

Psych 389, Social Science Advanced Research Methods, Developmental Psychology  
Psych 393, Research in Developmental Psychology  
Fall 2019, Tuesdays & Thursdays, 2:30-3:50 pm, PAS4032

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**Office Hours.** To set up an appointment please email.

**Course Description.** This course is designed to help you develop key skills used by researchers in developmental psychology and in psychology more broadly. Many of these skills are also useful in non-academic contexts. The course is designed to be driven by your own interests and you will gain experience asking research questions, designing studies, conducting literature searches, collecting and interpreting data, and presenting findings.

**How to Succeed.** Attend class, be engaged, and complete the assignments.

**Readings.** Some optional reading and links will be uploaded to LEARN.

### **ASSIGNMENTS & OTHER REQUIREMENTS**

**A1. Self-assessment & skills background.** Due Sep 10th at 5pm (2%, all-or-none).

**A2. Observation in ECEC & Reflection paper.** Observe children's free play in the ECEC (Sep 16-18) and then write a reflection paper (400 words maximum). The paper is due Sep 19 (4%).

**A3. Methods & Results presentation.** Present the *Methods* and *Results* from one experiment on Sep 24 & 26 (10%). 4 minutes per presentation + extra time for questions.

**A4. Observational study & poster presentation** (15%). Collect observational data. Then create and present a poster.

1. Observe children at the ECEC (Oct 2-4; Oct7-11).
2. Create a poster (upload to LEARN by Oct 22, beginning of class)
3. Poster sessions, Oct 22 & 24.

**A5. Article presentation** (15%). Present a research article in a 15 minute presentation. You need to reserve an article by Oct 22. To do so, check [here](#) to see if someone else has already chosen it. If it's still free, check with me to see it's suitable. If it is, use this [form](#) to reserve it.

**A6. Final project** (44% overall). Design, conduct, and write-up an experiment.

1. Conduct experiment on members of class (Nov 12 & 14) and fake data from kids.
2. First draft of paper due Nov 26 by midnight.
3. Reviews of 2 rough drafts, due Nov 28 by 7pm. Max 2 pages/review (4%, i.e. 2% each).
4. Final draft. Max pages = 10; worth 40%; due Dec 10 by 5pm.

**Participation** (10%). Includes attendance + contributions to class discussions (e.g., after presentations).

## COMPLETING & SUBMITTING ASSIGNMENTS

-Upload written assignments as .doc, .docx, or .rtf files. Use 12pt Times New Roman font, double spaced, with all margins set at 1 inch (2.54 cm). Page/word limits *do not* include titles or title pages, abstracts, figures, tables, or reference sections.

-Many assignments require you to use APA (American Psychological Association) format as described in the 6th edition of the APA Publication Manual (2010). A “mini-manual” has been uploaded to LEARN

-Unless otherwise specified, files should be uploaded to LEARN before class on the date due. Please double-check that your file is uploaded correctly!

-Save your work often, e-mail it to yourself as an attachment as a backup, and please don't leave it until the night before or the due date. Broken printers, hard-drives failures, computer crashes are not excuses.

-Unless you have an appropriate doctor's note, a death in your family (or equally severe situation), extensions for late assignments will not be given. Instead, late assignments will receive a maximum grade of 50%.

