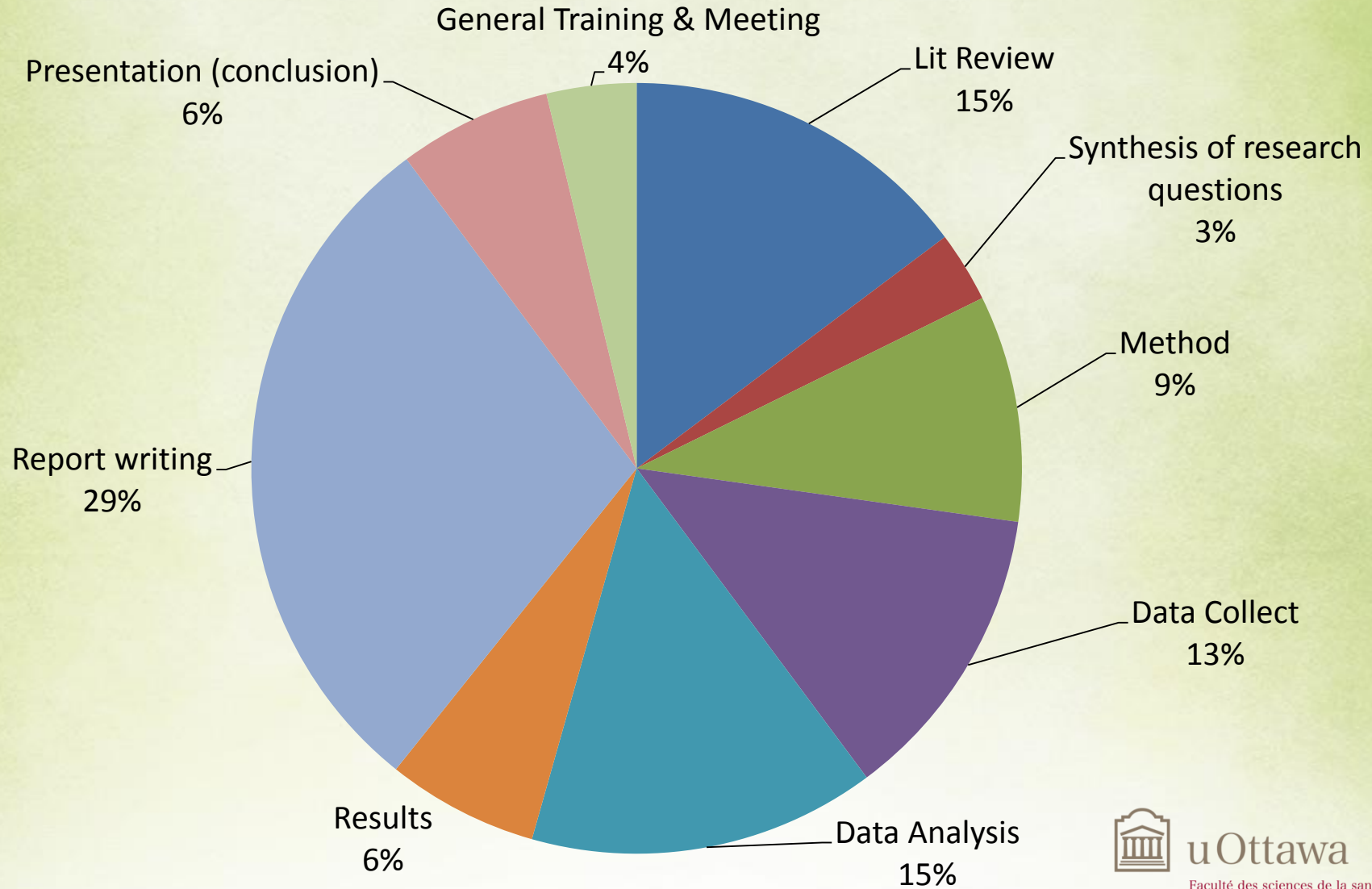
What does the research project look like?

Representation of Tasks for Biophysical Sciences



What does the research project look like?

Representation of Tasks for Social Sciences



3 credit course = 135 hours of assigned work

A REMPLIR PAR L'ÉTUDIANT(E) AINSI QUE PAR SON OU SA SUPERVISEUR(E)
TO BE COMPLETED BY THE STUDENT AND HIS/HER SUPERVISING PROFESSOR

Titre du projet de recherche:
 Title of the research project:

Breve description du projet de recherche:
 Brief description of the research project:

Approbation éthique déjà obtenue?*

Ethics approval already obtained?*

Oui / Yes Non / No N/A

*Si le projet de recherche requiert une approbation au comité d'éthique, l'approbation devrait déjà être obtenue pour le projet de recherche proposé. Si l'approbation n'a pas été obtenue, il en est de la responsabilité du (de la) superviseur(e) de faire en sorte que l'approbation du comité éthique soit obtenue avant le 1er décembre de l'année académique en question. Si cette condition n'est pas respectée, l'étudiant(e) doit débiter un autre projet de recherche. / If the research project requires ethical approval, ethical approval should already be obtained for the research project proposed. If ethical approval has not been obtained, it is the responsibility of the supervising professor to ensure that ethical approval is obtained before December 1st of the academic year. If it is not obtained by that point, the student must begin another research project. All research projects should involve students in the entire research process.

Un cours de 3 crédits devrait comporter environ 135 heures de travail (1 crédit = 45 heures de travail)
 A 3 credit course is expected to be approximately 135 hours of work (1 cr = 45 hours of work)

Fournir l'analyse détaillée des heures requises pour terminer les différentes composantes du projet de recherche.
 Provide a detailed breakdown of hours required for the completion of each component of the research project

APPROBATION / APPROVAL

Signature de l'étudiant(e)
 Student signature

Signature du (de la) superviseur(e)
 Supervising Professor Signature

Date

Date

- 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 4th-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

<http://sante.uottawa.ca/formulaires/APA4100-4500-2.pdf>

