



# COLLEGE OF HUMAN RESOURCES

- **INDIVIDUAL AND FAMILY STUDIES**
  - Family and Community Services
  - Early Childhood Development and Education
  - Human Development and Family Processes
- **NUTRITION AND DIETETICS**
  - Dietetics
  - Coordinated Undergraduate Program in Dietetics
  - Applied Nutrition
  - Nutritional Sciences
  - Hotel, Restaurant and Institutional Management
- **TEXTILES, DESIGN AND CONSUMER ECONOMICS**
  - Textiles and Clothing: Merchandising
  - Textile Science
  - Apparel Design
  - Consumer Economics
- **INTERDEPARTMENTAL MAJOR**
  - Interdisciplinary Studies in Human Resources

The College of Human Resources' programs combine professional preparation with a strong liberal arts curriculum. The diversified baccalaureate programs provide opportunities for a variety of challenging careers in business; industry; public, private, and government agencies; and education.

In addition to the specialized college courses necessary for competence in one's selected professional major, the curricula includes courses in the humanities, the sciences, and the social sciences. Each academic program also provides practicum/internship experiences that enhance employability; or for those planning to pursue a graduate program, research apprenticeship experience is available.

Students in the College of Human Resources also have a variety of other opportunities to enhance their undergraduate experience. Each student's academic advisor, a faculty member with expertise in the student's field of interest, will assist in selecting courses and experiences that focus on the student's interest and professional goals. For example, careful selection of liberal arts requirements and elective courses allow students to pursue a minor or an area of interest outside of the college, a double degree, double major, or interdepartmental major.

Human Resources' students are also encouraged to enrich their academic program by participating in the college's visiting student programs, study abroad experiences, seminars, and the college's numerous student organizations.

There are also several special academic opportunities for exceptionally talented and highly motivated students. Students in each academic program are eligible to participate in the University's Honors Program, undergraduate research, and Degree with Distinction. Also, the college's Dean's Scholar Program provides qualified students with the opportunity to share the responsibility of developing an individualized program focusing on the student's academic interests.

In addition to the many opportunities to individualize the academic program, Human Resources' students also interact with outstanding faculty in excellent facilities. Not only is the College of Human Resources committed to undergraduate education, its faculty is recognized for their excellence in teaching and advisement. The expanded facilities in the college's new building include studio space, computer-aided design laboratory, historic costume and textile collection space, display areas, and instructional resource center.

## STUDENT HONORS AND AWARDS

The college is committed to encouraging and rewarding superior academic achievement. Students who have earned recognition for superior leadership, service, and scholarship throughout their college careers may be elected to the Alpha Upsilon Chapter of Kappa Omicron Nu, a national Home Economics academic honor society. Human Resources majors are also eligible for election to University-wide honor societies such as Phi Kappa Phi, Mortar Board, and Kappa Delta Pi. Some examples of other honors for students include:

**Alumni Scholarships for Entering Freshmen.** Two scholarships of \$1,000 each are presented by the College of Human Resources Alumni Association to entering freshman students. Information regarding these scholarships are sent to every newly admitted freshman student. One scholarship is awarded to a Delaware resident and one to a nonresident. Recipients are selected on the basis of scholastic achievement, interests and activities in the school and community, and future professional goals and aspirations.

**Irma Ayers Scholar Award** is a \$750 award presented to the sophomore with the highest cumulative index for the first three semesters of enrollment at the University, including a minimum of nine credit hours of course work in the College of Human Resources.

**Amy Rextrew Award** is a \$600 award presented to a senior and a junior in the College of Human Resources who possess outstanding qualities of scholarship, leadership, and character plus an appreciation of the values that are basic to success in their chosen field.

**Mildred Steel Clark Scholarship** awards \$250 to a senior in the College of Human Resources and is based upon scholarship and financial need.

Other awards include the Delaware Dietetic Association Student Award, the American Association of Textile Chemist and Colorists Award, the Grange Award, the Delaware Association of the Education of Young Children Student Leadership Award, the Delaware Restaurant Association Scholarship, the Marriott Corporation Scholarship, and the Fashion Merchandising Award. Awards especially designated for returning students include the Wallace H. Maw Award and the Outstanding Part-time Undergraduate Student Award.

span development within the family. Each of the majors provides career alternatives in community service or teaching, or development of a professional identification in which research is a significant component. Students in the department also have the opportunity to complete an Honors degree in each of the academic programs.

