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LaGrange College

Course Catalog - Psychological Science

B.A. in Psychological Science - B.A. in Psychological Science

Type:Major

In addition to completing the Ethos curriculum requirements, students pursuing a major in Psychological Science must complete the following major program requirements.

1. Introductory Courses (all required)
 - [PSYC 1101](#)
 - [PSYC 1005](#)
 - [PSYC 1006](#)
2. Methods (all required)
 - [PSYC 2200](#)
 - [PSYC 2298](#)
 - [PSYC 2299](#)
3. Experimental Content (choose 2)
 - [PSYC 4455](#)
 - [PSYC 4465](#)
 - [PSYC 4470](#)
4. Social/Personality/Development Content (choose 3)
 - [PSYC 3302](#)
 - [PSYC 3321](#)
 - [PSYC 3350](#)
 - [PSYC 3358](#)
 - [PSYC 3360](#)
5. Senior Capstone: [PSYC 4901](#)
6. Major Electives (12 hours). An additional 12 hours of major courses will be selected by the student.
 - A student may select any 3000- or 4000-level Psychology course beyond those counted in the required areas.
 - A maximum of two (2) of the following courses— [SOCI 2500](#), [SOCI 3500](#), [BIOL 2148](#), [BIOL 3373](#), [BIOL 3374](#), [BIOL 3384](#), and [EXCS 3305](#)—may be applied toward the major with the approval of the advisor.
 - Students pursuing a double major in Psychological Science and Nursing may use [NURS 3400](#) as well.

Notes:

1. [PSYC 1101](#), Introduction to Psychology, is the prerequisite or co-requisite to other Psychology courses. Some courses also have additional prerequisites. This course should be taken first.
2. Since the program faculty views psychology as a research-based discipline, these courses provide the foundation for much of the upper-level coursework. It is strongly recommended that the student complete [PSYC 2298](#) and [PSYC 2299](#) as soon as possible after beginning the major. We suggest that [2200](#) is taken sometime after [2298](#) but before Senior Capstone.

Miscellaneous

No course with a grade below “C-” may be applied toward the major in Psychology. The only exception is [PSYC 4000](#), in which a grade of Pass must be obtained. Additionally, a student must maintain a “C” average (2.0) in the major in order to graduate.

Recommended Progression

Students who are interested in the B.A. in Psychological Science can review the following four-year course plans, depending on the entering required mathematics course.

[BA in Psychological Sciences \(MATH 0100\)](#)

[BA in Psychological Sciences \(MATH 1101\)](#)

Minor in Psychological Science - Minor in Psychological Science

Type:Minor

A minor in Psychology consists of eighteen (18) hours, one of which must be [PSYC 1101](#). Any Psychology (PSYC) course that is listed in the current bulletin counts toward the minor. A maximum of two (2) of the following courses— [SOC 2500](#), [SOC 3500](#), [BIOL 2148](#), [BIOL 3373](#), [BIOL 3374](#), [BIOL 3384](#), and [EXCS 3305](#)—may be applied toward the minor with the approval of the advisor. Students pursuing a Nursing major may use [NURS 3400](#) as well.

At least six credit hours of coursework must be at the 3000-level or higher.

Path to Art Therapy

Art therapy is a career that uses art, the creative process, and resulting artwork to explore a variety of psychological and emotional issues. Students wanting to pursue this path should major in Art and Design in order to complete the number of student credit hours required of most graduate programs. Then they should either minor in Psychological science or pursue a double major. Regardless, students interested in this path should take the following courses: [PSYC 1101](#), [PSYC 3302](#), [PSYC 3358](#), [PSYC 3350](#), and [PSYC 4460](#). It would be helpful to also take [PSYC 2298](#) and [PSYC 2299](#), as the graduate program will have research requirements.

Path to School Counseling

School Counseling utilizes counseling techniques in school settings. Professionals also have training in planning for college and student success. Students wanting to pursue this path should major in Educational Studies. Then they should either minor in Psychological science or pursue a double major. Regardless, students interested in this path should take the following courses: [PSYC 1101](#), [PSYC 3302](#), [PSYC 3304](#), [PSYC 3321](#), [PSYC 3351](#), and [PSYC 3341](#). It would be helpful to also take [PSYC 2298](#) and [PSYC 2299](#), as the graduate program will have research requirements.

