SWIFT THINKING
UNDERGRADUATE PSYCHOLOGY NEWSLETTER

Spring 2020

PLANNING FOR SPRING 2020

A table showing our course offerings for Spring 2020 is available online. The table includes information on meeting days and times. In addition, it indicates which major and minor requirements each course can fulfill, whether a course is available for pre-registration, and whether you need permission to enroll.
Please check this table and the [Registrar's website](#) for updates.

Pre-registering for Spring Courses

The Psychology Department will offer pre-registration through CAESAR for most of our Spring Quarter courses the week prior to regular registration. All students listed as psychology, cognitive science, or neuroscience majors or minors in the Registrar's system should be able to pre-register through CAESAR for these courses. The only courses not available for pre-registration for Fall Quarter are the PSYCH 101, PSYCH 110, and the PSYCH 397/398/399 research courses.

Pre-registration times are announced by the Registrar's Office. Students can pre-register for a maximum of <u>two</u> courses.

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Wait Lists

Psychology courses are very popular and they often close during registration. If a course you want to take has closed, use the electronic wait list function on CAESAR. As students drop the course, we will check the electronic wait list and send permission numbers to students to enroll.

Wait lists will be monitored until the last business day before classes begin. Students will then need approval from the course instructor to be added to a course during the first week of classes.

UNDERGRADUATE ADVISING IN PSYCHOLOGY

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Department advisers are available to talk with undergraduates about major and minor requirements, course selections, career choices, and how to plan an undergraduate program that will best prepare you for whatever you might do next. They are also good resources for learning about research opportunities in our department. You should see an adviser to complete your official Graduation Petition, which needs to be filed at the Registrar's Office one year before your expected graduation date (typically in Spring Quarter of your junior year).

The current department advisers for Psychology students are:

Sara Broaders

Benjamin Gorvine

Dan McAdams

Ginger Pennington

David Smith

To make an appointment, call 847-491-5190, stop by the department office, Swift Hall Room 102, or send an email to psych-advising@u.northwestern.edu

Registering for PSYCH 205-Research Methods

Students listed in CAESAR as majoring or minoring in psychology, cognitive science, or music cognition may pre-register for PSYCH 205. Make sure you have the statistics prerequisite or an allowed substitution before you enroll. You **may not** take both PSYCH 205 and the statistics prerequisite during the same quarter. Your records will be evaluated for this requirement and you will be asked to drop the course if you have not completed it. Once regular registration begins, any student with the statistics prerequisite may enroll.

RESEARCH COURSES REQUIRING DEPARTMENT AND INSTRUCTOR PERMISSION:

PSYCH 397-1, 397-2, 398, and 399

A great way to learn more about psychological research is to become actively involved in research activities through PSYCH 399-Independent Study or the two-quarter PSYCH 397-Advanced Supervised Research series. This is especially valuable for students considering graduate study in psychology and it can be an educational and enjoyable experience for others as well.

PSYCH 397 and 399

You can count at most 1 quarter of 397-1 or 399 toward the major. You cannot count both courses toward the major requirements. PSYCH 205-Research Methods in Psychology is a prerequisite for PSYCH 397. The second quarter of the Advanced Supervised Research sequence, PSYCH 397-2, fulfills the upper-level research requirement for the psychology major. For more information on 397 and 399, including the differences between them, how they count toward requirements, and tips on finding a research adviser, see our webpage on "Research for Course Credit."

To enroll in PSYCH 397 or PSYCH 399, download the application, fill it out, and have it signed by the professor with whom you will be working. Then, take the signed application to the psychology department office, Swift 102, and a student-specific permission number will be generated. Please note that you must turn in your application and register for the course through CAESAR **before April 3, 2019.**

We cannot guarantee that an application submitted on the final day of the add period will be accepted

PSYCH 398-Senior Honors Seminar

Students who will take PSYCH 398-Senior Honors Seminar next quarter will require permission to enroll. The course will be set up in CAESAR so that only those on the list provided by Dr. Daniel Molden, the Honors Coordinator, will be able to register for the course.

