Fiber Science & Apparel Design 2013-2014

Option I: Apparel Design

The requirements listed below pertain to all students matriculating in August 2013 and January 2014.

I. Distribution Requirements

A. Natural Sciences

I.A.1. Natural Science lecture (lab not required)
   a. Score of 5 on AP Biology, AP Chemistry or AP Physics OR
      b. Must choose from the following list (must be taken at Cornell):
         BIOG 1140*
         BIOG 1350*
         BIOG 1440*
         BIOG 1445*
         BIOMG 1350*
         CHEM 1560 or CHEM 2070
         CHEM 2080
         PHYS 1101 or PHYS 2207
         PHYS 1102 or PHYS 2208
   *one semester of BIOG 1500 Investigative Lab can also be taken but is not required

I.A.2. Natural Science (lab not required, must be taken at Cornell, no AP credit)
   a. Choose a course from the above list in A.1. OR
   b. Choose from the Human Ecology Natural Science Approved Course list:
      http://www.human.cornell.edu/registrar/requirements-and-policies.cfm

B. Social Sciences

I.B.1. Select one of the following courses:
   HD 1150 Human Development: Infancy and Childhood OR
   HD 1170 Human Development: Adolescence and Emerging Adulthood OR
   PSYCH 1101 Introduction to Psychology

I.B.2. Select one 3 credit course in either:
   Anthropology, Sociology or Development Sociology

C. Humanities

Art History (Choose from courses in History of Art)

D. Written Communications

Must be First-Year Writing Seminars.
MUST BE COMPLETED DURING FIRST 2 SEMESTERS

Credits

I. Distribution Requirements

A. Natural Sciences 6-8

I.B.1. Select one of the following courses:

B. Social Sciences 6

C. Humanities 3-4

D. Written Communications 6

Credits

E. Quantitative and Analytical

Statistics (must be taken at Cornell, AP Statistics is not accepted)
Choose one of the following:
   AEM 2100 Introductory Statistics
   BTRY 3010 Biological Statistics I
   BTRY 6010 Statistical Methods I
   ILRST/STSCI 2100 Introductory Statistics
   MATH 1710 Statistical Theory and Application in the Real World
   PAM 2100 Introduction to Statistics
   PSYCH 3500 Statistics and Research Design

F. Additional credits

I.F.1. Take both of the following:
   ECON 1110 Introduction to Microeconomics
   ECON 1120 Introduction to Macroeconomics
   [Both ECON 1110/1120 count as Credits Outside the Major if taken at Cornell]

I.F.2. Ethics/Sustainability: Choose one course from the following:
   BEE 3299 Sustainable Development: A Web-Based Course
   BSOC 2051 Ethical Issues in Health and Medicine (also STS 2051)
   BSOC 2061 Ethics and the Environment (also STS 2061, PHIL 2460)
   CRP 3011 Ethics, Development and Globalization
   DEA 4220 Ecological Literacy and Design (also ARCH 4601)
   DSOC 3240 Environment and Society
   GOVT 4971 Ethics in International Relations
   IARD 4020/6020 Agriculture in Developing Nations I/International Agriculture in Developing Nations
   ILR 4820 Ethics at Work
   LA 4950 Green Cities: The Future of Urban Ecology (also CRP 3840)
   NTRES 3320 Introduction to Ethics and the Environment
   NTRES 4310 Environmental Strategies
   PAM 5310 Ethics, Public Policy in American Society
   PAM 5520 Health Care Services: Consumer & Ethical Perspectives
   PHIL 1450 Contemporary Moral Issues
   PHIL 2410 Ethics
   PHIL 2450 Ethics and Health Care

I.F.3. Courses from any natural science, social science, humanities, language, or mathematics courses can be counted here for remaining 9 credits.
II. Requirements in the Major

A. Must take the following:
- FSAD 1140 Introduction to Computer-Aided Design
- FSAD 1170 Fashion Graphics
- FSAD 1250 Art, Design, and Visual Thinking
- FSAD 1350 Fibers, Fabrics, and Finishes
- FSAD 1360 Fiber and Yarn Analysis Laboratory
- FSAD 1450 Introduction to Fashion Design
- FSAD 2310 Fashion Product Management
- FSAD 2370 Structural Fabric Design
- FSAD 2640 Fashion Draping
- FSAD 2650 Patternmaking for Fashion Design
- FSAD 2660 Apparel Design: Product Development
- FSAD 3460 Introduction to the Collections Project
- FSAD 3690 Style, Fashion, and the Apparel Industry
- FSAD 3770 Collections for the Fashion Industries 2
- FSAD 4650 New Technologies for Fashion Design
- FSAD 4700 Fashion Promotion and Presentation
- FSAD 4770 Collections for the Fashion Industries 3

Choose ONE of the following:
- FSAD 3250 Color and Surface Design of Textiles OR
- FSAD 4200 History of Color and Design in Textiles

ALSO:
Choose ONE of the following:
- FSAD 6640* Human Factors: Anthropometrics and Apparel OR
- FSAD 6700* Fashion Theory OR
- FSAD 6750* Aesthetics and Meaning in World Dress OR
- FSAD 6900* Understanding Functional Aspects of Clothing and Design
  *Advanced undergraduates may take 6000-level FSAD courses.

III. Electives

Recommended: DEA 1110 Making Difference: By Design
- FSAD 3320 Product Quality Assessment
- FSAD 4660 Textiles, Apparel, and Innovation

IV. Physical Education

Physical Education must be completed in order to graduate. However, physical education does not count toward college and university minimum credit requirements for full-time status, nor does it count towards the 120 credits required for graduation.

Total Credits (exclusive of PE) 120

Credits 52

College Requirements:

- Students must complete a minimum of 9 HUMEC credits outside of FSAD. 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 43 HUMEC credits. Hum Ec credits are given in Category I (distribution), Category II (in your major) and Category III (electives).
- Biology & Society (BSOC) courses do not count as Human Ecology credit or towards the 9 HE credits outside the major.
- 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 7 weeks after the start of classes, the same as the "drop" deadline.
- Special Study Courses [4000, 4010, 4020, 4030]
  - A total of 12 credits of special study course work 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 4000-4020 (not including 4030) 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 cannot TA (4030) the same course for credit more than once or take and TA the same course simultaneously. 4030 does not fulfill any requirements towards the major. Registration for 4030 may not exceed 5 credit hours per semester.
- Students must complete 120 credits overall, exclusive of physical education and "00" courses.
- Elective credits can be earned in Human Ecology or elsewhere.