The Family and Community Services major is designed for students wishing to work within public and private agencies serving clients, infants through the aged, and their families. Combining course work and clinical experiences, the program of study prepares graduates for positions in direct client services and/or management and administration in a variety of institutional and community settings.

The major in Early Childhood Development and Education is designed for students who plan on working with young children in school, family, and institutional settings. Certification options allow students to pursue careers as teachers, child life specialists, and early interventionists. The emphasis of the program is developmental with students learning how to match instructional strategies and materials to children's social-psychological and cognitive and physical maturity. The program further emphasizes families in their role of caring for and socializing children.

Certification requirements for the state approved programs in Nursery/Kindergarten or Young Exceptional Children can be met by completing the identified course work for each certification option. Students are strongly encouraged to work closely with academic advisors in designing their program.

The major in Human Development and Family Processes is designed for students whose career goals require subsequent graduate education in Human Development and Family Processes or related areas. With an emphasis broadly on research and theory rather than professional practice, the student is afforded the opportunity to engage in a significant research apprenticeship including an honors component for qualified students.

Selection and retention policies for the Early Childhood Development and Education and Family and Community Services majors have been established and must be followed. In addition, there are limitations on the number of students that can be enrolled in each major. Students are responsible for travel arrangements and costs for clinical/internship experiences.

## DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: FAMILY AND COMMUNITY SERVICES

### CURRICULUM

### CREDITS\*

### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing .....	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content #	3 <sup>1-4</sup>

## INDIVIDUAL AND FAMILY STUDIES

The Department of Individual and Family Studies offers three majors for students interested in understanding life-

\*Superior figures indicate year or years in which the course should be taken, i.e. <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26

## MAJOR REQUIREMENTS

### External to the College

#### Humanities

English course	3 <sup>2</sup>
Communication course	3 <sup>2</sup>
Humanities courses selected from Art, Art History, Communication (except 320), English, Languages, Literature, Music, Philosophy, Theatre.	6 <sup>1,4</sup>

#### Sciences

Science courses selected from Physical Anthropology, Biology, Chemistry, Health and Life Sciences, Physical Sciences, Physics, Physiological Psychology, Plant Science, Entomology, Computer Science, Physical Geography, Geology, Mathematics, Statistics. (One course chosen must be a lab and at least six credits must be in Physical and Biological Sciences.)	15 <sup>1,2</sup>
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#### Social Sciences

PSYC 201 General Psychology	3 <sup>1</sup>
Social Science courses selected from Cultural Anthropology, Black American Studies, Business Administration, Criminal Justice, Economics, Food and Resource Economics, Economic and Social Geography, History, Plant Science, Political Science, Psychology, Sociology.	12 <sup>2,4</sup>

#### Professional

EDDV 372 Counseling Theories Workshop	3 <sup>3</sup>
EDDV 374 Experimental Education	3 <sup>3</sup>

### Within the College

Nutrition/Health Course	3 <sup>1,2</sup>
TDCE Course (Financial Consumer Issues is recommended)	3 <sup>1,2</sup>

### Within the Department

IFST 101 Introduction to Community and Family Services	1 <sup>1</sup>
IFST 201 Life Span Development	3 <sup>1</sup>
IFST 202 Foundations of Family Studies	3 <sup>1</sup>
IFST 221 Child Development	3 <sup>2</sup>
IFST 230 Emerging Life Styles	3 <sup>2</sup>
IFST 235 Survey in Child and Family Services	3 <sup>2</sup>
IFST 346 Delivery of Human Services	3 <sup>3</sup>
IFST 347 Human Services Delivery Systems	3 <sup>3</sup>
IFST 422 Family Relationships	3 <sup>3</sup>
Developmental electives chosen from:†	6 <sup>2,3</sup>
IFST 236 Infants and Toddlers: Development and Programs	3
IFST 329 Adolescent Development	3
IFST 339 Adult Development and Aging	3
IFST 403 Concepts in Gerontology	3
IFST 465 Seminar	3 <sup>4</sup>
IFST 449 Internship in Community Services	9 <sup>4</sup>
Prerequisite for IFST 449 Internship: cumulative index of 2.50 and major field index of 2.75 with a minimum grade of C in all IFST courses.	