SPECIAL COURSES FOR SPRING QUARTER 202

Psych 310: Special Topics: Identity and Motivation
Professor Mesmin Destin

The discussion-based course focuses on the connection between conceptions of the self and goal-oriented motivation, with particular attention devoted to the influence of social, structural, and cultural forces. The first segment of the term will cover classic theoretical work concerning the self and identity. Next, we will consider the relevance of a variety of social influences on identity and motivation. Finally, the course will close with a survey of contemporary identity-based intervention research and practical applications relating to trends in social inequalities, including education and health. Prior completion of an introductory or higher level course in Psychology is required to enroll.

Psych 350: Special Topics: Using R for Analysis
Professor William Revelle

R is open source statistical system that has become the lingua franca of statistical data analysis. R is both a statistical system for processing data using traditional and modern statistics and a programming language for developing new methods. This course will introduce you to R with an emphasis in using R for psychological research. Time will be spent using standard R packages for data analysis including regression, factor analysis, test construction, and multilevel modeling. Students will be introduced to the fundamentals of programming in R and will be shown how to modify existing packages to be more useful for their own work. No prior experience in programming is required, although a willingness to learn is essential.

Psych 390: Advanced Seminar in Personality, Social, or Clinical Psychology: Science and Pseudoscience in Clinical Psychology
Professor Sara Broaders

We will explore a number of practices, beliefs, and diagnoses related to clinical psychology, some of which have a sound scientific basis and some of which are purely pseudoscience. One of our primary goals will be to understand the difference between these two categories of practices/beliefs and the foundations upon which they rest. Among the topics we may cover are: Various specific models of therapy (e.g. CBT, Client-centered therapy, psychoanalysis); Hypnosis; Dissociative identity disorder; Forensic interview practices; Forensic assessment measures; Projective personality tests; Recovered memories and theories of repression; Facilitated communication for people with autism; Attachment therapy; Treatment of Anti-Social Personality Disorder; Treatments for antisocial youth; Dream interpretation; Regression therapy; Biological treatments for depression; Conversion disorders and their treatment; Flow and creativity; Assessment of future risk

Prerequisites: Psych 205 – Research Methods (required) AND Psych 303 – Psychopathology (strongly recommended)

This course fulfills the upper-level research requirement for the major.

REMINDER: COURSE NUMBER UPDATES (EFFECTIVE FALL 2019)

Some course numbers have been changed as of Fall 2019. The requirements are unchanged for majors and minors. If you have any questions, please contact psych-advising@u.northwestern.edu, or come to Swift 102. A list of all the updated course numbers is on the last page of this document.

PETITION TO GRADUATE

All Northwestern undergraduates must complete and submit Graduation Petitions **one year prior to their intended graduation date**. The latest to submit the petition is two quarters before you anticipate graduating (e.g., before the end of Fall quarter if you expect to graduate in Spring quarter, and during Spring quarter if you plan to graduate in Fall quarter). To complete your Graduation Petition, set up an appointment with one of the department advisers by emailing psych-advising@u.northwestern.edu or see the Undergraduate Program Assistant in the department office (Swift 102, 847-491-5190). Be sure to bring a copy of your CAESAR Academic Requirements report to the meeting with the adviser.

Completing your Graduation Petition on time ensures you are on appropriate graduation lists and that you, your adviser, and the Registrar's Office agree on what requirements you have left to complete. It also provides an opportunity to talk about your experiences in the department thus far and your plans for the coming year and beyond.

You can read more about the petition process, including submission deadlines and access petition forms, on the Registrar's website. A good place to start is the Registrar's Graduation Page.

STATISTICS TUTORIAL RESOURCE AVAILABLE

All majors and minors have been invited to a Canvas course with Statistics Tutorials for Psychology students. It currently has video tutorials on most of the topics covered in Psych 201 – Statistics, more advanced topics, as well as some videos on using SPSS.

If you have not been added but would like to access the resources, contact psych-advising@u.northwestern.edu. Provide your NetID and request to be added to the Statistics Canvas page.

UNDERGRADUATE PSYCHOLOGY ASSOCIATION (UPA) NEWS

Consider joining the Undergraduate Psychology Association (UPA) at Northwestern, a group of students who share a passion in exploring Psychology! All majors are welcomed to join. UPA sponsors academic, career-oriented, and social events during the school year. The primary goals are to help undergraduates learn more about psychology in a non-classroom setting, foster student-faculty communications, and facilitate the awareness of professional opportunities related to psychology. Come out to one of our upcoming events to learn more and get involved--there will always be free food! Please feel free to check us out at upanorthwestern.weebly.com for more information or you can visit the UPA Facebook page (NU Undergraduate Psychology Association). If you would like to be added to the UPA listserve and stay up to date on all things psychology at NU, simply send an e-mail to upa.northwestern@gmail.com.

