Human Development 2006-2007

The requirements listed below pertain to all students matriculating in August 2006 and January 2007.

I. Distribution Requirements

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<th>Credits</th>
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A. Natural Sciences:  
You must take two from the following and at least one semester of lab is required. One of the two must be a biology course.

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<tr>
<td>BIO G 101-103* or BIOG 105 or BIOG 110</td>
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<tr>
<td>BIO G 102-104* or BIOG 106 or BIOG 109</td>
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<tr>
<td>PHYS 101 or PHYS 207 or PHYS 112</td>
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<td>PHYS 102 or PHYS 208 or PHYS 213</td>
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*The combinations BIO G 101-103 and BIO G 102-104 each count as a single course.

B. Social Sciences  
Any two courses chosen from the following departments: Psychology, Sociology, Development Sociology, Anthropology, Economics or Government.

Note: 1) Courses cross-listed with Human Development cannot be used to fulfill this requirement. 2) You cannot receive credit for both DSOC 101 and SOC 101.

C. Humanities  
Includes literature, history (including art and design history), philosophy, religion, and archaeology. Critical, historical, and theoretical studies of the arts and design are considered humanities. Languages and creative or performing arts such as the writing of fiction or poetry, painting, sculpting, designing, composing or performing music, acting, directing, and dance are not considered humanities.

D. Written Communications  
Must be First-Year Writing Seminars.

E. Quantitative and Analytical

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1. Math competency equivalent to EDUC 115 (precalculus):
   a. AP of 3 or higher on AB test OR
   b. AP of 3 or higher on BC test OR
   c. Math assessment test score equivalent to EDUC 115 OR
   d. Pass a math course equivalent to or higher than EDUC 115

2. Statistics
   One of the following:
   - AEM 210 Introduction to Statistics
   - BTRY 301 Introduction to Statistics
   - ILRST 212 Statistical Reasoning
   - MATH 171 Statistical Theory and Application in the Real World
   * PAM 210 Introduction to Statistics
   - SOC 301 Evaluating Statistical Evidence
   - PSYCH 350 Statistics and Research Design

*Can fulfill statistics requirement and count toward 9 credits outside major. If used for statistics requirement, the credits will not count toward the 40 credits required in Human Ecology.

F. Additional requirements  
Any natural science, social science, humanities, language, or mathematics course can be counted here.

II. Requirements in the Major

A. Structural Principles

1. Must complete 30 credits of Human Development didactic courses (HD 400, 401, 402, 403, 440, 498, and 499 are not didactic courses and do not fulfill any requirements for the major).
2. HD 115 is required.
3. Students must take a total of two foundation courses in Human Development. The foundation courses must come from two different areas. The three areas and the courses from which students may choose are listed below. A foundation course is a 200 level course that introduces material necessary for completing more advanced courses in that area. Ideally, foundation courses should be completed by the end of the sophomore year. The foundation courses are:
   - Cognitive: HD 220, HD 230, HD 238
   - Social/Personality: HD 216, HD 260, HD 261
   - Life Course, Social Contexts, & Social Policy: HD 218, HD 250, HD 251
4. Must complete at least 12 credits in Human Development didactic courses at the 300 and 400 level; 3 of these credits must be at the 400 level.
5. Must complete a concentration in one of four areas of Human Development (listed below).
   - A concentration must have both depth and breadth.
   - A concentration consists of a minimum of three classes: a designated foundation class in the concentration, plus two additional courses at the 300 or 400 level.
   - Students are strongly encouraged to take more than three courses in their chosen concentration. Students must contact the Assistant Registrar by junior year to declare a concentration.
6. Must complete at least one course outside the declared concentration, other than the required foundation course in that concentration.
B. Areas of Concentration

Cognitive Development
HD 220 Human Brain and Mind or
HD 230 Cognitive Development or
HD 238 Thinking and Reasoning
HD 233 Children and the Law
HD 319 Memory and the Law
HD 334 Growth of the Mind
HD 336 Connecting Social, Cognitive, and Emotional Development
HD 337 Language Development
HD 420 Risk and Rational Decision Making
HD 431 Mind, Self, and Emotion
HD 432 Cognitive, Social, and Developmental Aspects of Scientific Reasoning
HD 433 Developmental Cognitive Neuroscience
HD 434 Current Topics in Cognitive Development
HD 444 Parenting and Child Development
HD 474 Autism and the Development of Social Cognition

