

# SCHREINER UNIVERSITY DEGREE PLAN

## 2025-2026 Catalog

Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

☐ Faculty Mentor ☐ Professional Advisor: \_\_\_\_\_

### Bachelor of Science: Biology - Pre-Veterinary

| Schreiner Core Requirements:   | Hours     | Grade |
|--------------------------------|-----------|-------|
| Analytical Abilities           | 3         |       |
|                                | 3         |       |
| Communication                  | 3         |       |
|                                | 3         |       |
| Global Perspective             | 3         |       |
|                                | 3         |       |
| Pers./Soc. Responsibility      | 3         |       |
| Engagement                     | 3         |       |
|                                | 3         |       |
| Skill & Resource Use IDST 1301 | 3         |       |
| Aesthetic Appreciation         | 3         |       |
| <b>Core Total:</b>             | <b>33</b> |       |

#### Analytical Abilities 6 hours chosen from:

BIOL 1300 Human Biology  
 BIOL 1301 Concepts of Biological Science  
 BIOL 1306 Environmental Science  
 BSAD 2331 Economics  
 CHEM 1301 General Chemistry I  
 CHEM 1303 Introductory Chemistry  
 IDST 2305 Perspectives in Critical Thinking  
 MATH 1310 College Algebra  
 MATH 1311 Math Concepts for Business  
 MATH 1321 Precalculus  
 MATH 2422 Calculus I  
 MATH 2423 Calculus II  
 PHYS 1300 Introduction to Astronomy  
 PHYS 1301 College Physics I  
 PHYS 2325 University Physics I  
 At least one course must be in science or mathematics.

#### Communication 6 hours chosen from:

COMM 2301 Public Speaking  
 ENGL 1301 Rhetoric and Composition  
 ENGL 1302 Literature and Composition

#### Global Perspective 6 hours chosen from:

HIST 1350 World Civilizations to 1600  
 HIST 1351 World Civilizations from 1600  
 IDST 4340 Problems And Solutions in Global Society  
 POLS 2303 Introduction to International Relations  
 RELI 1320 Survey of World Religions: Eastern Religions  
 RELI 1331 Survey of Western Religions

#### Engagement 6 hours chosen from:

HIST 1301 United States History Through the Civil War  
 HIST 1302 United States History Since the Civil War  
 POLS 2301 American Government (National and Texas) Organization

#### Personal and Social Responsibility 3 hours chosen from:

FIN 2301 Personal Finance  
 PHIL 1301 Introduction to Philosophy  
 PHIL 1310 Introduction to Ethics  
 PHIL 2311 Business Ethics  
 PHIL 2312 Environmental Ethics  
 PSYC 1300 Psychology of Adjustment  
 PSYC 1301 Introduction to Psychology  
 RELI 2311 Development of Christian Ethics  
 SOCI 1301 Introduction to the Study of Society

#### Skill and Resource Use 3 hours

IDST 1301 Freshman Studies

#### Aesthetic Appreciation 3 hours chosen from:

ART 1340 Introduction to the Visual Arts  
 ART 1350 Color Theory  
 ART 2340 Art History I  
 ART 2341 Art History II  
 ART 2371 Topics in Art History  
 DESN 1303 Introduction to Design  
 ENGL 2340 World Literature through the Renaissance  
 ENGL 2341 World Literature from the Renaissance  
 ENGL 2350 Introduction to Film  
 IDST 3360 The Creative Experience  
 MUSC 1303 Introduction to Music  
 THRE 1301 Introduction to the Theatre I

All students are required to complete the Schreiner Core as part of the university's holistic educational experience.

See the reverse side for additional information and fulfillment of your degree plan requirements.

