

# Bachelor of Science in Psychology

## About This Program

The Bachelor of Science in Psychology is intended for those students preparing for work and study in fields requiring more mathematics and sciences. It is also suitable for pre-medical and pre-dental students. Students preparing for study in the health professions including medicine, dentistry, pharmacology, optometry, occupational therapy, and veterinary medicine should also be advised by the Health Professions Advisor in order to meet the requirements of the corresponding professional schools.

## Competencies

1. Communication: upon completion, students will be able to develop and articulate ideas clearly and effectively across all mediums, including but not limited to written, oral, and digital communication.
2. Critical thinking: upon completion, students will be able to analyze issues, make decisions, and overcome problems by using sound reasoning in order to form a strategy, decision, or opinion.
3. Professionalism: upon completion, students will be able to display effective work habits, high integrity, and ethical behavior. Possess the ability to demonstrate skills confidently and apply talents to achieve professional success.
4. Human connection and interaction: upon completion, students will be able to establish and maintain constructive and cooperative working relationships with others.
5. Knowledge and application of psychology: upon completion, students will possess a foundational knowledge of psychological theory and concepts to critically evaluate the adequacy of scientific research and translate those concepts into everyday life applications.

## Admissions Requirements

Students who wish to apply for major status in psychology must first meet the University and College of Science requirements (<https://catalog.uta.edu/science/#undergraduatepolicies>) for admission to major status and the specific requirements of the Department of Psychology listed below.

Overall and Psychology GPA of at least 2.25. To be changed to full major you must first complete PSYC 2300 (<https://catalog.uta.edu/search/?P=PSYC%202300>), PSYC 3200 (<https://catalog.uta.edu/search/?P=PSYC%203200>) and PSYC 3300 (<https://catalog.uta.edu/search/?P=PSYC%203300>) with a C or better in each course.

## ADMISSION TO UPPER-LEVEL LABORATORY COURSES

To enroll in the Advanced Topic courses the student must make a C or better in both PSYC 2300 (<https://catalog.uta.edu/search/?P=PSYC%202300>), PSYC 3200 (<https://catalog.uta.edu/search/?P=PSYC%203200>) and PSYC 3300 (<https://catalog.uta.edu/search/?P=PSYC%203300>) or equivalent courses and must have completed the associated upper-division lecture course.

Advanced Topic courses: PSYC 4410 (<https://catalog.uta.edu/search/?P=PSYC%204410>), PSYC 4411 (<https://catalog.uta.edu/search/?P=PSYC%204411>), PSYC 4412 (<https://catalog.uta.edu/search/?P=PSYC%204412>), PSYC 4415 (<https://catalog.uta.edu/search/?P=PSYC%204415>), PSYC 4420 (<https://catalog.uta.edu/search/?P=PSYC%204420>), PSYC 4421 (<https://catalog.uta.edu/search/?P=PSYC%204421>), PSYC 4430 (<https://catalog.uta.edu/search/?P=PSYC%204430>), PSYC 4431 (<https://catalog.uta.edu/search/?P=PSYC%204431>), PSYC 4432, (<https://catalog.uta.edu/search/?P=PSYC%204432>) PSYC 4433 (<https://catalog.uta.edu/coursedescriptions/psyc/>).

## Curriculum

A Bachelor of Science in Psychology can be achieved by completing a minor in a different discipline or by completing 18 hours of Psychology electives. Please consult with the Psychology undergraduate advisor before choosing one of these options.

### Foundations

General Core Requirements (<https://catalog.uta.edu/academicregulations/degree requirements/generalcore requirements/>)

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Students must complete specific courses in certain core areas.

For Communication select:

|                          |   |
|--------------------------|---|
| ENGL 1301<br>& ENGL 1302 | RHETORIC AND COMPOSITION I<br>and RHETORIC AND COMPOSITION II |
|--------------------------|---|

For Life & Physical Science select:

|                          |  |
|--------------------------|--|
| BIOL 1441<br>& BIOL 1442 | BIOLOGY I FOR SCIENCE MAJORS: CELL AND MOLECULAR BIOLOGY<br>and BIOLOGY II FOR SCIENCE MAJORS: ECOLOGY AND EVOLUTION |
|--------------------------|--|

For Mathematics select:

|           |  |
|-----------|--|
| MATH 1421 | PREPARATION FOR CALCULUS (May substitute a 3 hour course with ALEKS placement into calculus) |
| MATH 1426 | CALCULUS I <sup>1</sup>  |

