Introduction

NAU's programs in psychology provide a broad curriculum designed to help you develop an understanding and appreciation of the lawfulness of behavior. You will find our programs relevant if you are planning to enter business, community agency work, or other professional areas and desire a scientific understanding of human behavior.

Our coursework will help you understand the biological, social, and cultural influences on human thought, emotions, and behavior, and our approach to these issues emphasizes theoretical foundations, empirical research, and practical applications of psychological knowledge.

Degrees Offered

You may pursue the following degrees in psychology:

- B.A. in psychology
- B.S. in psychology
- extended B.A. in psychology
- extended B.S. in psychology

B.A. in Psychology

To earn this degree, you must complete the four components described in the following paragraphs.

<table>
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<tr>
<th>Requirements</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Major Requirements</td>
<td>36</td>
</tr>
<tr>
<td>Minor</td>
<td>18-24</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>43</td>
</tr>
<tr>
<td>General Electives</td>
<td>23-17</td>
</tr>
<tr>
<td>Total</td>
<td>120*</td>
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*Be aware that some courses required for your degree may have prerequisites that you must also take. Check all course descriptions to find out.

Major Requirements

You must complete the following 36 hours for this major with a grade of C or better:

- 11 hours of required coursework: PSY 101, 230, and 290
- 12-13 hours of electives in psychology
- at least two courses from PSY 320, 350, 355, 370, 420, and 494
- at least two courses from PSY 227, 240, 250, 346, 405, and 415

Minor

You must complete the requirements for one of the minors (of at least 18 hours) described in this catalog.
Liberal Studies Requirements
See the General Academic Requirements chapter of this catalog for information about the 43 hours of liberal studies credit that we require.

General Electives
You may take the remaining 17-23 hours from the entire range of courses described in this catalog.

Language Requirement
You must have two years of language proficiency (e.g., equivalent to taking four courses in a single language). You can also get credit for the language requirement through the CLEP exam; see the heading College Level Exam Program in the General Academic Requirements chapter of this catalog. You can use up to 9 hours of language courses (e.g., 101, 102, 201, and 202) in the language and analysis block of NAU’s liberal studies requirements.

B.S. in Psychology
This degree is the same as the B.A. in psychology, except that you replace the language requirement with the following courses:
• 3 hours in mathematics (one course)
• 6-8 hours in natural sciences (two courses)
• additional general electives to bring the total credit hours to 120

Extended Major in Psychology
All requirements are the same as for the B.A. or the B.S. in psychology, except that you must take an additional 17 hours in psychology and/or in related disciplines, for a total of 53 hours, as directed by your adviser.

Minor Offered—Psychology
To complete a minor in psychology, you must take 18 hours, including PSY 101 and 15 hours of electives in psychology.

Be aware that some of the elective courses for your minor may have prerequisites that you must also take. Check all course descriptions to find out.

Psychology Courses (PSY)
Some courses may not be offered every semester. Check with the department and the current Class Schedule for information about when specific courses are offered.

PSY 101 Introduction to Psychology (3). Science of psychology including history of psychology, maturation, learning, thought processes, sensation, perception, physiology, motivation, emotion, personality, and intelligence.

PSY 227 Introduction to Personality (3). Dynamics of personality development, and principles of motivation, conflict, frustration, anxiety defenses, and psychopathology. Prerequisite: PSY 101.

PSY 230 Introduction to Research and Statistics (4). Basic concepts of experimental design and statistical analyses involved in psychological research. 3 hrs. lecture, 2 hrs. lab.

PSY 238 Environmental Psychology (3). Study of human behavior in relation to specific environments; special emphasis placed on crowding, territoriality, personal space, privacy, and urban developments. Prerequisite: PSY 101.

PSY 240 Developmental Psychology (3). A survey of the issues and concepts dealing with age-related behaviors and development changes at different periods during the human life span. Prerequisite: PSY 101.

PSY 250 Social Psychology (3). Studies of the experience and behavior of individuals in relation to social stimulus situations. Prerequisite: PSY 101.


PSY 290 Experimental Psychology (4). Introduction to scientific methodologies as used in psychological research including student projects in conducting research. 3 hrs. lecture, 2 hrs. lab. Prerequisites: PSY 101 and 230.


PSY 330 Psychophysiology of Drugs and Behavior (3). Introduction to the physiological and synaptic mechanisms by which therapeutic and illicit drugs exert effects on behavior. Prerequisites: PSY 101 and BIO 180.

PSY 340 Child and Adolescent Development (3). Study of normal and abnormal development from conception through adolescence with additional focus on the efficacy of treatment. Prerequisites: PSY 101 and 240.

PSY 346 Industrial Organizational Psychology (3). Applications of psychological theory and methodology to the problems of selecting, training, and motivating individuals in organizational settings. Prerequisite: PSY 101.

PSY 347 Personnel Psychology (3). Psychological knowledge and methods applied to personnel problems of selection and training, evaluation, and fair employment concerns. Prerequisite: PSY 101. Recommended prerequisite: PSY 346.
PSY 350 Physiological Psychology (4). Physiological and neurological bases of behavior. 3 hrs. lecture, 2 hrs. lab. Prerequisites: PSY 101, 230, and 290 and 3 hrs. of biology.