### ELECTIVES

Restricted electives determined in consultation with adviser upon completion of IFST 235 Twelve credits restricted electives must be completed prior to senior internship.	18 <sup>3,4</sup>
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#### Electives

May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)	11 <sup>4</sup>
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**CREDITS TO TOTAL A MINIMUM OF 129**

## HONORS BACHELOR OF SCIENCE: FAMILY AND COMMUNITY SERVICES

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Family and Community Services.
2. All of the University's generic requirements for the Honors Baccalaureate Degree.
3. These additional requirements:
  - a. Senior Seminar (IFST 465) must be taken as an Honors section.
  - b. Achieve a 3.4 GPA in major.

## DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: EARLY CHILDHOOD DEVELOPMENT AND EDUCATION

### CURRICULUM

CREDITS\*

### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content #	3 <sup>1,4</sup>

### MAJOR REQUIREMENTS

#### External to the College

##### Humanities

English course	3 <sup>1</sup>
Communication course	3 <sup>2</sup>
Humanities courses selected from Art, Art History, Communication (except 320), English, Languages, Literature, Music, Philosophy, Theatre.	6 <sup>1,3</sup>

##### Sciences

Science courses selected from Physical Anthropology, Biology, Chemistry, Health and Life Sciences, Physical Sciences, Physics, Physiological Psychology, Plant Science 101 or 201, Entomology, Computer Science, Physical Geography, Geology, Mathematics, Statistics. (At least six credits must be in Physical or Biological Sciences.)	8 <sup>1,2</sup>
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MATH 251 Mathematics for Elementary School	3 <sup>1</sup>
BISC 105 Human Heredity and Development	3 <sup>1</sup>
BISC 115 Human Heredity and Development Laboratory	1 <sup>1</sup>

##### Social Sciences

Sociology course	3 <sup>1</sup>
PSYC 201 General Psychology	3 <sup>1</sup>
Social Science courses selected from Cultural Anthropology, Black American Studies, Business Administration 309, Criminal Justice, Economics, Food and Resource Economics 120, Economic and Social Geography, History, Political Science, Psychology, Sociology, Individual and Family Studies 401.	9 <sup>2,4</sup>

##### Professional

EDDV 220 Introduction to the Teaching of Reading	3 <sup>2</sup>
EDDV 306 Language Arts in Nursery and Kindergarten	3 <sup>3</sup>
EDST 230 Introduction to Exceptional Children	3 <sup>2</sup>
MUED 390 Music in Elementary Schools	3 <sup>3</sup>
EDST 202 Human Development and Educational Practice	3 <sup>1</sup>
Certification Electives	12 <sup>2,3</sup>

Determined in consultation with academic advisor. Students seeking Nursery/Kindergarten certification complete 12 credits from the list of certification electives. Students seek-

\*Superior figures indicate year or years in which the course should be taken, i.e. <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

†One developmental elective may be used as a restrictive elective if appropriate for "area of emphasis." Resulting extra credits (3) may be used for free elective.

ing Young Exceptional Children certification complete IFST 463-Atypical Infant and Toddler, IFST 470-Exceptional Children and Their Families, and six credits from the list of certification electives.

EDDV 400 Student Teaching ..... 8<sup>4</sup>

Prerequisites for EDDV 400 Student Teaching: a cumulative index 2.50 and a major field index of 2.75 with a minimum grade of C in required courses. (Information on courses designated in major field is available from Department Office.)

#### Within the College

NTDT 200 Nutrition Concepts ..... 3<sup>1</sup>  
TDCE Course ..... 3<sup>3</sup>

#### Within the Department

IFST 101 Introduction to Community and Family Services ..... 1<sup>1</sup>  
IFST 201 Life Span Development ..... 3<sup>1</sup>  
IFST 202 Foundations of Family Studies ..... 3<sup>1,2</sup>  
IFST 221 Child Development ..... 3<sup>1</sup>  
IFST 222 Early Childhood Curriculum I ..... 2<sup>2</sup>  
IFST 224 Early Childhood Curriculum I: Practicum ..... 2<sup>2</sup>  
IFST 236 Infants and Toddlers: Development and Programs ..... 3<sup>2</sup>  
IFST 340 Early Childhood Curriculum II ..... 3<sup>3</sup>  
IFST 435 Early Childhood Programs for Children ..... 4<sup>3</sup>  
with Exceptionalities  
IFST 445 Parent Resources ..... 2<sup>4</sup>  
IFST 452 Assessment of Young Children ..... 3<sup>3</sup>  
IFST 465 Seminar ..... 2<sup>4</sup>