Psychology Foundations

|  |  |   |
|--|--|---|
| Additional hours required in core  |  | 3 |
| In consultation with academic advisor, select additional courses in Life & Physical Sciences sufficient to bring total hours to 14 (including courses taken in core). Exclusions include Astronomy and Environmental Sciences. |  | 6 |
| PSYC 2315  | STUDENT SUCCESS IN PSYCHOLOGY  | 3 |
| PSYC 3360  | CAREERS IN PSYCHOLOGY  | 3 |
| Select one of the following in computer literacy:  |  | 3 |
| CSE 1310   | INTRODUCTION TO COMPUTERS & PROGRAMMING                              |   |
| INSY 2303  | INTRODUCTION TO M.I.S. AND DATA PROCESSING                           |   |
| An equivalent course approved by advisor.  |  |   |
| Select one of the following in oral communication competency:  |  | 3 |
| COMS 1301  | FUNDAMENTALS OF PUBLIC SPEAKING                                      |   |
| COMS 2305  | BUSINESS AND PROFESSIONAL COMMUNICATION                              |   |
| COMS 2302  | PROFESSIONAL AND TECHNICAL COMMUNICATION FOR SCIENCE AND ENGINEERING |   |
| <b>Psychology Specialization</b>   |  |   |
| PSYC 1315  | INTRODUCTION TO PSYCHOLOGY   | 3 |
| PSYC 2300  | STATISTICS IN PSYCHOLOGY   | 3 |
| PSYC 3200  | EXPERIENCING RESEARCH IN PSYCHOLOGY                                  | 2 |
| PSYC 3300  | RESEARCH METHODS IN PSYCHOLOGY                                       | 3 |
| Core Lectures  |  |   |
| PSYC 3315  | SOCIAL PSYCHOLOGY  | 3 |
| PSYC 3322  | BRAIN AND BEHAVIOR   | 3 |
| PSYC 3334  | COGNITIVE PROCESSES  | 3 |
| PSYC 3302  | BUSINESS PSYCHOLOGY  | 3 |
| Lecture Groups   |  |   |
| Select one from each of Groups I, II, III, and IV:   |  |   |
| Group I  |  | 3 |
| PSYC 2317  | BASIC CONCEPTS IN HUMAN SEXUALITY                                    |   |
| PSYC 3303  | DRUGS AND BEHAVIOR   |   |
| PSYC 3314  | PSYCHOLOGY OF PERSONALITY  |   |
| PSYC 3325  | DATA SCIENCE IN PSYCHOLOGY   |   |
| PSYC 3357  | CYBERPSYCHOLOGY BASIC CONCEPTS                                       |   |
| PSYC 3358  | CYBERPSYCHOLOGY APPLICATIONS   |   |
| PSYC 3359  | POLITICAL PSYCHOLOGY FOR THE INTERNET                                |   |
| PSYC 4339  | PSYCHOLOGY OF JUDGMENT AND CHOICE                                    |   |
| PSYC 4359  | SELECTED TOPICS IN PSYCHOLOGY  |   |
| Group II   |  | 3 |
| PSYC 3304  | ANALYSIS & MANAGEMENT OF BEHAVIOR                                    |   |
| PSYC 3320  | BEHAVIOR AND MOTIVATION  |   |
| PSYC 3326  | ANIMAL BEHAVIOR  |   |
| PSYC 3356  | EVOLUTIONARY PSYCHOLOGY  |   |
| PSYC 4309  | NEUROPHARMACOLOGY  |   |
| PSYC 4315  | HORMONES AND BEHAVIOR  |   |
| PSYC 4327  | BEHAVIORAL GENETICS  |   |
| PSYC 4332  | THEORIES OF HUMAN LEARNING AND MEMORY                                |   |
| PSYC 4334  | SENSATION AND PERCEPTION   |   |
| PSYC 4335  | COGNITIVE DEVELOPMENT  |   |
| PSYC 4338  | COGNITIVE NEUROSCIENCE   |   |
| Group III  |  | 3 |
| PSYC 3310  | DEVELOPMENTAL PSYCHOLOGY   |   |
| PSYC 3312  | SOCIAL & PERSONALITY DEVELOPMENT                                     |   |
| PSYC 3317  | INTRODUCTION TO CLINICAL AND COUNSELING PSYCHOLOGY                   |   |
| PSYC 3318  | ABNORMAL PSYCHOLOGY  |   |

