

Course Requirements for NS-CHE major:

1. NATURAL SCIENCES

Introductory biology, 8 cr [BIOG 1500 plus two introductory biology lectures]

Introductory chemistry, 8 cr [CHEM 2070-2080 or 2150-2160]

Organic chemistry lecture, 3-8 cr [CHEM 1570 (not for pre-med), 3530, 3570-3580, or 3590-3600]

Organic chemistry lab, 2-4 cr [CHEM 2510 or 3010]

Physiology, 3 cr [NS 3410(3)] or [BIOAP 3110(3)]

Biochemistry, 4-6 cr [NS 3200(4)], [BIOMG 3300(4)], [BIOMG 3310(3) + BIOMG 3320(2)], or [BIOMG 3310(3) + BIOMI 2900(3)], [BIOMG 3350(4)] or [BIOMG 3330 (4)]

2. NUTRITIONAL SCIENCES

Core courses, 16 cr: **NS 1150 Nutrition, Health and Society** [F,3]
 NS 2450 Social Science Perspectives on Food and Nutrition [F,3]
 NS 3450 Nutritional and Physicochemical Aspects of Foods [F,3]
 NS 3310 Nutrient Metabolism [S,4]
 NS 3320 Methods in Nutritional Sciences [F,3]

Advanced electives in Nutritional Sciences, 9 cr NS courses at 3000 level or above: May include only 3 cr of NS 4000, 4010, 4020, or 4990. May include NS 3410 **only** if BIOAP 3110 is taken to meet physiology requirement. May **not** include NS 3200, NS 3980, NS 4620, and NS 4030 (TA).

For dietetics: Additional dietetics NS courses at 3000 or above will be counted toward this requirement.

3. SOCIAL SCIENCES and HUMANITIES

Social Sciences: 6 cr. From the following four areas, choose 1 course from any 2 areas

Economics [ECON 1110* or ECON 1120*]

Anthropology [ANTHR 1400]

Psychology [HD 1150* or HD 1170* or PSYCH 1101]

Sociology [DSOC 1101 or SOC 1101]

Humanities: 3 cr. Includes literature, history, philosophy, religion, and archaeology. Critical, historical, and theoretical studies of arts and design are included. Does not include language, creative, or performing arts (e.g. fiction or poetry writing, composing or performing music, acting, dancing, directing, or painting)

4. WRITTEN COMMUNICATIONS

First Year Writing Seminars: 6 cr (MUST BE COMPLETED DURING FIRST 2 SEMESTERS)

5. QUANTITATIVE & ANALYTICAL

Calculus or Advanced Math: 3 -4 cr. Select from Math 1105 [3], MATH 1106[4], MATH 1110[4], MATH 1120 [4], or AP BC score 3 or above.

Statistics: 4 cr. Select from AEM 2100 [4], BTRY 3010 [4], MATH 1710 [4], SOC 3010 [4], or PSYCH 3500 [4], PAM 2100 [4], STSCI 2150, STSCI 2100/ILRST 2100 [4]

One of them must be taken at Cornell unless you have earned a score of 3 or above on AP calculus BC.

AP AB score 3 or higher and AP statistics can be used once the above requirement is met.

6. HUMAN ECOLOGY (HUMEC) outside NS

9 cr selected from HUMEC courses not in NS as per college requirements. May not include HE 1000, 1001, 2010, or any 4030 course. Maximum 3 credits of 4000, 4010, and 4020 may be applied. 8 credits of Urban Semester and 7 credits of Capital Semester may be applied.

7. OTHER & Elective courses to bring academic credits to 120.

Student must complete 43 HUMEC credits across all categories of graduation requirement. If other major and college requirements are met, up to 12 credits of NS 4000, 4010, 4020, 4030 may be applied to 43 HUMEC and 120 Cornell credits. See Human Ecology Curriculum Sheets for detail college requirements. All required courses must be taken as a letter grade.