PSYCHOLOGY STUDENTS AND CHICAGO FIELD STUDIES

Are you thinking about doing an internship in some area that interests you? Many psychology students do internships for academic credit through Northwestern's Chicago Field Studies program. Internships are available with a wide range of Chicago-area businesses and organizations—organizations focused on mental health, education, and other social services, legal and environmental organizations, financial services, health clinics, start-ups, and market research groups, among others. For more on options for psychology students, including a list of sites where psychology students have interned, see our webpage on Psychology and Chicago Field Studies and Chicago Field Studies' website.

Getting practical, hands-on experience in fields you find intriguing can help you see links between your academic studies and real-world issues. It is a good way to learn more about which career paths might be best for you. In addition, it can become a valuable credential when you apply for a job or for graduate study. Keep in mind that many work experiences not labeled as "internships" provide similar opportunities and benefits. See our webpage on Internships and Volunteering for more information and ideas.

AWARDS FOR UNDERGRADUATES

Northwestern University Undergraduate Research Grants Program

URG offers Academic Year Grants (up to $1000) and Summer Grants ($3500) to undergraduates pursuing independent research projects. The deadline for Summer Grants is Friday, March 13th, 2020. More information is available from the **Office of Undergraduate Research.** Under faculty supervision, URG winners immerse themselves in novel scholarly projects in the laboratory, the library, or the studio, on campus and around the world. All undergraduate students are eligible for these grants.

The Psychology Department Undergraduate Travel Award

The Psychology Department has an award to fund student travel to professional conferences. The Undergraduate Travel Award provides funds to students who are majoring in psychology to support them in presenting their work at conferences.

The money can be used to pay for conference fees and travel expenses. Preference will go to students who are listed as first author on the presentation. Applications will be considered on a rolling basis. Please submit your applications via e-mail to Professor Sara Broaders, Director of Undergraduate Studies, at s-broaders@northwestern.edu. Put "Undergraduate Travel Award" in the subject line of the email. In the email, include the following information:

Name
Class (e.g., sophomore, junior, senior)
Name of conference
Conference location
Dates of conference
Title of presentation
Author/s on presentation (in order)
Abstract of conference presentation (250 words or less)

In addition to providing this information, please ask your faculty sponsor to write a brief letter of recommendation describing your role in the research. This letter can be emailed to Professor Broaders as well. Please ask your faculty sponsor to put "Undergraduate Travel Award" in the subject line.

Funds for Summer Research

It's not too soon to start thinking about summer – and about the possibility of spending your summer doing research in our department. Each year the Psychology Department offers two or more undergraduates a Benton J. Underwood Summer Research Fellowship. Professor Underwood was chair of the Psychology department and a distinguished researcher in the field of memory. He worked to establish the fund that makes these fellowships possible.

Acceptance of an Underwood Fellowship implies a commitment to spend most of your summer working on research here at Northwestern with a Psychology professor. Your exact schedule will be worked out with the professor who supervises your research. Both current juniors and current sophomores can apply for this award, but priority will be given to current juniors. Work on an Underwood project often serves as the foundation for a senior honors project. Receipt of an Underwood fellowship does not guarantee acceptance to our Honors program.

If you are interested in doing research this coming summer, you should look into other funding sources, too. All Underwood applicants should also apply for a [Northwestern University Summer Research Grant](#) from the Provost's Office. [Weinberg College also offers funds for summer research by students](#). Different funding sources have different selection criteria, and applying to more than one will enhance your chances of receiving an award.

To apply for an Underwood Fellowship, follow these steps:

Choose a faculty member to supervise your research and talk with him or her about what you will be doing and what your time commitment will be. You should also talk with the faculty member about the need for Institutional Review Board approval for your planned project.

Prepare an application in which you include (a) a statement describing your plans for this research – this can be the same proposal you submit to the university's grants committee; (b) a copy of your transcript (an unofficial transcript is fine); and (c) information about your general interests in psychology, your relevant course work, your previous research experience, and anything else that you think is relevant.

Have the faculty member who will supervise your research write a confidential letter of support for your application.

