Basic Course Requirements for HD Majors, 2012-2013 matriculation year ONLY – see website for full requirements

1. **Natural Sciences:** 2 courses, 6-8 credits *Courses must be taken at Cornell*
   
   1a. *Introductory Biology: BIOG 1140 (non-premeds); BIOMG 1350, BIOG 1440, BIOEE1610 or BIOG 1105 (pre-meds)*
   
   1b. Take a second approved natural science course; see HD curriculum sheet ([http://www.human.cornell.edu/registrar/degree-progress/curriculum-sheets.cfm](http://www.human.cornell.edu/registrar/degree-progress/curriculum-sheets.cfm))

   **Note:** A Biology laboratory is no longer required for HD majors because of changes in the introductory biology curriculum. Pre-medical students fulfill the natural science requirement by taking the Biology courses recommended for medical school. Pre-medical students are required to take BIOG 1500 Investigative Biology as well as Biology lectures.

2. **Scientific Methods:** 1 course. A course must be chosen from HD 2830, BIOG 1500, or BIOG 1105-1106. An AP Biology score of 5 also fulfills this requirement.

3. **Social Sciences:** 2 courses

   Human Development 1840 and Psychology 1101 are strongly recommended for HD majors. Any course (at any level) in Psychology, Government, Sociology, Development Sociology, Anthropology or Economics can be used to fulfill this requirement.

   **Notes:** Students often believe that they can only take introductory courses to fulfill this requirement. This is not the case. The introductory courses in the HD major are usually considered sufficient background for more advanced courses in Psychology and Sociology. *Courses other than HD 1840, which are cross-listed in HD may not be used to fulfill this requirement.*

4. **Written Communications:** 2 first year writing seminars must be completed during the first 2 semesters

5. **Humanities:** 1 course. Includes literature, history, philosophy, religion and archaeology. Critical, historical, and theoretical studies of arts and design are included. *Does NOT include language, creative, or the performing arts.*

6. **Quantitative & Analytical:** 4 credits of Introductory Statistics

   Courses approved for HD are AEM 2100, BTRY 3010, MATH 1710, PSYCH 3500, PAM 2100 and ILRST/STSCI 2100. SOC 3010 can be accepted for internal transfers from A&S. *Statistics must be taken at Cornell. AP Statistics is not accepted by HD.* Please see Honors, below, for special instructions applying to HD honor students.

7. **Human Ecology Outside HD:** 9 credits

   Notes: Any course in CHE outside HD. Includes ECON 1110/1120. May not include HE 1000, 1001, 2010, or any 4030 in the college. Maximum 3 credits of 4000, 4010, and 4020 may be used. 8 credits of Urban Semester, Capital Semester or Cornell in Washington may be applied to fulfill this requirement.

8. **Human Development Courses:** 30 didactic credits are required, all taken for letter grades (S/U not allowed)
   
   - First year: HD 1150, 1160, and 1170 are required. (Transfer students – see your graduation summary.) HD 1840 counts for the general social science requirement for HD, NOT for the major.
   - Two 2000 level courses; the two must come from *different* areas: Cognitive -- HD 2200, HD 2300, HD 2380; Social & Personality -- HD 2600, HD 2610; or Aging & Health -- HD 2180, HD 2510
   - A course in Scientific methods is required: (see Scientific Methods, above)
   - Fulfill a concentration in one of 5 areas of the department (see curriculum sheet); a concentration consists of 3 courses including at least one 4000 level course in that concentration. *Students must self-declare the concentration during their junior years.*
   - Take 15 credits at the 3000 and 4000 level in HD (one course must be at the 4000 level and in the student’s declared concentration, not including special studies, see below)
   - Breadth requirement: one 3000- or 4000-level course in an area outside the declared concentration
   - Only one course designated as a LAB may be counted toward the 30 credits
   - No special studies (4000, 4010, 4020, 4030, 4980, 4990) count toward the 30 required credits in HD. These are counted as electives toward graduation. *Only 12 credits of special studies can be counted toward graduation.*

9. **Other and elective courses – to bring the total credits earned to a minimum of 120, exclusive of physical education.**

   43 credits must be taken in the College of Human Ecology. These credits are counted across all categories of the graduation requirements.

10. **Honors in Human Development** – ([http://www.human.cornell.edu/hd/research/opportunities/honors-program.cfm](http://www.human.cornell.edu/hd/research/opportunities/honors-program.cfm))

    The HD honors program is a two-year program. Students should apply by October 15 of their junior year. Late applications are accepted with permission. Students should complete introductory basic statistics (see above) before applying to the honors program. A GPA of 3.5 is required for acceptance; students with lower GPAs may apply for provisional acceptance. Students in the honors program must complete HD 2830 (Research Methods) and a second, more advanced statistics class that focuses on multivariate statistics (HD4760 or 4770 is strongly recommended). Please see the web link above for more information.