

**SPRING '18 DEADLINE FOR APPLICATION: FRIDAY, FEBRUARY 9**

# **BIOLOGY & SOCIETY**

## **APPLICATION FOR ADMISSION**

**FILL OUT COMPLETELY AND RETURN TO 303 MORRILL HALL.**

**DIRECTIONS:** *This application must be accompanied by (1) your statement of goals and (2) your transcript(s). (See "Guidelines for Application").*

Name: \_\_\_\_\_ College: \_\_\_\_\_ Date: \_\_\_\_\_  
(last) (first) (middle)

Date you entered Cornell: \_\_\_\_\_ 20\_\_ Expected graduation date: \_\_\_\_\_ 20\_\_

Local address: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_  
\_\_\_\_\_ Cornell NET ID (email): \_\_\_\_\_

Home address: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_  
\_\_\_\_\_

Sex: M\_\_\_ F\_\_\_ 7 digit CU ID# : \_\_\_\_\_

High school attended: \_\_\_\_\_ City/State: \_\_\_\_\_

Current Major: \_\_\_\_\_

Current advisor: \_\_\_\_\_ Dept/College: \_\_\_\_\_

Previous advisor (if any): \_\_\_\_\_ Dept/College: \_\_\_\_\_

**IMPORTANT:** Are you dropping a previous Major? No \_\_\_ Yes \_\_\_ If so, what? \_\_\_\_\_

Are you a double major? Yes \_\_\_ No \_\_\_ Other major \_\_\_\_\_

Cornell GPA : \_\_\_ As of (date) : \_\_\_\_\_

Did you transfer from another college or university? Yes: \_\_\_ No: \_\_\_

Which college or university: \_\_\_\_\_ Period attended: \_\_\_\_\_

Degree received (if any) : \_\_\_\_\_

What is your vocational goal? Describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Are you planning to attend a professional school after graduation? \_\_\_\_\_

Law: \_\_\_ Medicine: \_\_\_ Vet: \_\_\_ Business: \_\_\_ Grad: \_\_\_ Other: \_\_\_\_\_

Describe any extra-curricular activities you are engaged in at Cornell:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

How did you hear about the Biology & Society major? \_\_\_\_\_  
\_\_\_\_\_

**Biology & Society Theme:**

CHECK ONE

Biology, Behavior and Society (BBS): \_\_\_\_  
 Biology and Human Population (BHP): \_\_\_\_  
 Biology and Public Policy (BPP): \_\_\_\_  
 Environment and Society (ES) : \_\_\_\_  
 Food, Agriculture and Society (FAS): \_\_\_\_  
 Health and Society (HS) : \_\_\_\_  
 Other (specify) : \_\_\_\_\_

**REQUIREMENTS CHECKLIST**

Please indicate course requirements already completed by recording grade received. AP credit for Intro Bio not accepted starting with the class of '14. If advanced placement, mark "AP." If transfer credit, write "tr" after grade. Put the semester and year (e.g., S18) in the space marked "grade" next to courses to indicate when you plan to take the course. **See the 2017-2018 Courses of Study for further information on AP and transfer credit.** **NOTE:** All courses taken to fulfill major requirements must be at least 2000 level (except basic courses in "I" below and Math 1710, NS 1150 and 1220, BSOC 1941 and 1942), at least 3 credit hours, taken for a letter grade, and students must receive at least a C- as a final grade. **CHOSEN COURSES CAN ONLY BE USED TO FULFILL ONE MAJOR REQUIREMENT.**

**I. BASIC COURSES: Please note your grades below. If not yet taken, note semester you plan to take the course.**

**Intro Biology :** (2 out of the following: BioMG 1350 \_\_\_\_; BioG 1440 \_\_\_\_ or BioG 1445 \_\_\_\_; BioEE 1610 \_\_\_\_ or BioSM 1610 \_\_\_\_; BIOSM 1780 \_\_\_\_ or BioEE 1780 \_\_\_\_ **OR** BioG 1105 \_\_\_\_ 1106 \_\_\_\_)

