### **PSYCHOLOGY**

#### Majors:

- · Bachelor of Arts, Psychology (p. 1)
- · Bachelor of Science, Psychology (p. 3)

The Bachelor of Science, Psychology may be pursued in conjunction with the Neuroscience (http://catalog.udayton.edu/undergraduate/collegeofartsandsciences/programsofstudy/biology/#Neuro) co-major.

#### Minor.

• Psychology (p. 4)

Psychology is the scientific study of mind, brain and behavior. It is a diverse field that touches all aspects of our lives.

The Department of Psychology offers a Bachelor of Arts (B.A.) and a Bachelor of Science (B.S.) in Psychology. The department encourages students who are interested in preparation for graduate school or a career in a particular area of psychology to consult with their faculty advisor regarding courses that would be recommended for preparation in that area. Some examples of such areas include clinical, developmental, cognitive, and social psychology.

Each psychology major must complete: PSY 101, PSY 201, PSY 216, and PSY 217 early in their academic career. Specifically, PSY 101 is required prior to taking most psychology courses. Further, students can take no more than 6 credit hours of psychology courses prior to enrolling in PSY 216, and no more than 15 hours of psychology courses before enrolling in PSY 217. In order to enroll in PSY 216, students must have completed the prerequisite math course with a C- or better. In order to enroll in PSY 217, students must have completed PSY 216 with a C- or better. The remaining requirements are stated in the outline below. Exceptions to these requirements must be approved by the department chairperson.

Completion of PSY 101 with a C- or better and enrollment in PSY 216 is required to transfer into the major. Students who do not earn a C- or better in PSY 216 after two attempts will be required to meet with the department chairperson.

Psychology majors who are double majors and who, with permission of the department chair, take their capstone course in their other major, must still complete 37 psychology credit hours as required for graduation.

Psychology majors are required to attain grades of C- or better in the following courses:

PSY 101	Introductory Psychology	3
PSY 201	Sophomore Seminar: Psychology as a Science and Profession	1
PSY 216	Elementary Statistics	3
PSY 217	Research Methods	3
and any two courses from each of the two core groupings:		
PSY 321	Cognition	3
PSY 322	Learning	3

PSY 323	Psychology of Perception	3
PSY 422	Biopsychology	3
PSY 341	Social Psychology	3
PSY 351	Child Psychology	3
PSY 361	Personality	3
PSY 363	Abnormal Psychology	3

If a C- or better is not attained, courses will have to be retaken if they are used to satisfy the psychology major.

A minor in psychology consists of eighteen semester hours, including PSY 101, one course from each of the core groupings, and three electives.

### FACULTY LISTING (https://udayton.edu/artssciences/academics/psychology/facstaff/)

## Bachelor of Arts, Psychology (PSY) minimum 120 hours

The Common Academic Program (CAP) is an innovative curriculum that is the foundation of a University of Dayton education. It is a learning experience that is shared in common among all undergraduate students, regardless of their major. Some CAP requirements must be fulfilled by courses taken at UD. Some major requirements must also be fulfilled by courses taken at UD. Students should consult with their advisor regarding applicability of transfer credit to fulfill CAP and major program requirements.

#### Common Academic Program (CAP) 1

Oommon Academ	no i rogium (ozu )	
First-Year Human	ities Commons <sup>2</sup>	6 cr. hrs.
HUM 101	Chaminade Seminar. Reading and Responding to the Signs of the Times	
HUM 102	Marie Thérèse Seminar. Human Dignity and the Common Good	
Second-Year Writ	ing Seminar	3 cr. hrs.
Oral Communicat	tion	3 cr. hrs.
Mathematics		3 cr. hrs.
Social Science		3 cr. hrs.
Arts		3 cr. hrs.
Natural Science <sup>3</sup>		4 cr. hrs.
Crossing Bounda	ries	9 cr. hrs.
Faith Tradition	s (3 cr. hrs.)	