Biology and Human Development
HD 220 Human Brain and Mind
HD 266 Emotional Functions of the Brain
HD 320 Human Developmental Neuropsychology
HD 344 Infant Behavior and Development
HD 347 Human Growth and Development: Biological and Behavioral Interactions
HD 366 Psychobiology of Temperament and Personality
HD 433 Developmental Cognitive Neuroscience
HD 474 Autism and the Development of Social Cognition
HD 478 Attention Deficit/Hyperactivity Disorder in Children

Social and Personality Development
HD 216 Adolescence and Emerging Adulthood or
HD 280 Introduction to Personality or
HD 261 Development of Social Behavior
HD 313 Problematic Behavior in Adolescence
HD 336 Connecting Social, Cognitive, and Emotional Development
HD 342 Participation with Groups of Young Children
HD 346 Role and Meaning of Play
HD 362 Human Bonding
HD 368 Children's Development in Different Cultures
HD 370 Adult Psychopathology
HD 371 Child Development and Psychopathology
HD 384 Gender and Sexual Minorities
HD 414 Social and Psychological Aspects of the Death Penalty
HD 420 Risk and Rational Decision Making
HD 444 Parenting and Child Development
HD 448 Advanced Participation with Young Children (4 credits only)
HD 451 Nontraditional Families and Troubled Families
HD 452 Culture and Human Development
HD 458 Parent-Child Development in African American Families
HD 464 Adolescent Sexuality
HD 468 Stress in Childhood and Adolescence

Life Course, Social Contexts, and Social Policy
HD 218 Adulthood and Aging or
HD 250 Families and the Life Course or
HD 251 Social Gerontology: Aging and the Life Course
HD 201 Fatherhood, Marriage and Family Policy
HD 233 Children and the Law
HD 353 Risk and Opportunity Factors in Childhood and Adolescence
HD 418 Aging: Contemporary Issues
HD 419 Midlife Development
HD 448 Advanced Participation with Young Children (4 credits only)
HD 456 Families and Social Policy
HD 457 Health and Social Behavior
HD 458 Parent-Child Development in African American Families
HD 483 Early Care and Education in Global Perspective

**Only HD courses may be used to fulfill concentrations**

III. Electives Variable

IV. Physical Education 2

Physical education does not count toward college and university minimum credit requirements for full-time status.

Total Credits (exclusive of PE) 120
College Requirements:

- **Students must complete a minimum of 9 HUMEC credits outside of HD.** These credits are given for any Human Ecology course outside your major from Category I, II, or III. These can be taken S/U only if course is NOT used to fulfill a curriculum requirement.

- **Students must complete a minimum of 40 HUMEC credits.** Hum Ec credits are given in Category II (in your major) and Category III (electives).

**Pass/Fail Courses [S/U]**
- S/U grading option may NOT be used for any required course [i.e., distribution requirements in Category I or major courses in Category II] unless it is the only grade option offered for those courses.
- S/Us MAY be used for the 9 credits of Human Ecology coursework outside of the major and for electives in Category III.
- Students may apply no more than 12 credits of S/U towards graduation requirements. If a required course is only offered S/U, it will not count towards this limit. Students may take more S/Us if they choose, but the additional credit will not be applied towards graduation.
- The deadline for changing grade options is 3 weeks after the start of classes, the same as the “add” deadline.

**Special Study Courses [400, 401, 402, 403]**
- A total of 12 credits of special study coursework from Human Ecology or other colleges will count towards the 120 graduation credit requirement. [Additional credits can be taken but will not be applied.]
- A maximum of three credits of 400-402 (not including 403) may count towards the “credit outside the major” category as long as the special study is in a department outside the student’s major.

- **Students must complete 120 credits overall, exclusive of physical education and “00” courses.**

- **Elective credits can be earned in Human Ecology or elsewhere.**