PSYC 1005 - Writing in APA Style

This course will teach students effective APA based formatting and referencing techniques. Students will learn how to correctly format a paper, cite references, paraphrase and avoid plagiarism. The information learned in this course will allow students to effectively write utilizing APA format which will be required in upper-level courses.

Grade Basis: AL

Credit hours: 1.0

Lecture hours: 1.0

Restrictions:

- Fall
-

PSYC 1006 - Writing in the Sciences

This course will teach students to effectively write papers in a scientific style. Students will learn how to construct a scientific paper including a literature review, research paper, and poster from the stage of generating an idea through polishing the product for distribution. This will include discussion of writing style, grammar usage, paraphrasing, and other common techniques for writing in the sciences.

Grade Basis: AL

Credit hours: 1.0

Lecture hours: 1.0

Restrictions:

- Fall
-

PSYC 1101 - Introduction to Psychology

A survey of major topics in psychological science, including research methods, basic neuroanatomy, learning, perception, personality and abnormal behavior.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Restrictions:

- Fall, Spring, and Summer
-

PSYC 2200 - Behavioral Statistics Lab

This course will teach students how to utilize statistical software packages to analysis behavioral data. It will cover four broad topics: data entry, descriptive statistics, t-test comparisons, and correlations. Students must have taken either PSYC 2298 or MATH 1114.

Grade Basis: AL

Credit hours: 1.0

Lecture hours: 1.0

Prerequisites:

- [MATH 1114](#) - Introduction to Statistics
- [PSYC 1101](#) - Introduction to Psychology
- [PSYC 2298](#) - Behavioral Statistics

Restrictions:

- Fall and Spring
-

PSYC 2298 - Behavioral Statistics

Introduction to the measurement of behavior and quantitative methods of data analysis, emphasizing parametric statistics and their application to the behavioral sciences. May be taken simultaneously with PSYC 1101.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [MATH 1101](#) - College Algebra
- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Fall and Spring
-

PSYC 2299 - Research Methods

A survey of various types of research design, including the strengths and weaknesses of each. The laboratory includes practice in designing and conducting experiments, as well as analysis and reporting of results.

Grade Basis: AL

Credit hours: 4.0

Lecture hours: 4.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics

Restrictions:

- Spring
-

PSYC 3302 - Human Growth and Development

A study of human life beginning with conception. Important developmental phenomena are considered in the light of major theories of development.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Fall and Spring
-

PSYC 3304 - Educational Psychology

Application of psychological principles and research to the teaching/learning process. Major topics include behavioral and cognitive approaches to learning, classroom management, and test construction and interpretation.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Spring
 - Odd years
-

PSYC 3321 - Social Psychology

A course dealing with behavior as affected by social influences. Major topics include social perception, social communication (verbal and nonverbal), altruism, attitudes,

aggression, and prejudice. Also, applied areas such as forensic psychology are considered.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Fall
-

PSYC 3341 - Human Sexuality

This course involves a multidisciplinary examination of human sexual behavior and intimate relationships. Typical topics considered include male and female sexual response, gender roles, sexual disorders and dysfunctions, gender identity, legal and cross-cultural aspects of human sexuality, sexual orientation, and relationship issues related to sexuality.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Fall
 - Even years
-

PSYC 3350 - Abnormal Psychology

A survey of the causes, characteristics, current theories, and treatment of psychological disorders.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Fall, Spring, and Summer
-

PSYC 3351 - Introduction to Counseling

An introduction to counseling approaches, methods, and assessment techniques. Emphasis is placed on individual counseling.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Restrictions:

- Fall
-

PSYC 3358 - Psychology of Aging

Human aging is examined from physiological (e.g., sensory and cardiovascular changes), psychological (e.g., memory and intellectual changes), and sociological (e.g., adjusting to retirement) perspectives. Also, death and disorders associated with aging (such as Alzheimer's Disease) are explored.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Spring
 - Even years
-

PSYC 3360 - Psychology of Personality

A critical study of major personality theories, principles and instruments of assessment, and relevant empirical research.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- Spring
-