Practical Ethical Action (3 cr. hrs.) Interdisciplinary Investigations (3 cr. hrs.) 4 9 Advanced Study cr. hrs. Religious Studies (3 cr. hrs.) Philosophical Studies (3 cr. hrs.) Historical Studies (3 cr. hrs.) Diversity and Social Justice 5 3 cr. hrs. Major Capstone 6 0-6 cr. hrs. **Experiential Learning** 0-3 cr. hrs.

- The credit hours listed reflect what is needed to complete each CAP component. However, they should not be viewed as a cumulative addition to a student's degree requirements because many CAP courses are designed to satisfy more than one CAP component (e.g., Crossing Boundaries and Advanced Studies) and may also satisfy requirements in the student's major.
- May be completed with ASI 110 through the Core Program.
- Must include a lecture course and an accompanying lab.
- New Crossing Boundaries category effective with the 2025-26 Catalog, which incorporates all courses previously approved in the Crossing Boundaries Inquiry or Integrative categories. This new category does not include any restriction that students must take the course outside of their unit or division.
- May not double count with First-Year Humanities Commons, Second-Year Writing, Oral Communication, Social Science, or Natural Science CAP components, but may double count with courses taken to satisfy other CAP components and/or courses taken in the student's major.
- The course or experience is designed by faculty in each major; it may, or may not, be assigned credit hours.
- The course or experience will have variable credit, depending on the intensity and duration of the experience, or where it is housed in existing curricular and co-curricular spaces.

A liberal studies degree from the University of Dayton is grounded in the institution's Catholic and Marianist tradition, which emphasizes holistic education, community, service, and social justice. The program encourages students to explore a wide range of subjects, integrating knowledge from the humanities, social sciences, natural sciences, and fine arts. Overall, a liberal studies degree from the University of Dayton not only provides a comprehensive educational experience but also instills values that encourage students to contribute positively to society.

The Bachelor of Arts degree requires a minimum of 120 credit hours. All BA students will complete the Liberal Studies Curriculum as part of their degree plan. This Curriculum provides students with a breadth of study and experiences in the humanities, the creative and performing arts, the social sciences, and the natural sciences. It provides a distinct complement to the specialized study in a major and presupposes, builds upon and enhances the University's Common Academic Program (CAP). No credits may double-count toward CAP or the first major and also the

Liberal Studies Curriculum requirements, including the language context course options.

#### **Liberal Studies Curriculum**

Language Proficiency	0-9
Breadth and Depth Requirements <sup>2</sup>	24
Breadth: Earn 3 credits in each of the five categories:	
Arts	
Humanities	
Social Sciences	
Natural Sciences and Mathematics	
CAS Interdisciplinary Programs (options include courses with HRS, WGS, MST, RCE, SEE, DST, and INS prefixes)	
Depth: Take 9 additional credits of CAS courses from any combination of breadth categories	
Total Hours	24-33

- Students demonstrate basic practical communication in a language other than English.
- No more than 12 of the 24 credit hours may come from 100- or 200level courses. None of the 24 credit hours may also count toward CAP or the first major. If students take a 3-credit context course toward language proficiency, those credits may count here.

Major Requiremen	nts	37
PSY 101	Introductory Psychology	3
PSY 201	Sophomore Seminar. Psychology as a Science and Profession	1
PSY 216	Elementary Statistics	3
PSY 217	Research Methods	3
Select two course	es from:	6
PSY 321	Cognition	
PSY 322	Learning	
PSY 323	Psychology of Perception	
PSY 422	Biopsychology	
Select two course	es from:	6
PSY 341	Social Psychology	
PSY 351	Child Psychology	
PSY 361	Personality	
PSY 363	Abnormal Psychology	
Select one course	e from: (Satisfies CAP Major Capstone)	3
PSY 471	History of Psychology	
PSY 478	Honors Thesis Project	
PSY 480	Senior Seminar in Psychology	
PSY 496	Capstone Special Topics in Psychology	
PSY 499	Independent Research Capstone	
PSY courses (300	1/400 level) <sup>1, 2</sup>	2-24

#### **Breadth**

ASI 150	Introduction to the University Experience	1
Total Hours to t	total at least	120

- No more than a total of six hours of PSY 477, PSY 490, PSY 493, PSY 494 and/or PSY 497 may count toward the thirty-seven semester hours required in PSY for the major.
- May include CAP Components.