#### ELECTIVES

Electives ..... 12<sup>2,3</sup>

May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

**CREDITS TO TOTAL A MINIMUM OF** ..... 129

### HONORS BACHELOR OF SCIENCE: EARLY CHILDHOOD DEVELOPMENT AND EDUCATION

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Early Childhood Development and Education.
2. All of the University's generic requirements for the Honors Baccalaureate Degree.
3. These additional requirements:
  - a. Senior Seminar (IFST 465) must be taken as an Honors section.
  - b. Achieve a 3.4 GPA in major.

### DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: HUMAN DEVELOPMENT AND FAMILY PROCESSES

CURRICULUM ..... CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing ..... 3<sup>1</sup>  
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.# ..... 3<sup>1-4</sup>

### MAJOR REQUIREMENTS

#### External to the College

##### Humanities

Humanities courses selected from Art, Art History, ..... 15<sup>1-4</sup>  
Communication (except 320), English, Languages,  
Literature, Music, Philosophy, Theatre.

##### Sciences

Statistics Course ..... 3<sup>2</sup>  
Math Course ..... 3<sup>2</sup>  
Science courses selected from Physical Anthropology ..... 12<sup>1-3</sup>  
Biology, Chemistry, Health and Life Sciences, Physical  
Sciences, Physics, Physiological Psychology, Plant Science  
101 or 201, Entomology, Computer Science, Physical  
Geography, Geology, Mathematics, Statistics. (At least six  
credits must be in Physical or Biological Sciences.)

##### Social Sciences

PSYC 201 General Psychology ..... 3<sup>1</sup>  
SOCI 201 Introduction to Sociology ..... 3<sup>1</sup>  
Social Science courses selected from ..... 9<sup>2-4</sup>  
Cultural Anthropology, Black American Studies, Business  
Administration 309, Criminal Justice, Economics, Food and  
Resource Economics 120, Economic and Social Geography,  
History, Political Science, Psychology, Sociology, Individual  
and Family Studies 401.

##### Professional

Interest/Minor Courses ..... 15<sup>2-4</sup>

#### Within the College

NTDT 200 Nutrition Concepts ..... 3<sup>1</sup>  
TDCE Course ..... 3<sup>2</sup>

#### Within the Department

IFST 101 Introduction to Community and Family Services ..... 1<sup>1</sup>  
IFST 201 Life Span Development ..... 3<sup>1</sup>  
IFST 202 Foundations of Family Studies ..... 3<sup>1</sup>  
IFST 422 Family Relationships ..... 3<sup>3</sup>  
IFST 428 Educational Research and Issues in Human Resources ..... 3<sup>3</sup>  
IFST 480 IFST Senior Seminar ..... 3<sup>4</sup>  
IFST 466 Independent Study (Supervised Study) ..... 6<sup>4</sup>  
Restricted elective courses may be chosen from ..... 12<sup>1-4</sup>  
IFST 221, IFST 236, IFST 329, IFST 339, IFST 403, or  
IFS 463

#### ELECTIVES

Electives ..... 21<sup>1-4</sup>

May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization and four credits of 100-200 level courses in Military Science/Air Force may be counted toward the degree.)

**CREDITS TO TOTAL A MINIMUM OF** ..... 127

### HONORS BACHELOR OF SCIENCE: HUMAN DEVELOPMENT AND FAMILY PROCESSES

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Human Development and Family Processes.
2. All of the University's generic requirements for the Honors Baccalaureate Degree.

\*Superior figures indicate year or years in which the course should be taken, i.e. <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

## 3. These additional requirements:

- Honors Research credits may substitute for the IFST 466 (6 hours) supervised research currently required in this major.
- Senior Seminar (IFST 480) must be taken as an Honors section.
- Achieve a 3.4 GPA in major.

## NUTRITION AND DIETETICS

Dietetics is a health care profession. Integrating basic courses such as chemistry, biology, social science, and business with food science and nutrition, dietetics prepares individuals to be responsible for the nutritional well-being of others. Positions in administrative dietetics, nutrition education, wellness, clinical nutrition, and community nutrition are available in hospitals, schools, and other institutions and in community and government programs. Opportunities exist for positions with target groups of all age ranges and with a variety of cultural, ethnic and economic backgrounds.