Students can also take BioSM 1610, BioSM 1780, and BioG 1445, but not in conjunction with BioEE 1610, BioEE 1780 or BioG 1440 (Students are not required to take BioG 1500, but may wish to for a lab experience)

**Calculus:** Math 1106 \_\_\_\_ Math 1110 \_\_\_\_ Math 1120 \_\_\_\_  
 (1 course) (3) (4) (4)

Or other higher level calculus course, (or statistics by petition)\*:

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade \_\_\_\_

**RECOMMENDED, NOT REQUIRED:** (CAUTION: Chemistry is a prerequisite for many courses).

**Chemistry:** Chem 1560 \_\_\_\_ Chem 2070 \_\_\_\_ Chem 2150 \_\_\_\_  
 (4) (8) 2080 \_\_\_\_ (8) 2160 \_\_\_\_

In the space marked "grade" below, please note the semester you plan to take the course if you have not yet taken it, (e.g., F17, S18, etc). Note your grade if you have taken the course. All courses must be above the 2000 level unless otherwise noted, and at least 3 credits.

**II. FOUNDATION COURSES (Ethics must be completed by end of junior year.** It is desirable for the other foundation courses to be completed by end of junior year). All Foundation courses and Core course must be chosen from Biology & Society list of approved courses available in 303 Morrill Hall.

**A. Ethics:** Either BSOC 2051 (Ethical Issues in Health & Medicine) or BSOC 2061 (Environmental Ethics)  
 No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

**B. Social Sciences/Humanities Foundation: Two** courses from any two of the following 5 subject areas: (1) History of Science; (2) Philosophy of Science; (3) Sociology of Science; (4) Politics of Science; and (5) Science Communication

**Area 1:** \_\_\_\_\_

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

**Area 2:** \_\_\_\_\_

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

**C. Biology Foundation (BREADTH): Three** courses from three of the following subject areas: Ecology (BioSM 3640 or BioSM 3750); Biochemistry, Molecular and Cell Biology (BioMG 3300 or 3310 or 3330 or 3350 or NS 3200); Genetics & Development (BioMG 2800, 2810, 2820, or PLBR 2250 or NTRES 2830); Neurobiology (BioNB 2220); Animal Behavior (BioNB 2210, 2213 or BioSM 3290); Anatomy and Physiology (NS 3410 or BioAP 3110); Biological Diversity (BioMI 2900 or BioPL 2410 or BioPL 2430 or BioPL 2480 or BioSM 3730 or BioEE 2740 or BioEE 4500 or BioEE 4750 or BioEE 4760 or BioEE 4700 **AND** 4701 or ENTOM 2120 or PLPA 3010 or PLPA 3090 or BioSM 3100 or BioSm 3740 or BioSM 3770 or BioSM 4490 or BioSM 3210 or BioSM 3080); Nutrition (NS 1150● or NS 1220●):

**Area 1:** \_\_\_\_\_

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

**Area 2:** \_\_\_\_\_

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

**Area 3:** \_\_\_\_\_

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

☞ Put the semester and year in the space marked "grade" next to courses you have not yet taken but plan to take, e.g., F17, S18, etc).

\* Students may petition to take a second statistics course (an advanced course, in sequence with the statistics course taken in the foundation) in place of the calculus requirement.

● A list of approved Depth courses for NS 1150 and NS 1220 is attached.

D. **Biology Foundation (DEPTH):** One course for which one of the biology breadth courses (2.C) is a prerequisite●.

**Area:** \_\_\_\_\_  
No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

E. **Statistics:** One course selected from: STSCI 2150, Btry 3010, AEM 2100, Soc 3010 (only open to AS students), Math 1710, ILRST 2100, PAM 2100 (only open to CHE students), Econ 3130 or Psych 3500

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

III. **CORE COURSE: (one course).** Should be completed by end of junior year. **BSOC 3011/STS 3011 or BSOC/STS/HIST 1942 or NTRES 2320 or BSOC/STS 2821/HIST 2820**

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

IV. **THEME: Five** courses forming a coherent theme. Courses must be above the 2000-level unless otherwise noted, at least 3 credit hours and taken for a letter grade. The Senior Seminar must be chosen from the approved BSOC listing and can be taken junior or senior year.