# Bachelor of Science, Psychology (PSY) minimum 120 hours

The Common Academic Program (CAP) is an innovative curriculum that is the foundation of a University of Dayton education. It is a learning experience that is shared in common among all undergraduate students, regardless of their major. Some CAP requirements must be fulfilled by courses taken at UD. Some major requirements must also be fulfilled by courses taken at UD. Students should consult with their advisor regarding applicability of transfer credit to fulfill CAP and major program requirements.

#### Common Academic Program (CAP) 1

First-Year Humanit	ies Commons <sup>2</sup>	6 cr. hrs.
	Chaminade Seminar. Reading and Responding to the Signs of the Times	
	Marie Thérèse Seminar. Human Dignity and the Common Good	
Second-Year Writin	ng Seminar	3 cr. hrs.
Oral Communication	on	3 cr. hrs.
Mathematics		3 cr. hrs.
Social Science		3 cr. hrs.
Arts		3 cr. hrs.
Natural Science <sup>3</sup>		4 cr. hrs.
Crossing Boundari	es	9 cr. hrs.
Faith Traditions	(3 cr. hrs.)	
Practical Ethica	l Action (3 cr. hrs.)	
Interdisciplinary	/ Investigations (3 cr. hrs.) <sup>4</sup>	
Advanced Study		g cr. hrs.
Religious Studie	es (3 cr. hrs.)	
Philosophical S	tudies (3 cr. hrs.)	
Historical Studio	es (3 cr. hrs.)	
Diversity and Socia	al Justice <sup>5</sup>	3 cr. hrs.

Major Capstone <sup>6</sup>	0-6
	cr.
	hrs.
Experiential Learning <sup>7</sup>	0-3
	cr.
	hrs

- The credit hours listed reflect what is needed to complete each CAP component. However, they should not be viewed as a cumulative addition to a student's degree requirements because many CAP courses are designed to satisfy more than one CAP component (e.g., Crossing Boundaries and Advanced Studies) and may also satisfy requirements in the student's major.
- May be completed with ASI 110 through the Core Program.
- Must include a lecture course and an accompanying lab.
- New Crossing Boundaries category effective with the 2025-26
  Catalog, which incorporates all courses previously approved in the
  Crossing Boundaries Inquiry or Integrative categories. This new
  category does not include any restriction that students must take the
  course outside of their unit or division.
- May not double count with First-Year Humanities Commons, Second-Year Writing, Oral Communication, Social Science, or Natural Science CAP components, but may double count with courses taken to satisfy other CAP components and/or courses taken in the student's major.
- The course or experience is designed by faculty in each major; it may, or may not, be assigned credit hours.
- The course or experience will have variable credit, depending on the intensity and duration of the experience, or where it is housed in existing curricular and co-curricular spaces.

#### Science Breadth Requirements

Satisfies CAP Mathematics and CAP Natural Science		
Mathematics		6-8
Select one mathe	ematics sequence from:	
MTH 116	Precalculus Math	
& MTH 148	and Introductory Calculus I	
MTH 148	Introductory Calculus I	
& MTH 149	and Introductory Calculus II	
MTH 168	Analytic Geometry & Calculus I	
& MTH 169	and Analytic Geometry & Calculus II	
Natural Sciences	: '	17
Major Requireme	ents	37
PSY 101	Introductory Psychology	3
PSY 201	Sophomore Seminar. Psychology as a Science and Profession	1
PSY 216	Elementary Statistics	3
PSY 217	Research Methods	3
Select two cours	es from:	6
PSY 321	Cognition	
PSY 322	Learning	
PSY 323	Psychology of Perception	
PSY 422	Biopsychology	
Select two cours	es from:	6
PSY 341	Social Psychology	