Two majors in Dietetics lead to the attainment of certification as Registered Dietitian by the American Dietetic Association (ADA). The Coordinated Undergraduate Program in Dietetics (CUPD) has accredited program status by ADA and includes both academic and professional practice requirements as part of the baccalaureate degree. The Dietetics major also has approval status by the ADA Division of Education Accreditation/Approval. Students in this major complete the professional practice requirement after the Bachelor of Science degree by completing an ADA dietetic internship or alternative.

A third major in the Department is Applied Nutrition. The first two years of coursework is nearly identical for the Applied Nutrition and the Dietetics majors. The students are admitted to the majors of Dietetics or Coordinated Undergraduate Program in Dietetics after successful completion of three semesters of course work in the Applied Nutrition major. A 2.5 cumulative grade point average is included in the criteria for admission.

The Applied Nutrition major is designed for the student who can creatively combine the study of nutrition with other academic areas. The curriculum is flexible so that a focus such as Gerontology, Communication, Food service Management, or Fitness may be incorporated. The Applied Nutrition major also serves as the entry major for students who later apply to either Dietetics or the Coordinated Undergraduate Program in Dietetics in their sophomore year. Students who plan on becoming a Registered Dietitian and on conducting counseling and

the related activities of a dietitian/nutrition counselor should complete a dietetics curriculum.

The Nutritional Sciences major meets the needs of students who want to focus strongly on the science aspects of human nutrition. As a premedical program, it prepares students for careers in dentistry, veterinary and human medicine, laboratory research in nutrition, or positions with companies or agencies requiring the extensive use of a strong science and human nutrition background. It provides students with a strong foundation for graduate work in human nutrition and related fields and as such may be considered primarily as a pre-professional degree. Students planning on career-related employment upon graduation are encouraged to plan their electives in a concentrated area of interest such as journalism, dietetics, food science, child development, chemistry, biological sciences, or other related fields.

The department has a Nutrition Clinic that serves as an educational resource, providing opportunities for students to acquire clinical experience. The Nutrition Clinic educates students in skills such as counseling, nutrition education, resource development and interpersonal relations. The clinic enables the program to teach dietetics and nutritional science students the theory of nutrition intervention skills and to give them practical laboratory experience in applying theory to practice. The clinic is also an ongoing laboratory resource providing a department research base. Finally, it contributes to the wellness of the University and community by being a facility where individuals can obtain authoritative information for nutrition-related health situations.

Opportunities exist for students to participate in the American Dietetic Association and the Society of Nutrition Education.

Selection and retention policies for all majors in this department have been established.

### MINOR IN NUTRITION

Requirements for a minor in nutrition requires NTDT 200, NTDT 400, NTDT 401 plus 6 credits in Nutrition and Dietetics at the 300 level or higher. A 2.5 grade point average is required for admission; a minimum grade of C is required in all courses in the minor. Note that CHEM 214 and CHEM 216 are necessary prerequisites for NTDT 400 and NTDT 401.

### DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: DIETETICS

CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content #	3 <sup>1-4</sup>

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

**MAJOR REQUIREMENTS****External to the College**

*Humanities* ..... 9<sup>2-4</sup>  
 Minimum of nine credits selected from Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre.

*Sciences*

CHEM 101	General Chemistry	4 <sup>1</sup>
or		
CHEM 103	General Chemistry	4 <sup>1</sup>
CHEM 102	General Chemistry	4 <sup>1</sup>
or		
CHEM 104	General Chemistry	4 <sup>1</sup>
CHEM 213	Elementary Organic Chemistry	4 <sup>2</sup>
CHEM 214	Elementary Biochemistry	3 <sup>2</sup>
CHEM 216	Elementary Biochemistry Laboratory	1 <sup>2</sup>
BISC 103	General Biology †	3 <sup>1</sup>
BISC 113	General Biology Laboratory	1 <sup>1</sup>
BISC 371	Introduction to Microbiology	4 <sup>3</sup>
BISC 106	Human Physiology †	3 <sup>2</sup>
BISC 116	Human Anatomy and Physiology Laboratory	1 <sup>2</sup>

*Social Sciences*

ECON 151	Introduction to Microeconomics	3 <sup>1</sup>
PSYC 201	General Psychology	3 <sup>1</sup>
Sociology course		3 <sup>1</sup>
BUAD 309	Management and Organizational Behavior	3 <sup>3</sup>
Social Science course selected from		3 <sup>4</sup>
American Studies, Anthropology (cultural/social), Black American Studies, Criminal Justice, Economics (including FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.		