Send your application and letter of support to the Director of Undergraduate Studies, Professor Sara Broaders at s-broaders@northwestern.edu by Friday, March 13, 2020. This is also the deadline for submitting summer grant applications to the University's Undergraduate Research Grants Committee.

UPDATED COURSE NUMBERS

COLUMN A (social/personality/clinical)			COLUMN B (cognitive/neuroscience)			COLUMN C (cross-cutting/integrative)		
Row 1-Foundation Courses. Prerequisites other than Psych 110 are shown in parentheses.								
New #	Old #	Course Title	New #	Old #	Course Title	New #	Old #	Course Title
213	204	**Social Psychology**	221	212	**Introduction to Neuroscience (1 biology course recommended)**	244	218	**Developmental Psychology**
215	215	Psych of Personality				245	245	Presenting Ideas and Data
303	303	**Psychopathology**	228	228	Cognitive Psychology	248	248	**Health Psychology**
306	306	Intro to Clinical Psych (303)	322-1, 2	312-1, 2	**Selected Topics in Neuroscience & Psychophysiology (1 biology course for 312-1; 312-1 for 312-2; 205 recommended)**	249	249	Buddhist Psychology
308	376	**Cognitive Behavior Therapy (303)**				340	340	**Psychology & Law**
						341	341	Positive Psychology
310	315	Special Topics in Social, Personality, or Clinical Psychology				342	342	**Evolutionary Psychology**
			324	324	Perception	343	343	Psychology of Beauty
311	385	**Psychology of Attitudes (213)**	327	365	**The Brain & Cognition**	344	344	**Cultural Psychology**
			328	361	Brain Damage & the Mind (110 or 221 or CogSci 210)	348	339	Psychology of Gender
313	384	Relationship Science	330	316	**Special Topics in Cognitive Psychology or Neuroscience**	350	314	**Special Topics in Psychology (prereqs vary)**
317	n/a	**The Holocaust: Psychological Themes & Perspectives**	333	333	Psychology of Thinking (228)	354	323	Deception: Processes & Detection
			336	336	**Consciousness (1 course in cognition and/or neuroscience; 205 recommended)**	356	332	**Native Americans & Envir. Decision Making**
			338	346	Psychology of Instructional Design & Technology (205 recommended)			
			210	210	**Cog Sci 210 Language & the Brain**			
			211	211	Cog Sci 211 Learning, Representation, & Reasoning			
Row 2-Upper-level Research Courses. **PSYCH 205 IS A PREREQUISITE FOR ALL UPPER-LEVEL RESEARCH COURSES.** Additional prerequisites are in parentheses.								
360	371	**Personality Research (215)**	370	362	**Cognitive Development (244 or 228)**	380	351	**Advanced Statistics & Experimental Design (two 200-level math courses)**
364	326	Social & Personality Development (1 of the following: 213, 215, 244)	372	334	Language & Cognition (228 or Cog Sci 211)	381	381	Children & the Law (244)
366	386	**Stereotyping & Prejudice (213)**	373	335	**Decision Making (228)**	383	352	**Psychology and Food**
367	377	Child Psychopathology (244 or 303)	374	368	Human Memory (328 or consent of instructor)	387	387	Consumer Psychology and Marketing Research
369	375	**Psychological Tests & Measures (1 of the following: 213, 215, 303)**	378	363	**Images of Cognition (1 course in cognition and/or neuroscience)**	392	359	**Advanced Seminar in Psychology (prereqs vary)**
390	357	Advanced Seminar in Personality, Clinical, or Social Psychology (prereqs vary)	379	321	Neuroscience & Behavior Lab (322-2; Physics 135-2 recommended)			
			391	358	**Advanced Seminar in Cognition or Neuroscience (prereqs vary)**			

RESEARCH COURSES THAT COUNT TOWARD THE MAJOR:

Row 1-Foundation Courses (You can count at most 1 quarter of 397-1 or 399 toward the major. You cannot count both courses)
- 397-1 Advanced Supervised Research (205)
- 399 Independent Study

Row 2-Upper-level Research Courses (You can count at most 1 quarter of 397-2 toward the major.)
- 397-2 Advanced Supervised Research (397-1 w/ same professor)
- 398-1,2,3 Senior Thesis Seminar (by invitation; apply in Spring of junior year)