Child Psychology

**PSY 351** 

#### 4 Psychology

PSY 361	Personality	
PSY 363	Abnormal Psychology	
Select one cours	se from: (Satisfies CAP Major Capstone)	3
PSY 471	History of Psychology	
PSY 478	Honors Thesis Project	
PSY 480	Senior Seminar in Psychology	
PSY 496	Capstone Special Topics in Psychology	
PSY 499	Independent Research Capstone	
PSY courses (300/400 level) <sup>2</sup>		12-24

#### **Breadth**

ASI 150	Introduction to the University Experience	1
Social and Behavi	ioral Science, excluding PSY courses (Includes CAP	12
Social Science)		

Total Hours to total at least 120

- Bio 151 and Bio 152 with accompanying labs are required. The remaining 9 hours may be fulfilled by courses in BIO, CHM, GEO, PHY, and CPS courses as well as by MTH courses beyond the departmental MTH requirement.
- No more than a total of six hours of PSY 477, PSY 490, PSY 493, PSY 494 and/or PSY 497 may count toward the thirty-seven semester hours required in PSY for the major.

### **Minor in Psychology (PSY)**

#### **Psychology**

<b>Total Hours</b>		15
Select two PS\	y courses (251 or 300/400 level) <sup>1</sup>	6
PSY 363	Abnormal Psychology	
PSY 361	Personality	
PSY 351	Child Psychology	
PSY 341	Social Psychology	
Select one cou	irse from:	3
PSY 422	Biopsychology	
PSY 323	Psychology of Perception	
PSY 322	Learning	
PSY 321	Cognition	
Select one cou	irse from:	3
PSY 101	Introductory Psychology	3

- Only three semester hours of PSY 490, PSY 493, PSY 494, and/or PSY 497 may count toward the minor.
- Bachelor of Arts, Psychology (p. 1)
- Bachelor of Science, Psychology (p. 3)
- Neuroscience Co-Major (p. 5)

### **Bachelor of Arts, Psychology**

First Year			
Fall	Hours	Spring	Hours
ASI 150		1 PSY 216	
PSY 101 (Satisfies CAP Social Science)		3 HUM 102 (CAP Humanities Commons)	

BIO 151		4 CAP Arts	3
& 151L (Satisfies CAP Natural Science)		Course	
MTH 114, 148, or 207 (Satisfies CAP Mathematics)		3 BA Humanities Course	3
HUM 101 (CAP Humanities Commons)		3 BA Social Science Course (other than PSY)	3
CMM 100 (CAP Oral Communication)		3	
		17	15
Second Year			
Fall	Hours	Spring Hours	
PSY 217		3 PSY 201	1
PSY 341, 351, 361, or 363		3 PSY 341, 351, 361, or 363	3
ENG 200 (CAP Second-Year Writing)		3 CAP Practical Ethical Action Course	3
Language 101		3 Language 141	3
BA Arts Course		3 BA Natural Science Course (other than BIO)	3
		BA Elective (300/400 level)	3
		15	16
Third Year			
Fall	Hours	Spring Hours	
PSY 321, 322, 323, or 422		3 PSY 321, 322, 323, or 422	3
PSY Elective (300/400 level)		3 PSY Elective (300/400 level)	3
CAP Faith Traditions Course		3 CAP Advanced Philosophical Studies Course	3
Language 201 or Contextual Course		3 CAP Advanced Historical Studies Course	3

Fourth Year				
Fall	Hours	Spring	Hours	
PSY Elective (300/400 level)		3 PSY 471, 478 480, 496, or 499 (Satisfies CAP Major Capstone)		3
PSY Elective (300/400 level)		3 CAP Diversity and Social Justice Course		3
CAP Interdisciplinary Investigations Course		3 General Elective		3
CAP Advanced Religious Studies Course		3 General Elective		3