*Food Science*

FOSC 201	Food Principles	2 <sup>2</sup>
FOSC 211	Food Principles Laboratory	1 <sup>2</sup>
FOSC 305	Food Science	2 <sup>2</sup>
FOSC 306	Food Science Laboratory	1 <sup>2</sup>

*Other*

Statistics course		3 <sup>2</sup>
MATH 114	Elementary Mathematics and Statistics	3 <sup>1</sup>
or		
Equivalent competency (math placement exam and free electives)		

**Within the College**

IFST course		3 <sup>1,2</sup>
TDCE course		3

**Within the Department**

A minimum grade of C must be achieved for credits to count toward the fulfillment of 41 credits in NTDT and FOSC; a minimum grade of C in 200-level courses must be achieved to proceed to upper-level courses; only 300-level courses and a maximum of four credits of Special Problems/Independent Study (NTDT x66) may count toward the fulfillment of this requirement.

Admission into Dietetics requires the completion of most courses in the first three semesters of Applied Nutrition. A cumulative grade point average of 2.5 is required for admission and retention.

NTDT 103	Introduction to Nutrition Professions	1 <sup>1</sup>
NTDT 200	Nutrition Concepts	3 <sup>1</sup>
NTDT 240	Introduction to Clinical Dietetics	2 <sup>2</sup>
NTDT 321	Quantity Food Production and Service	3 <sup>3</sup>

NTDT 322	Food Service Systems Management	4 <sup>3</sup>
NTDT 325	Laboratory in Quantity Food Production and Service	1 <sup>3</sup>
NTDT 330	Nutrition Counseling	2 <sup>3</sup>
NTDT 400	Macronutrients	3 <sup>3</sup>
NTDT 401	Micronutrients	3 <sup>3</sup>
NTDT 403	Dietetics Seminar	1 <sup>4</sup>
NTDT 421	Nutrition Research Methods	2 <sup>4</sup>
NTDT 440	Nutrition and Disease	4 <sup>3</sup>
NTDT 445	Nutrition Education	3 <sup>3</sup>
NTDT 460	Community Nutrition	3 <sup>4</sup>

**ELECTIVES**

*Electives* ..... 21<sup>1-4</sup>  
 May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

**CREDITS TO TOTAL A MINIMUM OF** ..... 129

**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES**  
**MAJOR: COORDINATED UNDERGRADUATE DIETETICS**

**CURRICULUM****CREDITS\*****UNIVERSITY REQUIREMENTS**

ENGL 110	Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#		3 <sup>1-4</sup>

**MAJOR REQUIREMENTS****External to the College**

*Humanities* ..... 9<sup>2-4</sup>  
 Minimum of nine credits selected from Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre.

*Sciences*

CHEM 101	General Chemistry	4 <sup>1</sup>
or		
CHEM 103	General Chemistry	4
CHEM 102	General Chemistry	4 <sup>1</sup>
or		
CHEM 104	General Chemistry	4
CHEM 213	Elementary Organic Chemistry	4 <sup>2</sup>
CHEM 214	Elementary Biochemistry	3 <sup>2</sup>
CHEM 216	Elementary Biochemistry Laboratory	1 <sup>2</sup>
BISC 103	General Biology †	3 <sup>1</sup>
BISC 113	General Biology Laboratory	1 <sup>1</sup>
BISC 371	Introduction to Microbiology	4 <sup>3</sup>
BISC 106	Elementary Human Physiology †	3 <sup>2</sup>
BISC 116	Elementary Human Physiology Laboratory	1 <sup>2</sup>

*Social Sciences*

ECON 151	Introduction to Microeconomics	3 <sup>1</sup>
PSYC 201	General Psychology	3 <sup>2</sup>
Sociology course		3 <sup>1</sup>
BUAD 309	Management and Organizational Behavior	3 <sup>3</sup>
Social Science course selected from		3 <sup>4</sup>
American Studies, Anthropology (cultural/social), Black American Studies, Criminal Justice, Economics (including		

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

†Students desiring to fulfill a Biology minor should take BISC 207 and 208 and BISC 406 and 416.

FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.