PSY 391 Psychology of Women (3). Psychological theory and research regarding the impact of gender on women's lives, personalities, abilities, relationships, sexuality, and physical and mental health. Prerequisite: PSY 101.

PSY 402 Interviewing (4). Laboratory approach to the development of skills in personnel interviewing; includes videotape-recorded practice interviews and discussion of theoretical issues and research findings. 3 hrs. lecture, 1 hr. lab. Prerequisite: PSY 101.

PSY 405 Clinical Psychology (3). Introduction to the principles and processes of applying psychology to the clinical setting. Areas of emphasis include professional issues, assessment, diagnosis, and psychotherapy. Prerequisite: PSY 227.

PSY 408 Fieldwork Experience (1-12). Supervised field experience in an appropriate agency or organization. May not exceed 12 hours of credit. Fee required.


PSY 421 Neuropsychology (3). Lecture and group discussion approach to understanding brain-behavior relationships; history, experimental and clinical methods, recent developments, and theory. Prerequisites: PSY 101 and 350.


PSY 430 Psychology of Aging (3). An examination of the psychological functioning of older adults, incorporating developmental and clinical perspectives. Prerequisite: PSY 240.

PSY 450 Historical Systems of Psychology (3). Survey and comparison of different theories and methods of psychology and their historical background, and evaluation of those theories and methods from philosophical and scientific standpoints. Prerequisite. 6 hrs. of psychology.

PSY 460 Community Psychology (3). Individuals within an environmental system; emphasizing system theory, intervention and change agent models and evaluation research. Prerequisite. PSY 101.

PSY 470 Stress Management Techniques (3). Introduction to current techniques of stress management including relaxation, imagery, diet, and exercise. Class time includes practice in implementing techniques. Prerequisite. PSY 320. Recommended prerequisite: PSY 227.

PSY 472 Anomalistic and Paranormal Phenomena (3). Study of anomalistic and paranormal psychology phenomena from a rational and scientific perspective. Prerequisites: PSY 101, 230, and 290.

PSY 480 Health Psychology (3). The comprehensive study of contributions of psychology to health promotion and maintenance, illness prevention and treatment, and related health issues. Prerequisite. PSY 101, 320, 350, or equivalent.

PSY 485 Undergraduate Research (1-6). Original research under the supervision of a research adviser. May not exceed 6 hours of credit.

PSY 494 Ecological Approaches to Perception and Action (3). Theory and research in human (animal)-environment systems: topics include perception, action, learning, communication, and development. Prerequisites: PSY 101, 230, and 290.

PSY 496 Organizational Psychology (3). Theory and research on work motivation, leadership, and related aspects of group behavior in organizations. Prerequisite. PSY 101. Recommended prerequisite: PSY 346.

PSY 497 Independent Study (1-6). An individualized approach to selected topics by guided reading and critical evaluation. May be repeated for up to 6 hours of credit.

PSY 499 Contemporary Developments (1-3).

Graduate Courses

PSY 525 Introductory Statistics (3)

PSY 599 Contemporary Developments (1-3)

PSY 601 Introduction to Clinical Skills (3)

PSY 608 Fieldwork Experience (1-12)

PSY 610 Personality Theories (3)

PSY 620 Theories of Learning (3)

PSY 621 Cognitive Processes (3)

PSY 625 Intermediate Statistics (3)

PSY 630 Foundations of Health Psychology (3)

PSY 633 Developmental Health Psychology (3)
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<td>PSY 636 Lifestyle and Social Change (3)</td>
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<td>PSY 640 Health Psychology Assessment I (3)</td>
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<td>PSY 641 Health Psychology Assessment II (3)</td>
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<td>PSY 645 Health Psychology Practicum (1-12)</td>
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<td>PSY 650 Physiological Psychology (3)</td>
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<td>PSY 655 Theories of Perception (3)</td>
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<td>PSY 660 Professional Issues (1-3)</td>
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<td>PSY 670 Psychopharmacology (3)</td>
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<td>PSY 673 Techniques of Psychological Research (3)</td>
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<td>PSY 677 Theories of Persistence and Change (3)</td>
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<td>PSY 681 Techniques of Behavior Change I (3)</td>
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<td>PSY 682 Techniques of Behavior Change II (3)</td>
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<td>PSY 683 Psychopathology (3)</td>
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<td>PSY 699 Thesis (1-9)</td>
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<td>PSY 725 Multivariate Statistics (3)</td>
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<th>Faculty</th>
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James D. Windes, Ph.D., Professor of Psychology
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<table>
<thead>
<tr>
<th>Emeritus Faculty</th>
</tr>
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</table>

James E. Biglin, Ed.D., Professor of Psychology, Emeritus
B.A., Hastings College; M.A., Ed.D., University of Nebraska; NAU 1962

Roger C. Thweatt, Ph.D., Professor of Psychology, Emeritus
B.A., University of Denver; M.A., University of Montana; Ph.D., Michigan State University; NAU 1963