3 ВА

Course

Interdisciplinary Programs 3

15

**BA Elective** 

BA Elective (300/400 level)	3	
	15	12

Total credit hours: 120

Bachelor of Science,	, Psycho	ology		
First Year				
Fall	Hours	Spring	Hours	
ASI 150		1 PSY 341, 39 361, or 363		3
PSY 101		3 CMM 100 (CAP Oral Communic	ation)	3
HUM 101 (CAP Humanities Commons)		3 HUM 102 (CAP Humanities Commons)		3
BIO 151		4 BIO 152		4
& 151L (CAP Natural Science w/ lab)		& 152L		
MTH 116		4 MTH 148 (CAP Mathemati	cs)	3
		15		16
Second Year				
Fall	Hours	Spring	Hours	
PSY 201		1 PSY 217		3
PSY 216		3 PSY 321, 33 323, or 422	-	3
PSY 341, 351, 361, or 363		3 CAP Praction		3

Fall	Hours	Spring	Hours	
PSY 201		1 PSY 217		3
PSY 216		3 PSY 321, 32 323, or 422	2,	3
PSY 341, 351, 361, or 363		3 CAP Practic		3
ENG 200 (CAP Second-Year Writing)		3 BS Social Science elective (other than PSY)		3
CAP Arts		3 BS Natural Science elective		3
CAP Social Science		3		
		16		15

		16		15
Third Year				
Fall	Hours	Spring	Hours	
PSY 321, 322, 323, or 422		3 PSY electiv (300/400 level)	e	3
PSY elective (300/400 level)		3 CAP Interdiscipl Investigation		3
CAP Faith Traditions		3 CAP Advanced Religious Studies		3
CAP Advanced Philosophical Studies		3 BS Social Science (other than PSY)		3
BS Natural Science elective		3 BS Natural Science elective		3
		15		15

		elective		
		15		1
Fourth Year				
Fall	Hours	Spring	Hours	
PSY 471, 478, 480, 496, or 499 (Satisfies CAP Major Capstone)		3 PSY electiv (300/400 level)	e	3
PSY elective (300/400 level)		3 CAP Diversi and Social	ity	;

(300/400 level)
3 BS General 3
3 BS General elective (300/400 level)
3 BS General elective (300/400 level)

Total credit hours: 122

### **Neuroscience Co-Major**

Sophomore	
Fall	Hours
BIO 151	3
	3

Total credit hours: 3

#### Courses

#### PSY 101. Introductory Psychology. 3 Hours

Study of human behavior including development, motivation, emotion, personality, learning, perception; general application of psychological principles to personal, social, and industrial problems. Students must participate in departmental research.

## PSY 201. Sophomore Seminar: Psychology as a Science and Profession.

Introduction to the science and profession of psychology including the nature and breadth of psychological study and career exploration. Prerequisites: PSY 101. Corequisites: Must be a Psychology major of sophomore status (based on credit hours earned).

#### PSY 216. Elementary Statistics. 3 Hours

Basic probability and applied statistics: measures of central tendency and dispersion, sampling, estimation, hypothesis testing, tests between means, linear regression, correlation, and ANOVA. Prerequisites: PSY 101; C- or better in (MTH 114, MTH 116, MTH 148, MTH 168, or MTH 207).

### PSY 217. Research Methods. 3 Hours

Basic concepts of scientific methods as applied to psychological problems. Experiments to familiarize students with application of scientific methodology to study of human psychological processes. Required of all psychology majors. Prerequisites: PSY 101; c- or better in PSY 216.

#### PSY 251. Human Growth & Development. 3 Hours

Focuses on stages of human development from infancy through the aging adult. Emphasis is on various theoretical approaches and the development associated with each stage. Psychology majors may not take for credit toward major. Prerequisite(s): PSY 101.

#### PSY 2PF. Non-equivalent Psychology Rese. 0-3 Hours

PSY 2PS. Non Equivalent Psychology Rese. 0-3 Hours

#### PSY 317. Advanced Research Methods. 3 Hours

3

Advanced application of statistical and research methods learned in PSY 216 and PSY 217 to the design, analysis, and write-up of an original empirical study. Research area will vary according to instructor expertise. Prerequisite(s): PSY 217.

