

FALL '09 DEADLINE FOR APPLICATION: MONDAY, SEPTEMBER 21, 2009

BIOLOGY & SOCIETY

APPLICATION FOR ADMISSION

PLEASE TYPE OR USE DARK BLACK INK ONLY.

This application will not be accepted if it is incomplete or too faint to Xerox! Please follow the directions carefully.

PLEASE RETURN TO 306 ROCKEFELLER HALL.

DIRECTIONS: This application must be accompanied by (1) your statement of goals and (2) your transcript. (See "Guidelines for Application"). Arts students only: This application must also be accompanied by the College of Arts & Sciences Advisor/Major form. Obtain this form in 306 Rockefeller Hall. Human Ecology students only: You must also complete page 5 of this application listing courses you plan to take to fulfill 43 Human Ecology credit hours. You are required to obtain your advisor's signature on page 5.

Name: _____ College: _____ Date: _____
(last) (first) (middle)

Date you entered Cornell: _____ 20__ Expected graduation date: _____ 20__

Local address: _____ Telephone: () _____
_____ E-mail address: _____

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? _____

- OVER

Biology & Society Theme:
CHECK ONE

Biology, Behavior and Society (BBS): ____ page 2
 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. If advanced placement, mark "AP." If transfer credit, mark an asterisk (*) after grade. [☞] Put the semester and year (e.g., S09) in the space marked "grade" next to courses to indicate when you plan to take the course. **Arts & Sciences students may only use AP credit for courses in the major if the AP credit is used as elective credit rather than meeting college distribution requirements. See the 2009-2010 Courses of Study for further information on AP and transfer credit. NOTE: All courses taken to fulfill major requirements must be at least 200 level (except basic courses in "I" below and Math 1710, NS 1150 and 1220), at least 3 credit hours and taken for a letter grade.**

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

Intro Biology : BioG 1101 ____ BioG 1105 ____ BioG 1107 ____
 (1 year) (8) 1103 ____ (8) 1106 ____ (8) 1108 ____
 1102 ____
 1104 ____

(or 2) Other Entry level Bio _____ Other Entry level Bio _____

Calculus: [☞] Math 1106 ____ Math 1110 ____ Math 1120 ____
 (1 course) (3) (3) (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. Note your grade if you have taken the course.

II. FOUNDATION COURSES (should be completed by end of junior year, if possible). All Foundation courses must be chosen from Biology & Society list of approved courses available in 306 Rockefeller.

A. Ethics: Either Bio&Soc 2051 (Ethical Issues in Health & Medicine) or Bio&Soc 2061 (Environmental Ethics)

No. & Title _____ Crhr ____ Grade[☞] ____

B. Social Sciences/Humanities Foundation: **Two** courses from any **two** of the following 5 subject areas: (1) History of Biology/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[☞] ____

Area 2: _____

No. & Title _____ Crhr ____ Grade[☞] ____

C. Biology Foundation (BREADTH): Three courses from three of the following subject areas: Ecology (BioEE 2610 or BioSM 3640 or BioSM 3750); Evolutionary Biology (BioEE 2780); Biochemistry, Molecular and Cell Biology (BioBM 3300 or 3310 or 3330 or NS 3200); Genetics & Development (BioGD 2800, 2810 or 2820* or Plant Breeding 2250); Neurobiology (BioNB 2220); Animal Behavior (BioNB 2210 or BioSM 3290); Anatomy and Physiology (NS 3410 or BioAP 3110); Biological Diversity (BioMI 2900 or BioPL 2410 or BioEE 3730 or BioEE 2740 or BioEE 4500 or BioEE 4700 **AND** BioEE 4701 or BioEE4750 or BioEE 4760 or ENTOM 2120 or PLPA 3010 or PLPA 3090 or BioSM 3100 or BioSm 3740 or BioSM 3770 or BioSM 4490); Nutrition (NS 1150● and NS 1220●):

Area 1: _____

No. & Title _____ Crhr ____ Grade[☞] ____

Area 2: _____

No. & Title _____ Crhr ____ Grade[☞] ____

Area 3: _____

No. & Title _____ Crhr ____ Grade[☞] ____

[☞] 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 courses that meet these requirements is available in the Biology & Society office, 306 Rockefeller.