## COURSE OUTLINE

Sep5	Introduce selves & describe potential interests; assign A1.
Sep10	A1 due. Assign A2 ECEC Observation+Reflection. Tips on writing & finding topics.
Sep12	Cover skills related to A1
Sep17	Experimental design, devil's advocates, & oral presentations. Assign A3 Method & Result presentations
Sep19	Tips on writing and introducing topics. A2 due
Sep24	A3 Method & Result presentations
Sep26	A3 Method & Result presentations
Oct1	Discuss observational studies. Assign A4, and form groups of 2-3
Oct3	Writing papers; other skills; choosing articles to present
Oct8	Writing papers; other skills; choosing articles to present
Oct10	Writing papers; other skills; choosing articles to present
Oct15	READING WEEK ** NO CLASS **
Oct17	READING WEEK ** NO CLASS **
Oct22	A4 is due. All posters must be uploaded by class time. A4 poster presentations, part 1.
Oct24	A4 poster presentations, part 2.
Oct29	Advice on designing experiments for A6; More on writing papers
Oct31	A5 paper presentations 1/8
Nov5	A5 paper presentations 2/8
Nov7	A5 paper presentations 3/8
Nov12	Everyone administers experiments on everyone else
Nov14	Everyone administers experiments on everyone else
Nov19	A5 paper presentations 4/8
Nov21	A5 paper presentations 5/8
Nov26	A5 paper presentations 6/8; 1st draft of A6 paper due
Nov28	A5 paper presentations 7/8; Anonymous reviews due (2 per person) & given to authors.
Dec3	A5 paper presentations 8/8; [***A6 final paper due on Dec 10***].

**Cross-listed course (requirement for all Arts courses).** Please note that a cross-listed course will count in all respective averages no matter under which rubric it has been taken. For example, a PHIL/PSCI cross-list will count in a Philosophy major average, even if the course was taken under the Political Science rubric.

**Academic Integrity.** In order to maintain a culture of academic integrity, members of the University of Waterloo are expected to promote honesty, trust, fairness, respect and responsibility. Check the [Office of Academic Integrity website](#) for more information.

**Discipline.** A student is expected to know what constitutes academic integrity to avoid committing an academic offence, and to take responsibility for his/her actions. [Check the [Office of Academic Integrity](#) for more information.] A student who is unsure whether an action constitutes an offence, or who needs help in learning how to avoid offences (e.g., plagiarism, cheating) or about “rules” for group work/collaboration should seek guidance from the course instructor, academic advisor, or the undergraduate associate dean. For information on categories of offences and types of penalties, students should refer to [Policy 71, Student Discipline](#). For typical penalties, check [Guidelines for the Assessment of Penalties](#).

**Grievance.** A student who believes that a decision affecting some aspect of his/her university life has been unfair or unreasonable may have grounds for initiating a grievance. Read [Policy 70, Student Petitions and Grievances, Section 4](#). When in doubt, please be certain to contact the department’s administrative assistant who will provide further assistance.

**Appeals.** A decision made or penalty imposed under [Policy 70, Student Petitions and Grievances](#) (other than a petition) or [Policy 71, Student Discipline](#) may be appealed if there is a ground. A student who believes he/she has a ground for an appeal should refer to [Policy 72, Student Appeals](#).

**Accommodation for Students with Disabilities.** Note for students with disabilities: [AccessAbility Services](#), located in Needles Hall, Room 1401, collaborates with all academic departments to arrange appropriate accommodations for students with disabilities without compromising the academic integrity of the curriculum. If you require academic accommodations to lessen the impact of your disability, please register with [AccessAbility Services](#) at the beginning of each academic term.

**Mental Health Support.** All of us need a support system. The faculty and staff in Arts encourage students to seek out mental health support if they are needed.

### **On Campus**

- Counselling Services: [counselling.services@uwaterloo.ca](mailto:counselling.services@uwaterloo.ca) / 519-888-4567 ext. 32655
- [MATES](#): one-to-one peer support program offered by Federation of Students (FEDS) and Counselling Services
- Health Services Emergency service: located across the creek from Student Life Centre

### **Off campus, 24/7**

- [Good2Talk](#): Free confidential help line for post-secondary students. Phone: 1-866-925-5454
- Grand River Hospital: Emergency care for mental health crisis. Phone: 519-749-4300 ext. 6880
- [Here 24/7](#): Mental Health and Crisis Service Team. Phone: 1-844-437-3247

- [OK2BME](#): set of support services for lesbian, gay, bisexual, transgender or questioning teens in Waterloo. Phone: 519-884-0000 extension 213

Full details can be found online on the Faculty of Arts [website](#)

Download [UWaterloo and regional mental health resources \(PDF\)](#)

Download the [WatSafe app](#) to your phone to quickly access mental health support information