#### PSY 321. Cognition. 3 Hours

Information-processing approach to attention, perception, memory, imagery, and thought. Theoretical structures including neuron modeling of higher cognitive and experimental processes. Prerequisite(s): PSY 101.

#### PSY 322. Learning. 3 Hours

Foundations of the learning process. Classical and instrumental paradigms and variants of each considered in preparation for investigations of complex learning. Prerequisite(s): PSY 101.

#### PSY 323. Psychology of Perception. 3 Hours

Introduction to major theoretical and experimental work in perception, including visual, auditory, proprioceptive, and other sensory systems. Prerequisite(s): PSY 101.

#### PSY 333. Psychological Tests & Measurements. 3 Hours

Survey of major tests of intelligence, aptitude, interest, and personality presently used in clinics, schools, personnel offices, and research settings. Emphasis on evaluation and comparison, rationale of construction, ethical considerations. Prerequisite(s): (PSY 101, PSY 216) or equivalent.

#### PSY 334. Industrial Psychology. 3 Hours

Introduction to modern efforts to improve human performance in industrial organizations and society; selection and placement of employees, morale, training, and incentives. Prerequisite(s): PSY 101.

#### PSY 341. Social Psychology. 3 Hours

Survey of major theoretical and experimental work in the field; attitudes, conformity, emotions, group dynamics, and topics related to diversity such as racism and sexism.

#### PSY 344. Interpersonal Relationships. 3 Hours

Social psychological research in nonverbal behavior, social exchange, self-disclosure, and interpersonal attraction and how these are related to developing relationships. Prerequisite(s): PSY 101.

#### PSY 351. Child Psychology. 3 Hours

Study of psychological processes from the developmental point of view; changes in perception, cognition, emotion, and social behavior from infancy to adolescence. Prerequisite(s): PSY 101.

#### PSY 353. The Psychology of Adult Development & Aging. 3 Hours

Provides a general introduction to the multi-disciplinary field of adulthood and aging with a specific focus on aspects of interest to psychologists: cognitive, intellectual, personality, and biological changes across adult development. Prerequisite(s): PSY 101.

#### PSY 355. Developmental Psychopathology. 3 Hours

Survey of developmental theory and research related to the psychopathology of infants, children, and adolescents. Focus is on etiology, identification, and intervention. Prerequisite(s): (PSY 101, PSY 351) or permission of instructor.

#### PSY 361. Personality. 3 Hours

Introduction to the study of personality through analysis of such major theories as those of Freud, Skinner, Maslow, and Rogers. The development of personality and the stability of personality characteristics over time. Review of clinical and experimental findings. Prerequisite(s): PSY 101.

#### PSY 363. Abnormal Psychology. 3 Hours

Patterns of disordered behavior; social, psychological, and physiological factors; theoretical explanations of abnormal behavior; stigma associated with psychological disorders. Prerequisite(s): PSY 101.

#### PSY 364. Psychotherapy. 3 Hours

Survey of current types of psychotherapy. Emphasis on similarities and differences in underlying theories of behavioral change and associated techniques. Prerequisite(s): PSY 101.

#### PSY 366. Health Psychology. 3 Hours

Explores psychological research, theory, and techniques in healthrelated areas, such as health promotion, the identification of contributors to illness, illness prevention, stress and coping, stress management, changing health beliefs and behavior, pain and its management, and the management of chronic and terminal illnesses.

#### PSY 368. Community Psychology. 3 Hours

The application of psychological principles to the understanding and prevention of prevalent community problems including teen pregnancy, school violence, mental illness, substance abuse, homelessness and poverty. Prerequisite(s): PSY 101.

#### PSY 375. Psychology of the Arts. 3 Hours

Explores the psychological experiences associated with the creation and appreciation of music, art, and literature. Course content is presented in terms of the theories, methods, and research findings in the fields of perception, cognition, and development.