^{*} This course is not a prerequisite to any other course.

● A list of approved Depth courses for NS 1150 and NS 1220 is available in 306 Rockefeller Hall.

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

Area: _____

No. & Title _____ Crhr _____ Grade^{SP} _____

E. **Statistics:** One course selected from: Btry 3010, AEM 2100, Soc 3010, Math 1710, ILRST 2100, ILRST 2120, PAM 2100, Econ 3190 or Psych 3500

No. & Title _____ Crhr _____ Grade^{SP} _____

III. **CORE COURSE: (one course).** Should be completed by end of junior year. Either **Bio&Soc 3011 (S&TS 3011)** or **Phil 2860 (S&TS 2861)**.

No. & Title _____ Crhr _____ Grade^{SP} _____

IV. **THEME: Five courses forming a coherent theme. Courses must be above the 100-level, at least 3 credit hours and taken for a letter grade. The Senior Seminar must be chosen from the approved Bio&Soc listing.**

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^{SP} _____

No. & Title _____ Crhr _____ Grade^{SP} _____

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^{SP} _____

No. & Title _____ Crhr _____ Grade^{SP} _____

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

No. & Title _____ Crhr _____ Grade^{SP} _____

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

No. & Title _____ Crhr _____ Grade^{SP} _____

No. & Title _____ Crhr _____ Grade^{SP} _____

No. & Title _____ Crhr _____ Grade^{SP} _____

NOTES:

- ^{SP} Put the semester and year in the space marked "grade" next to courses you have not yet taken but plan to take.
- ^{SP} 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 courses that meet these requirements is available in the Biology & Society office, 306 Rockefeller.
- ^{*} This course is not a prerequisite to any other course.
- A list of approved Depth courses for NS 1150 and NS 1220 is available in 306 Rockefeller Hall.

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)

| <u>Fall 2009</u> | Cr. Hr. | <u>Spring 2010</u> | Cr. Hr. |
|------------------------------|---------|------------------------------|---------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| Total CALS credit | _____ | Total CALS credit | _____ |
| Total Endowed credit | _____ | Total Endowed credit | _____ |
| Total Other Statutory credit | _____ | Total Other Statutory credit | _____ |

| <u>Fall 2010</u> | Cr. Hr. | <u>Spring 2011</u> | Cr. Hr. |
|------------------------------|---------|------------------------------|---------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| Total CALS credit | _____ | Total CALS credit | _____ |
| Total Endowed credit | _____ | Total Endowed credit | _____ |
| Total Other Statutory credit | _____ | Total Other Statutory credit | _____ |

| <u>Fall 2011</u> | Cr. Hr. | <u>Spring 2012</u> | Cr. Hr. |
|------------------------------|---------|------------------------------|---------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| Total CALS credit | _____ | Total CALS credit | _____ |
| Total Endowed credit | _____ | Total Endowed credit | _____ |
| Total Other Statutory credit | _____ | Total Other Statutory credit | _____ |

NOTE: We must receive your transcript (all courses taken at Cornell or elsewhere) before action can be taken on this application.
PLEASE RETURN THIS APPLICATION TO 306 ROCKEFELLER HALL.

PAGE 5 - TO BE COMPLETED BY HUMAN ECOLOGY STUDENTS ONLY.

COURSES I HAVE TAKEN OR WILL TAKE TO FULFILL COLLEGE REQUIREMENTS (43 HUMAN ECOLOGY CREDIT HOURS): Please begin with your first semester at Cornell.

| | | | |
|-----------|---------|-------------|---------|
| Fall ____ | Cr. Hr. | Spring ____ | Cr. Hr. |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| | | | |
|-----------|---------|-------------|---------|
| Fall ____ | Cr. Hr. | Spring ____ | Cr. Hr. |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| | | | |
|-----------|---------|-------------|---------|
| Fall ____ | Cr. Hr. | Spring ____ | Cr. Hr. |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

| | | | |
|-----------|---------|-------------|---------|
| Fall ____ | Cr. Hr. | Spring ____ | Cr. Hr. |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

TOTAL CREDIT HOURS IN HUMAN ECOLOGY: _____

ADVISOR APPROVAL

Name of advisor

Signature of advisor

Date