PSYC 3380 - Special Topics in Psychology

A course offered at the sophomore/junior level, focusing on a specialized topic from the field of psychology.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 1101](#) - Introduction to Psychology

Restrictions:

- On demand
-

PSYC 3390 - Advanced Research Methods: Survey Research

This course continues the content covered in PSYC 2299 with specific attention to the utilization of surveys.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Restrictions:

- On Demand
-

PSYC 4000 - Internship in Psychology

Students majoring in Psychology may be eligible to enroll in a psychology internship in an applied setting. This course requires 120 hours of supervised experience (observation, work, etc.) in a local agency or office, selected readings, public presentation, and final portfolio containing essays, weekly journal, and supporting material. The internship must first be discussed with the student's Psychology advisor one semester prior to beginning the internship. Information from this meeting will then be transferred to the Career Development Center for placement. The application process is unique to each facility. Grading is on a Pass/No Credit basis. Credit ranges from 1-6 hours.

Grade Basis: P

Credit hours: 1.0

Lecture hours: 1.0

Restrictions:

- On demand
 - Major in Psychology with junior/senior standing
 - Permission of program coordinator
 - Approval by the Internship Coordinator
-

PSYC 4400 - Guided Research

Under supervision of a faculty member, the student develops a project on a topic that is psychological in nature. The emphasis is on analyzing and synthesizing scientific literature, with the goal of producing a literature review and/or research proposal. A successful proposal may lead to data collection and analysis. The result of the project must be discriminated in some professional setting. Credit ranges from 1 to 6 hours.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Fall and Spring
 - Major in Psychology with junior/senior standing
 - Permission of program coordinator
-

PSYC 4405 - Sensation and Perception

Sensations and our perception of those sensations are examined using both physiological and psychological approaches. Sensory transduction, anatomy/physiology of sensory systems, and psychophysical measurement techniques are explored along with research advancements in the field.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Spring

- Consent of professor
-

PSYC 4455 - Cognitive Psychology

An information processing analysis of topics in perception, thinking, learning, and memory.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Fall
 - Odd years
 - Consent of professor
-

PSYC 4465 - Biological Psychology

Neuroanatomy and neurophysiology will be explored and will provide a foundation for examining biological aspects of various behaviors (e.g., sensory processes and sleep). Also, the psychopharmacology of selected drugs and genetic influences on behavior will be considered.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Fall
 - Consent of professor
-

PSYC 4470 - Behavior Analysis

This course will go over the basics of the field of Behavior Analysis. We will answer questions like, "How can you stop a behavior?", or, "How can I increase the appearance

of a behavior?”. We will also investigate data collection and analysis along with completing a class project of actually changing a target behavior. Finally, we will learn about the career field of Applied Behavior Analysis.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Spring
 - Consent of professor
-

PSYC 4480 - Special Topics in Psychology

A course offered at the junior/senior level, focusing on a specialized topic from the field of psychology.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- On demand
 - Major in Psychology with junior/senior standing
 - Permission of program coordinator
-

PSYC 4901 - Psychological Science Capstone I

The purpose of this course is to allow the student to synthesize knowledge about the discipline of psychological science by providing opportunity for practical experience in developing a project. This project might be service-based or research-based. The student will conduct an extensive literature review on the topic before proposing and carrying out a research plan.

Grade Basis: AL

Credit hours: 3.0

Lecture hours: 3.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Fall
 - Major in Psychology with junior/senior standing
 - Permission of program coordinator
-

PSYC 4902 - Psychological Science Capstone II

The purpose of this course is to allow the student to synthesize knowledge about the discipline of psychological science by providing opportunity for practical experience in developing a project. This project might be service-based or research-based. The student will conduct an extensive literature review on the topic before proposing and carrying out a research plan. This course is constructed as a two-course sequence, with the Spring semester course devoted to dissemination.

Grade Basis: AL

Credit hours: 1.0

Lecture hours: 1.0

Prerequisites:

- [PSYC 2298](#) - Behavioral Statistics
- [PSYC 2299](#) - Research Methods

Restrictions:

- Spring
 - Major in Psychology with junior/senior standing
 - Permission of program coordinator
-

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