#### PSY 390. Forensic Psychology. 3 Hours

Exploration of psychological research, theory, and techniques in the intersection of psychology and the law, such as police psychology, criminal investigation techniques, interrogations and false confessions, eyewitness identifications, risk assessments, issues of competency, trial consulting, and influencing public policy. Equipping students with this information and familiarizing them with their legal rights will contribute to their ability to protect themselves from injustice. They are also encouraged to work toward social justice for all citizens, particularly the most vulnerable in our communities. Prerequisite(s): SSC 200.

#### PSY 410. Questionnaire Design. 3 Hours

Students will learn about critical issues in questionnaire design and use, the advantages/disadvantages of questionnaires, types of questionnaires, questionnaire development strategies, scale selection, and how to evaluate questionnaires. Students will develop, test and evaluate a questionnaire in a domain of interest to them. Depending on the size of the effort, students may work in teams.

#### PSY 422. Biopsychology. 3 Hours

Neurophysiological analysis of attention, sensation, perception, emotion, motivation, and learning. Prerequisite(s): PSY 101.

#### PSY 431. Interviewing & Counseling. 3 Hours

Integrated approach to the theory, techniques, skills, and values of interviewing and counseling. Practice through written assignments, self study, classroom exercises, and role-playing. Prerequisite(s): PSY 101.

#### PSY 435. Human Factors. 3 Hours

Students learn methods to improve the interface between humans and their environment. Human characteristics are studied to determine the best way to design the task, product, workstation, or other environmental features to accommodate the human. Students in the School of Engineering must have junior or senior status.

#### PSY 443. Women, Gender, and Psychology. 3 Hours

Survey of a wide range of topics pertaining to women, and gender more broadly. Such topics include, but are not limited to gender role development, gender differences and similarities, sexual orientation, mental health, interpersonal relationships, and victimization. The format of this course is a combination of lectures, group activities, and out-of-class experiential learning. This course fulfills the CAP Diversity and Social Justice Requirement and one of the requirements for both the Women's and Gender Studies Minor and Major. Prerequisite(s): SSC 200.

#### PSY 444. Environmental Psychology. 3 Hours

Study of the effects of the physical and social environment on human behaviors, attitudes, and affective responses. Prerequisite(s): (PSY 101, PSY 341) or permission of instructor.

#### PSY 445. Technology, Environment & Behavior. 3 Hours

Examines the cultural bases for the individual and societal choices which humans make about their use of technology. Technology is broadly defined to include human-machine systems.

#### PSY 450. Psychology for Ministry. 3 Hours

Human development and adjustment, interpersonal communication, and the psychology of religion. Prerequisite(s): Acceptance into the Lay Ministry Program or permission of instructor.

#### PSY 451. Psychology of Religion. 3 Hours

Addresses the psychological study of the nature of religion and religious experience; explores the development of internalized beliefs, attitudes, and values and the effect they have on individual functioning. An introductory course in psychology is highly recommended. Prerequisite(s): Junior or senior standing.

#### PSY 452. Cognitive Development in Children. 3 Hours

Major approaches to the study of cognitive development; attentional and mediational development in children's learning, memory, and problem solving; language development and Piaget's theory. Prerequisite(s): (PSY 101, PSY 351) or permission of instructor.

#### PSY 461. Current Implications of Drug Dependency. 3 Hours

Survey of effects, symptoms, treatment, causalities, and myths associated with drug use and abuse. Emphasis on existing treatment methods and psychological implications of drug dependency. Prerequisite(s): PSY 101.

#### PSY 462. Human Sexuality. 3 Hours

Psychological factors in human sexuality including developmental, biological, and social perspectives. Such topics as sexual orientation, gender identity and roles, sexual relationships, sexual dysfunction, power and violence, and commercialization.