|   |   |            |
|---|---|------------|
| PSYC 3319   | PSYCHOLOGY OF ADOLESCENCE                               |            |
| PSYC 4357   | HEALTH PSYCHOLOGY                                       |            |
| Group IV  |   | 3          |
| PSYC 3301   | PSYCHOLOGY OF HUMAN RELATIONS                           |            |
| PSYC 3305   | PSYCHOLOGY OF EMPLOYEE TRAINING                         |            |
| PSYC 3306   | PSYCHOLOGY OF CREATIVITY AND CREATIVE THINKING          |            |
| Advanced Topics Course  |   |            |
| Select one of the following:  |   | 4          |
| PSYC 4410   | ADVANCED TOPICS IN DEVELOPMENTAL PSYCHOLOGY             |            |
| PSYC 4411   | ADVANCED TOPICS IN PERSONALITY                          |            |
| PSYC 4412   | ADVANCED TOPICS IN SOCIAL PSYCHOLOGY                    |            |
| PSYC 4420   | EXPERIMENTAL ANALYSIS OF BEHAVIOR                       |            |
| PSYC 4421   | ADVANCED TOPICS IN NEUROSCIENCE                         |            |
| PSYC 4415   | INTERNSHIP IN PSYCHOLOGY                                |            |
| PSYC 4430   | ADVANCED TOPICS IN CLINICAL COUNSELING                  |            |
| PSYC 4431   | ADVANCED TOPICS IN COGNITIVE SCIENCE                    |            |
| PSYC 4432   | ADVANCED TOPICS IN HEALTH                               |            |
| PSYC 4433   | ADVANCED TOPICS IN INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY |            |
| <b>Minor or Emphasis</b>  |   |            |
| Select a minor of 18 hours in a discipline other than Psychology or 18 total hours of Psychology electives. |   | 18         |
| <b>Electives</b>  |   |            |
| Select electives sufficient to bring total hours to 120.  |   |            |
| <b>Total Hours</b>  |   | <b>120</b> |

<sup>1</sup> Prerequisites may add hours to the total required for the degree.

|  |              |  |              |
|--|--------------|--|--------------|
| <b>First Year</b>  |              |  |              |
| <b>First Semester</b>  | <b>Hours</b> | <b>Second Semester</b>                 | <b>Hours</b> |
| ENGL 1301  |              | 3 ENGL 1302                            | 3            |
| PSYC 2315  |              | 3 MATH 1426                            | 4            |
| MATH 1421 (or other lower-level math as approved by advisor provided Calculus is already complete) |              | 3-4 BIOL 1442                          | 4            |
| PSYC 1315  |              | 3 HIST 1301                            | 3            |
| BIOL 1441  |              | 4 PSYC 3360                            | 3            |
|  |              | <b>16-17</b>                           | <b>17</b>    |
| <b>Second Year</b>   |              |  |              |
| <b>First Semester</b>  | <b>Hours</b> | <b>Second Semester</b>                 | <b>Hours</b> |
| Life & Physical Science <sup>2</sup>   |              | 3 Life & Physical Science <sup>2</sup> | 3            |
| PSYC 2300  |              | 3 POLS 2311                            | 3            |
| Group I Adv Psych Lecture  |              | 3 PSYC 3300                            | 3            |
| Creative Arts  |              | 3 Minor Course                         | 3            |
| HIST 1302  |              | 3 PSYC 3302                            | 3            |
| PSYC 3315  |              | 3                                      |              |
|  |              | <b>18</b>                              | <b>15</b>    |
| <b>Third Year</b>  |              |  |              |
| <b>First Semester</b>  | <b>Hours</b> | <b>Second Semester</b>                 | <b>Hours</b> |
| PSYC 3334  |              | 3 PSYC 3322                            | 3            |
| Minor Course   |              | 3 Minor Course                         | 3            |
| PSYC 3200  |              | 2 Minor Course                         | 3            |
| POLS 2312  |              | 3 Language/Philosophy/Culture          | 3            |
| Group II Adv Psych Lecture   |              | 3 COMS 1301, 2302, or 2305             | 3            |
|  |              | <b>14</b>                              | <b>15</b>    |
| <b>Fourth Year</b>   |              |  |              |
| <b>First Semester</b>  | <b>Hours</b> | <b>Second Semester</b>                 | <b>Hours</b> |
| Group III Adv Psych Lecture  |              | 3 Advanced Topics in Psychology        | 4            |
| Group IV Adv Psych Lecture   |              | 3 Elective Course                      | 3            |
| Minor Course   |              | 3 Elective Course                      | 3            |

|              |             |    |
|--------------|-------------|----|
| Minor Course | 3 INSY 2303 | 3  |
|              | 12          | 13 |

Total Hours: 120-121

## Advising Resources

Psychology Advisors are available to meet with:

1. Non-freshman students who have met the College of Science transition criteria to be advised in the College of Science
2. Transfer students
3. Students who wish to minor in Psychology

### EMAIL:

psychologydepartment@uta.edu

### PHONE:

817-272-2281

### WEB:

Psychology Advising (<https://www.uta.edu/academics/schools-colleges/science/departments/psychology/advising/>)