

School of Behavioral and Brain Sciences

Minors

Students must take a minimum of 18 semester credit hours for the minor, 12 of which must be upper-division semester credit hours. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). Semester credit hours may not be used to satisfy both the major and minor requirements; however, free elective semester credit hours or major preparatory classes may be used to satisfy the minor. The minors in the School of Behavioral and Brain Science are listed below:

- [Child Development](#)
- [Cognitive Science](#)
- [Neuroscience](#)
- [Psychology](#)
- [Speech Language Pathology and Audiology](#)

Minor in Child Development: 18 semester credit hours

This minor is well suited for students pursuing Elementary Teacher certification and for those generally interested in the psychological development of children. Students must complete 18 semester credit hours including 9 required semester credit hours of foundation coursework and 9 semester credit hours of guided electives. At least 12 semester credit hours must be upper-division courses, of which at least 9 semester credit hours must have been completed at UT Dallas. Students majoring in Psychology or Speech-Language Pathology and Audiology may minor in Child Learning and Development provided that no course is used to satisfy both major and minor requirements.

Foundation Courses: 9 semester credit hours

Choose three courses from the following:

[PSY 3310](#) Child Development

or [PSY 3339](#) Educational Psychology

[PSY 3332](#) Social and Personality Development

[PSY 3362](#) Cognitive Development

Guided Elective Courses: 9 semester credit hours

Choose three courses from the following:

[PSY 3342](#) Exceptional Children¹

[PSY 4344](#) Child Psychopathology

[PSY 4373](#) Psychological Assessment

[PSY 4394](#) Internship in Psychology

or [ED 4693](#) Student Teaching - Elementary (approval of the Teacher Development Center required)

[SPAU 3303](#) Normal Language Development¹

[SPAU 3305](#) Language and Literacy Development

[SPAU 4308](#) Language Disorders in Children

Other courses as approved by the Associate Dean

Minor in Cognitive Science: 18 semester credit hours

Students who are not majoring in Cognitive Science may minor in Cognitive Science by completing 18 semester credit hours. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). At least 12 of the 18 semester credit hours required by the minor in Cognitive Science must be upper-division courses from either the Psychology/HCI, Neuroscience, or Computational Modeling/AI specialization areas. In addition, 9 of the 18 semester credit hours required for the minor in Cognitive Science must have a Cognitive Science (CGS), Psychology (PSY), or Neuroscience (NSC) prefix and be upper-division courses. No semester credit hours may be used to satisfy both major and minor requirements; however, free elective semester credit hours or major preparatory classes may be used to satisfy the minor. At least one-third of the semester credit hours for a minor must be taken at UT Dallas.

Minor in Neuroscience: 18 semester credit hours

Students who are not majoring in Neuroscience may minor in Neuroscience by taking 18 semester credit hours selected from the lists of major core courses, major related courses, and major preparatory courses. See <http://catalog.utdallas.edu/2015/undergraduate/programs/bbs/neuroscience>. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). At least 12 semester credit hours must be upper-division Neuroscience core courses. No semester credit hours may be used to satisfy both major and minor requirements; however, free elective semester credit hours or major preparatory courses may be used to satisfy the minor. At

least one-third of the semester credit hours for a minor must be taken at UT Dallas.

At least 12 semester credit hours must be upper-division Neuroscience core courses.

Neuroscience Major Core Courses: 12 semester credit hours:

[NSC 3361](#) Behavioral Neuroscience

[NSC 4352](#) Cellular Neuroscience

[NSC 4353](#) Neuroscience Laboratory Methods

[NSC 4354](#) Integrative Neuroscience

[NSC 4356](#) Neurophysiology

[NSC 4363](#) Neuropharmacology

[NSC 4366](#) Neuroanatomy

[NSC 4357](#) Neurobiology of Learning and Memory

[NSC 4362](#) Molecular Neuroscience

[NSC 4367](#) Developmental Neurobiology

[NSC 4371](#) Neural Plasticity

[NSC 4373](#) Sensory Neuroscience

[NSC 4385](#) Neuropsychology

Minor in Psychology: 18 semester credit hours

Students who are not majoring in Psychology may minor in Psychology by taking 18 semester credit hours of Psychology courses (i.e., those with a PSY prefix, excluding those listed under Independent Study in the Catalog). Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). At least 12 semester credit hours must be upper-division courses, of which at least 9 semester credit hours must be Psychology major core courses taken at UT Dallas (see list below). No semester credit hours may be used to satisfy both major and minor requirements; however, free elective semester credit hours or major preparatory classes may be used to satisfy the minor.

Psychology Major Core courses: 9 semester credit hours:

[PSY 2314](#) Lifespan Development

[PSY 3310](#) Child Development

[PSY 3331](#) Social Psychology

[PSY 3360](#) Historical Perspectives on Psychology: Mind and Machines since 1600

[PSY 3361](#) Cognitive Psychology

[PSY 3392](#) Research Design and Analysis

[PSY 3393](#) Experimental Projects in Psychology

[PSY 4343](#) Abnormal Psychology

[PSY 4359](#) Cognitive Neuroscience

[NSC 3361](#) Behavioral Neuroscience

Because Psychology is concerned with a wide range of social behaviors, it provides a strong foundation for all careers that deal with people. Students considering careers in business, education, law, medicine, clinical psychology, and counseling or social work can benefit from minoring (or majoring) in psychology.