**SUGGESTED THEMES:** Biology, Behavior & Society; Biology & Public Policy; Biology & Human Population; Environment & Society; Food, Ag., & Society; Health & Society; Genetics & Society; Gender & Society; Other (developed by student).

**PLEASE WRITE YOUR THEME HERE:** \_\_\_\_\_

A. **Biology & Society Natural Sciences Issues/Biology Elective (two courses)**

Select from the list of Bio&Soc-approved Natural Sciences Issues courses or choose course(s) which require introductory biology as a prerequisite.

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_  
No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

B. **Humanities/Social Sciences Electives (Two courses.** Courses from the list of Senior Seminars may be used as theme electives if not used to meet another requirement).

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_  
No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

C. **Senior Seminar (One course taken junior or senior year).**

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

If you have taken or plan to take other applicable thematic courses, please list them here.

No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_  
No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_  
No. & Title \_\_\_\_\_ Crhr \_\_\_\_ Grade<sup>☞</sup> \_\_\_\_

**NOTES:**

- ☞ Put the semester and year in the space marked "grade" next to courses you have not yet taken but plan to take.
- \* Students may petition to take a second statistics course (an advanced course, in sequence with the statistics course taken in the foundation) in place of the calculus requirement.
- A list of approved Depth courses for NS 1150 and NS 1220 is attached.

Do you plan to participate in any of the following programs? Please indicate anticipated timetable of program or, if completed, so indicate:

	When and where	Term/year
Field study :	_____	_____
Cornell in Washington:	_____	_____
Study abroad:	_____	_____
Internships:	_____	_____
Other:	_____	_____

Are you planning to do independent study? Yes: \_\_\_ No: \_\_\_  
 Honors? Yes: \_\_\_ No: \_\_\_

**COURSE SCHEDULE BY SEMESTER** (Start with current term and go until graduation. Include credit hours and name and course number)

<u>Spring 2018</u>	Cr. Hr.	<u>Fall 2018</u>	Cr. Hr.
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total CALS credit	_____	Total CALS credit	_____
Total Arts credit	_____	Total Arts credit	_____
Total CHE credit	_____	Total CHE credit	_____

<u>Spring 2019</u>	Cr. Hr.	<u>Fall 2019</u>	Cr. Hr.
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total CALS credit	_____	Total CALS credit	_____
Total Arts credit	_____	Total Arts credit	_____
Total CHE credit	_____	Total CHE credit	_____

<u>Spring 2020</u>	Cr. Hr.	<u>Use only if needed Fall 2020</u>	Cr. Hr.
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total CALS credit	_____	Total CALS credit	_____
Total Arts credit	_____	Total Arts credit	_____
Total CHE credit	_____	Total CHE credit	_____

**PLEASE RETURN THIS APPLICATION TO 303 MORRILL HALL.**

# BIOLOGY & SOCIETY

## APPROVED DEPTH COURSES USING NS 1150 or NS 1220 as a Prerequisite

**The following courses are approved Nutrition Depth courses using NS 1150 or NS 1220 as a Biology Foundation prerequisite. If used for the depth course, they may not be used to fulfill any other major requirement.**

NS 2750 Human Biology and Evolution (also Anthr 2750) (3 credits)

NS 3150 Obesity and the Regulation of Body Weight (also Psych 3150) (3 credits)

NS 3200 Introduction to Human Biochemistry (4 credits)

NS 3310 Physiological and Biochemical Bases of Human Nutrition (4 credits)

NS 3320 Methods in Nutritional Sciences (3 credits)

NS 3410 Human Anatomy & Physiology (4 credits)

NS 3450 Nutritional and Physiocochemical Aspects of Food (also FDSC 2000) (3 credits)

NS 4210 Nutrition and Exercise (3 credits)

NS 4410 Nutrition and Disease (4 credits)

NS 4444 Sports Nutrition and Supplements: Concepts and Evidence (3 credits)

\*\*\*NS 3220 Maternal and Child Nutrition requires NS 1220 only as a prerequisite\*\*\*