To address the breadth and depth essential to educating biologists, the biology major is structured to include both a broad foundation through core courses and opportunity for specialization within a biological subfield through biology electives. The major is designed to prepare the student for a post-baccalaureate profession in biology, for advanced professional training in the health sciences, or for graduate study in basic and applied areas of the biological sciences.

122 hours (minimum)

Any student earning a Bachelor of Science (BS) degree must complete a minimum of 60 hours in natural, physical, mathematical, and computer science. A complete description of College requirements for a Bachelor of Science degree, including a specific listing of courses applicable to the 60-hour requirement, can be found on pages 103-104 of the 2007-2008 UK Bulletin.

University Studies Program Requirements

| I. Math (completed by Premajor Requirement) | 0-8 |
| II. Foreign Language (placement exam recommended) | 0-8 |
| III. Inference–Logic (completed by Premajor Requirement) | 0-4 |
| IV. Written Communication (completed by Premajor Requirement) | 0-4 |
| V. Oral Communication (completed by Premajor Requirement) | 3 |
| VI. Natural Sciences (completed by Premajor Requirements) | 6 |
| VII. Social Sciences (completed by Premajor Requirements) | 6 |
| VIII. Humanities (completed by USP Cross-Cultural Requirement) | 6 |
| IX. Cross-Cultural (choose a Humanities course) | 3 |
| X. Electives (choose a Social Science course) | 3 |

USP hours: 21-33

Graduation Writing Requirement

After attaining sophomore status, students must complete a Graduation Writing Requirement course. See “University Writing Requirement” on page 72 of the 2007-2008 UK Bulletin.

Graduation Writing Requirement Hours: 3

College Requirements

I. Foreign Language (placement exam recommended) 0-8

II. Disciplinary Requirements

a. Natural Science (completed by Premajor Requirements)

b. Social Science (completed by USP Elective Requirement)

c. Humanities (completed by USP Cross-Cultural Requirement)

III. Laboratory or Field Work (completed by Premajor Requirement) 6

IV. Electives (completed by Premajor Requirement) 6-14

College Required hours: 6-14
**Biology (B.S.) • 2**

**PPA** 395, 400G, 503  
**PSY** 312, 456, 459, 552, 558, 565  
**STA** 281, 291 (STA 291), 292, 503, 570, 580 (Generally only one statistics course is accepted. Other STA courses may be accepted at the discretion of your advisor, and this may depend upon the area of biology in which you choose to specialize.)  
**TOX** 508, 509, 560  
**VS** 395

**From Outside the Major Department**  
Choose either CHE 230/231/232 (CHE 230/231/232)  
**or**  
CHE 226/231 (CHE 226/231) and BCH 401G ........................................... 8  
Choose either PHY 211/213 (PHY 211/213)  
**or**  
PHY 231/232/241/242 (PHY 231/232/241/242) ...................................... 10  
**Other Major hours:** ............................................................................ 34  
**Total Minimum Hours Required for Degree** ................................. 122

*Course used towards completion of a USP or College Requirement.*