Upper-Division Courses: 9 semester credit hours from one of the career tracks

Business Careers

Graduate schools of business look for students with a strong liberal arts background that focuses on both writing and quantitative skills. Suggested courses are the following:

[PSY 3361](#) Cognitive Psychology

[PSY 4331](#) Personality

[PSY 3331](#) Social Psychology

[PSY 4332](#) Psychology in the Workplace

[PSY 4370](#) Industrial and Organizational Psychology

[PSY 4333](#) Human Relations

[PSY 3392](#) Research Design and Analysis

Education Careers

Psychology courses are especially relevant for students pursuing careers in child development, educational psychology, education counseling, and school psychology. Suggested courses are the

following:

[PSY 2314](#) Lifespan Development

[PSY 3310](#) Child Development

[PSY 3361](#) Cognitive Psychology

[PSY 3339](#) Educational Psychology

[PSY 3362](#) Cognitive Development

[PSY 3342](#) Exceptional Children

[PSY 3332](#) Social and Personality Development

[PSY 3338](#) Adolescence

[PSY 4373](#) Psychological Assessment

[PSY 2317](#) Statistics for Psychology

[PSY 3392](#) Research Design and Analysis

Law and Crime and Justice Careers

A background in psychology can be enormously useful for the study and practice of law and law enforcement. Suggested courses are the following:

[PSY 4372](#) Forensic Psychology

[PSY 2314](#) Lifespan Development

[PSY 3361](#) Cognitive Psychology

[PSY 4374](#) Judgment and Decision-Making

[PSY 4331](#) Personality

[PSY 3331](#) Social Psychology

[PSY 4343](#) Abnormal Psychology

[PSY 4373](#) Psychological Assessment

[PSY 2317](#) Statistics for Psychology

[PSY 3392](#) Research Design and Analysis

Medical Careers

Psychology is highly recommended as a major or minor for pre-medical students interested in psychiatry or neurology, or any student who wishes to practice medicine. The intended area of medical specialization should influence choice of courses; for example, a future pediatrician would benefit from courses in developmental psychology. In general, suggested courses are the following:

[PSY 2314](#) Lifespan Development

[NSC 3361](#) Behavioral Neuroscience

[PSY 4328](#) Health Psychology

[PSY 4343](#) Abnormal Psychology

[PSY 3361](#) Cognitive Psychology

[PSY 3338](#) Adolescence

[PSY 3333](#) Approaches to Clinical Psychology

[PSY 2317](#) Statistics for Psychology

[PSY 3392](#) Research Design and Analysis

Careers in Clinical Psychology, Counseling, or Social Work

All courses in psychology are good preparation for these careers. It is especially important that students take the following courses:

[PSY 2314](#) Lifespan Development

[NSC 3361](#) Behavioral Neuroscience

[PSY 3361](#) Cognitive Psychology

[PSY 4331](#) Personality

[PSY 4343](#) Abnormal Psychology

[PSY 2317](#) Statistics for Psychology

[PSY 3392](#) Research Design and Analysis

Other courses of interest include

[PSY 3333](#) Approaches to Clinical Psychology

[PSY 3350](#) Psychology of Communication

[PSY 4333](#) Human Relations

[PSY 4328](#) Health Psychology

[PSY 4373](#) Psychological Assessment

[PSY 4344](#) Child Psychopathology

[PSY 4345](#) Violence in the Family

Minor in Speech Language Pathology and Audiology: 18 semester credit hours

Students interested in communication sciences and disorders may elect to minor in Speech-Language Pathology and Audiology. Students complete 18 semester credit hours including 12 required semester credit hours of foundation coursework and 6 elective semester credit hours. Students who take a minor will be expected to meet the normal prerequisites in courses making up the minor, and should maintain a minimum GPA of 2.000 on a 4.00 scale (C average). No semester credit hours may be used to satisfy both major and minor requirements; however, free elective semester credit hours or major preparatory classes may be used to satisfy the minor. At least one-third of the semester credit hours for a minor must be taken at UT Dallas.

Foundation coursework in conjunction with elective semester credit hours permits students to choose to emphasize hearing science/audiology, language development and disorders, or speech production and perception.

Students majoring in Psychology, Neuroscience, or Cognitive Science, or students with interests in the health sciences may find that a minor in Speech -Language Pathology and Audiology adds a valuable interdisciplinary dimension to their overall plan of study and may enhance their opportunities for graduate study. Students interested in communication sciences and disorders may elect to minor in Speech-Language Pathology and Audiology.

Foundation Courses: 12 semester credit hours required

[SPAU 3301](#) Communication Disorders

[SPAU 3303](#) Normal Language Development

[SPAU 3304](#) Communication Sciences

[SPAU 3343](#) Phonetics

Elective Courses: 6 semester credit hours

Choose two courses from the following:

[SPAU 3340](#) Articulation Disorders

[SPAU 3341](#) Audiology

[SPAU 3344](#) Anatomy and Physiology of Speech and Hearing

[SPAU 3388](#) Clinical Observation in Speech-Language Pathology

[SPAU 4308](#) Language Disorders in Children

[SPAU 4393](#) Language in Culture and Society

[SPAU 4395](#) Issues in the Management of Persons with Hearing-Impairment

1. Required for EC-6 Teacher Certification.

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