**Note: \* Fulfills Core Requirement**

*Please see the reverse side.*

# SCHREINER UNIVERSITY DEGREE PLAN

## 2025-2026 Catalog

### Bachelor of Science: Biology - Pre-Veterinary

**Note: \* Fulfills Core Requirement**

| Collateral Requirements for Major:                          |                                                                                   | Hours        | Grade |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------|
| BIOL 1301/1102                                              | Concepts of Biological Science   Concepts of Biological Science Lab               | 1-4*         |       |
| BIOL 1302/1103                                              | Organismal Biology   Organismal Biology Lab                                       | 4            |       |
| BIOL 2305/2105                                              | Genetics   Genetics Lab                                                           | 4            |       |
| BIOL 2350                                                   | Writing and Research in Science                                                   | 3            |       |
| CHEM 1301/1101                                              | General Chemistry I   General Chemistry I Lab                                     | 1-4*         |       |
| CHEM 1302/1102                                              | General Chemistry II   General Chemistry II Lab                                   | 4            |       |
| CHEM 2311/2111                                              | Organic Chemistry I   Organic Chemistry I Lab                                     | 4            |       |
| CHEM 2312/2112                                              | Organic Chemistry II   Organic Chemistry II Lab                                   | 4            |       |
| COMM 2301                                                   | Public Speaking                                                                   | 0-3*         |       |
| ENGL 1301                                                   | Rhetoric and Composition                                                          | 0-3*         |       |
| ENGL 1302                                                   | Literature and Composition                                                        | 0-3*         |       |
| MATH 1310                                                   | College Algebra                                                                   | 0-3*         |       |
| MATH 2330                                                   | Applied Statistics                                                                | 3            |       |
| PHYS 1301 or 2325                                           | College Physics I   University Physics I                                          | 0-3*         |       |
| PHYS 1101 or 2125                                           | College Physics II Lab   University Physics II Lab                                | 1            |       |
| PHYS 1302 or 2326                                           | College Physics II   University Physics II                                        | 0-3*         |       |
| PHYS 1101 or 2125                                           | College Physics II Lab   University Physics II Lab                                | 1            |       |
| <b>Collateral Total:</b>                                    |                                                                                   | <b>42-48</b> |       |
| Major Field (Advanced):                                     |                                                                                   | Hours        | Grade |
| BIOL <sup>1</sup>                                           | Herpetology   Mammalogy   Ornithology   General Entomology   Invertebrate Zoology | 3            |       |
| BIOL 3340                                                   | Evolutionary Biology                                                              | 3            |       |
| BIOL 3331                                                   | Principles of Animal Nutrition                                                    | 3            |       |
| BIOL 3314/3114                                              | General Microbiology   General Microbiology Lab                                   | 4            |       |
| BIOL 3114                                                   | General Microbiology Lab                                                          | 1            |       |
| BIOL 3352/3152                                              | Cell Biology   Cell Biology Lab                                                   | 4            |       |
| CHEM 3305                                                   | Biochemistry I                                                                    | 3            |       |
| BIOL 4398 or 4399                                           | Internship in Biology or Senior Project in Biology - R                            | 3            |       |
| <b>Major Field Total:</b>                                   |                                                                                   | <b>24</b>    |       |
| Electives:                                                  |                                                                                   | Hours        | Grade |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
|                                                             |                                                                                   |              |       |
| <b>Elective Total:</b>                                      |                                                                                   | <b>15-21</b> |       |
| <b>Total Hours (Including Schreiner Core Requirements):</b> |                                                                                   | <b>120</b>   |       |

**BIOL<sup>1</sup>: Choose from:**

|                            |                                     |
|----------------------------|-------------------------------------|
| BIOL 3345/3145 Herpetology | BIOL 3348/3148 General Entomology   |
| BIOL 3346/3146 Mammalogy   | BIOL 3355/3155 Invertebrate Zoology |
| BIOL 3347/3147 Ornithology | or approved topics course           |

To earn a baccalaureate degree, at least 25% of applied credit hours must be taken at Schreiner University. Additionally, 30 of the final 36 credit hours must be taken at Schreiner University, and 12 of those 30 must be upper-level courses. Please refer to the Academic Catalog for more details.

The degree plan is not valid until all three signatures are affixed.

|              |                     |                |
|--------------|---------------------|----------------|
| Student/Date | Faculty Mentor/Date | Registrar/Date |
| JUL 2025     |                     |                |