

# Behavioral Statistics

Department Information

- **Department Web Site:**  
[www.ndsu.edu/statistics/](http://www.ndsu.edu/statistics/) (<http://www.ndsu.edu/statistics/>)
- **Credential Offered:**  
B.S.; B.A.
- **Sample Program Guide:**  
[catalog.ndsu.edu/programs-study/undergraduate/behavioral-statistics/#planofstudytext](http://catalog.ndsu.edu/programs-study/undergraduate/behavioral-statistics/#planofstudytext) (<http://catalog.ndsu.edu/programs-study/undergraduate/behavioral-statistics/#planofstudytext>)

## Major Requirements

### Major: Behavioral Statistics

Degree Type: B.A. or B.S.  
Minimum Degree Credits to Graduate: 120

### University Degree Requirements

1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
3. Satisfactory completion of the general education requirements as specified by the university.
4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
5. At least 30 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.
6. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
7. Students presenting transfer credit must meet the NDSU residence credits and the minimum upper level credit. Of the 30 credits earned in residence, a minimum of 15 semester credits must be in courses numbered 300 or above, and 15 semester credits must be in the student's curricula for their declared major.

For complete information, please refer to the Degree and Graduation Requirements (<http://catalog.ndsu.edu/past-bulletin-archive/2024-25/academic-policies/undergraduate-policies/degree-and-graduation/>) section of this Bulletin.

### University General Education Requirements

A list of university approved general education courses and administrative policies are available here (<http://catalog.ndsu.edu/past-bulletin-archive/2024-25/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

| Code                                                           | Title                           | Credits   |
|----------------------------------------------------------------|---------------------------------|-----------|
| <b>Category C: Communication</b>                               |                                 | <b>12</b> |
| ENGL 110                                                       | College Composition I           |           |
| ENGL 120                                                       | College Composition II          |           |
| COMM 110                                                       | Fundamentals of Public Speaking |           |
| Upper Division Writing <sup>†</sup>                            |                                 |           |
| <b>Category R: Quantitative Reasoning <sup>†</sup></b>         |                                 | <b>3</b>  |
| <b>Category S: Science and Technology <sup>†</sup></b>         |                                 | <b>10</b> |
| <b>Category A: Humanities and Fine Arts <sup>†</sup></b>       |                                 | <b>6</b>  |
| <b>Category B: Social and Behavioral Sciences <sup>†</sup></b> |                                 | <b>6</b>  |
| <b>Category W: Wellness <sup>†</sup></b>                       |                                 | <b>2</b>  |
| <b>Category D: Cultural Diversity <sup>**†</sup></b>           |                                 |           |
| <b>Category G: Global Perspectives <sup>**†</sup></b>          |                                 |           |
| <b>Total Credits</b>                                           |                                 | <b>39</b> |

\*  
Courses for category D & G are satisfied by completing D & G designated courses in another general education category.

†

General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review major requirements to determine if specific courses can also satisfy these general education categories.

## Major Requirements

| Code                                                                                                                   | Title                                                                         | Credits      |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------|
| <b>Behavioral Statistics Requirements</b>                                                                              |                                                                               |              |
| PSYC 111                                                                                                               | Introduction to Psychology                                                    | 3            |
| PSYC Elective                                                                                                          | 200-400 Level Psychology Electives                                            | 6            |
| PSYC 350                                                                                                               | Research Methods I                                                            | 3            |
| PSYC 351                                                                                                               | Research Methods II                                                           | 3            |
| PSYC Elective                                                                                                          | 400 Level Psychology Elective                                                 | 3            |
| STAT 330                                                                                                               | Introductory Statistics (May satisfy general education category R)            | 3            |
| STAT 331                                                                                                               | Regression Analysis                                                           | 2            |
| STAT 462                                                                                                               | Introduction to Experimental Design (Capstone)                                | 3            |
| STAT 470                                                                                                               | Statistical SAS Programming                                                   | 3            |
| or STAT 471                                                                                                            | Introduction to the R Language                                                |              |
| Select two courses from the following:                                                                                 |                                                                               | 6            |
| STAT 460                                                                                                               | Applied Survey Sampling                                                       |              |
| STAT 463                                                                                                               | Nonparametric Statistics                                                      |              |
| STAT 469                                                                                                               | Introduction to Biostatistics                                                 |              |
| STAT 472                                                                                                               | Time Series                                                                   |              |
| <b>Select one course from 3 of the following 4 groups (A-D)</b>                                                        |                                                                               |              |
| Group A - Social/Personality:                                                                                          |                                                                               | 3            |
| PSYC 453                                                                                                               | Organizational Psychology                                                     |              |
| PSYC 468                                                                                                               | Personality                                                                   |              |
| PSYC 470                                                                                                               | Experimental Social Psychology                                                |              |
| Group B - Perception/Cognition:                                                                                        |                                                                               | 3            |
| PSYC 460                                                                                                               | Sensation & Perception                                                        |              |
| PSYC 461                                                                                                               | Memory And Knowledge                                                          |              |
| PSYC 464                                                                                                               | Attention & Thinking                                                          |              |
| Group C - Biological Bases of Behavior:                                                                                |                                                                               | 3            |
| PSYC 465                                                                                                               | Psychobiology                                                                 |              |
| PSYC 481                                                                                                               | Health Psychology                                                             |              |
| PSYC 486                                                                                                               | Neuropsychology                                                               |              |
| Group D - Individual Differences:                                                                                      |                                                                               | 3            |
| PSYC 463                                                                                                               | Experimental Developmental Psychology                                         |              |
| PSYC 471                                                                                                               | The Psychology Of Aging                                                       |              |
| PSYC 472                                                                                                               | Advanced Psychopathology                                                      |              |
| PSYC 473                                                                                                               | Child Psychopathology and Therapy                                             |              |
| Capstone Experience: Select one of the following courses or have completed one course from each of the 4 groups (A-D): |                                                                               | 2-3          |
| PSYC 480                                                                                                               | History & Systems                                                             |              |
| PSYC 489                                                                                                               | Honors Thesis                                                                 |              |
| <b>Related Courses Required</b>                                                                                        |                                                                               |              |
| ANTH 111                                                                                                               | Introduction to Anthropology (May satisfy general education category B and D) | 3            |
| BIOL 126                                                                                                               | Human Biology (May satisfy general education category S)                      | 3            |
| CSCI 114                                                                                                               | Computer Applications (May satisfy general education category S)              | 3            |
| or TL 116                                                                                                              | Business Software Applications                                                |              |
| MATH 103                                                                                                               | College Algebra (or higher level if needed as a prerequisite)                 | 3            |
| SOC 110                                                                                                                | Introduction to Sociology (May satisfy general education category B)          | 3            |
| <b>Total Credits</b>                                                                                                   |                                                                               | <b>64-65</b> |

**Program notes**

- Except for courses offered only as pass/fail grading, no course may be taken Pass/Fail.