#### PSY 471. History of Psychology. 3 Hours

The evolution of psychology from its origins in philosophy, science, clinical, and applied settings. Emphasis on integrating these systems and schools of thought with modern psychology. Students will produce a scholarly work which will be presented publicly. Students will reflect on how the various schools of thought influence the purpose of their life, their proposed work and how they, in the profession of Psychology, might serve the community. Prerequisites: PSY 101; At least three of PSY 321, PSY 322, PSY 323, PSY 422, PSY 341, PSY 351, PSY 361, PSY 363 (the core areas of psychology); Seniors only.

#### PSY 477. Honors Thesis Project. 3 Hours

First of two courses leading to the selection, design, investigation, and completion of an independent, original Honors Thesis project under the guidance of a faculty research advisor. Restricted to students in the University Honors Program with permission of the program director and department chairperson. Students pursuing an interdisciplinary thesis topic may register for three semester hours each in two separate disciplines in consultation with the department chairpersons. Prerequisite(s): Approval of University Honors Program.

#### PSY 478. Honors Thesis Project. 3 Hours

Second of two courses leading to the selection, design, investigation, completion and presentation in a public forum of an independent, original Honors Thesis project under the guidance of a faculty research advisor. Restricted to students in the University Honors Program with permission of the program director and department chairperson. Students will reflect on how psychological research will influence their professional life as a psychologist, the implications of that for their own life, and how they, in the profession of Psychology, serve the community. Students pursuing an interdisciplinary thesis topic may register for three semester hours each in two separate disciplines in consultation with the department chairpersons. PSY 478H and PSY 499 cannot both be taken for credit. Prerequisite(s): PSY 217 and PSY 477 and Senior status.

#### PSY 480. Senior Seminar in Psychology. 3 Hours

Advanced exploration of the meaning of scholarship to the vocation of psychology. Students will engage in critical review of readings in psychology and develop a scholarly project consistent with discipline standards and suited to the professional goals of the student. This course is for Senior Psychology majors only. Prerequisite(s): PSY 217.

#### PSY 490. Internship in Psychology. 1-6 Hours

Supervised experience arranged on an individual basis in appropriate settings. For junior or senior psychology majors who have completed prescribed course work only. Consult internship director for details. May be repeated up to six semester hours. Grade Option Two only.

#### PSY 493. Independent Study. 0-6 Hours

Problems of special interest investigated under faculty direction. Area and criteria for evaluation to be specified prior to registration. May be repeated up to six semester hours. Prerequisite(s): Permission of instructor.

#### PSY 494. Readings in Psychology. 1-6 Hours

Directed reading in a specific area of interest, under faculty supervision. Topic and criteria for evaluation to be specified prior to registration. May be repeated up to six semester hours. Prerequisite(s): Permission of instructor.

#### PSY 495. Special Topics in Psychology. 1-3 Hours

Topics of special interest to faculty and students; intensive critical evaluation of appropriate literature. Prerequisite(s): Permission of instructor.

#### PSY 496. Capstone Special Topics in Psychology. 3 Hours

Topics of special interest to faculty and students; intensive critical evaluation of appropriate literature. Development and public presentation of a scholarly project. Reflection on the meaning of scholarship to the vocation of psychology. Permission of instructor. Must be a psychology major of senior status based on credit hours earned.

#### PSY 497. Service Learning Experience. 1 Hour

Supervised community research or service experience that complements a specific upper division course in Psychology. Repeatable up to three semester hours. Corequisite(s): A 300-400 level Psychology course.

#### PSY 499. Independent Research Capstone. 3 Hours

Project and presentation of special interest investigated under faculty direction. Students will produce a scholarly work which will be presented publicly. Students will reflect on how psychological research will influence their professional life as a psychologist, the implications of that for their own life, and how they, in the profession of Psychology, serve the community. PSY 478H and PSY 499 cannot both be taken for credit. Prerequisites: PSY 216; PSY 217; At least three of PSY 321, PSY 322, PSY 323, PSY 422, PSY 341, PSY 351, PSY 361, PSY 363 (the core areas of psychology); Seniors only; Permission of the instructor.