#### Food Science

FOSC 201	Food Principles	2 <sup>1</sup>
FOSC 211	Food Principles Laboratory	1 <sup>1</sup>
FOSC 305	Food Science	2 <sup>2</sup>
FOSC 306	Food Science Laboratory	1 <sup>2</sup>

#### Other

ACCT 207	Accounting I	3 <sup>2</sup>
	Statistics course	3 <sup>1</sup>
MATH 114	Elementary Mathematics and Statistics	3 <sup>1</sup>
	or	
	Equivalent competency (math placement exam and free electives)	

#### Within the College

IFST course	3 <sup>1,2</sup>
or	
TDCE course	3

#### Within the Department

Students are eligible to apply for admission to this major after acceptance into the University and upon completion of three semesters of the Applied Nutrition curriculum. A minimum grade of C must be achieved for credits to count toward the fulfillment of 55 NTDT and FOSC required credits; a minimum grade of C in 200-level courses must be achieved to proceed to upper-level courses; a maximum of four credits of Special Problems/Independent Study (NTDT x66) may count toward NTDT requirements. NTDT 150 and NTDT 303 are not applicable to degree requirements.

NTDT 200	Nutrition Concepts	3 <sup>1</sup>
NTDT 321	Quantity Food Production and Service	3 <sup>3</sup>
NTDT 322	Food Service Systems Management	4 <sup>3</sup>
NTDT 400	Macronutrients	3 <sup>3</sup>
NTDT 401	Micronutrients	4 <sup>3</sup>
NTDT 440	Nutrition and Disease	4
NTDT 445	Nutrition Education	3
NTDT 460	Community Nutrition	3 <sup>4</sup>
NTDT 331	Coordinated Dietetics I	6 <sup>3</sup>
NTDT 332	Coordinated Dietetics II	6 <sup>3</sup>
NTDT 450	Coordinated Dietetics III	8 <sup>4</sup>
NTDT 470	Coordinated Dietetics IV	6 <sup>4</sup>

#### ELECTIVES

Electives	6 <sup>4</sup>
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May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

**CREDITS TO TOTAL A MINIMUM OF 131**

#### DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: APPLIED NUTRITION

CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing	3 <sup>1</sup>
	Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1,4</sup>

#### MAJOR REQUIREMENTS

##### External to the College

Humanities	9 <sup>2,4</sup>
Minimum of nine credits selected from Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre.	

##### Sciences

CHEM 101	General Chemistry	4 <sup>1</sup>
or		
CHEM 103	General Chemistry	4
CHEM 102	General Chemistry	4 <sup>1</sup>
or		
CHEM 104	General Chemistry	4
CHEM 213	Elementary Organic Chemistry	4 <sup>2</sup>
CHEM 214	Elementary Biochemistry	3 <sup>2</sup>
CHEM 216	Elementary Biochemistry Laboratory	1 <sup>2</sup>
BISC 103	General Biology	3 <sup>1</sup>
BISC 113	General Biology Laboratory	1 <sup>1</sup>
or		
BISC 207	Introductory Biology I	4
BISC 106	Elementary Human Physiology	3 <sup>2</sup>
BISC 116	Elementary Human Anatomy and Physiology Lab	1 <sup>2</sup>
or		
BISC 406	Human Physiology	3
BISC 416	Human Anatomy and Physiology Lab	1

##### Social Sciences

Economics course	3
PSYC 201 General Psychology	3
Sociology course	3
BUAD 309 Management and Organizational Behavior	3
Social Science course selected from	3
American Studies, Anthropology (cultural/social), Black American Studies, Criminal Justice, Economics (including FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.	

##### Food Science

FOSC 201	Food Principles	2 <sup>1</sup>
FOSC 211	Food Principles Laboratory	1 <sup>1</sup>
FOSC 305	Food Science	2 <sup>2</sup>
FOSC 306	Food Science Laboratory	1 <sup>2</sup>

##### Other

MATH 114	Elementary Mathematics and Statistics	3 <sup>1</sup>
or		
	Equivalent competency (math placement exam and free electives)	

#### Within the College

IFST course	3 <sup>1,2</sup>
TDCE course	3
Human Resources courses (IFST, NTDT, TDCE, HRIM, HURE)	5 <sup>2</sup>

#### Within the Department

A minimum grade of C must be achieved for credits to count toward the fulfillment of 32 credits in NTDT and FOSC; a minimum grade of C in 200-level courses must be achieved to proceed to upper-level courses; only 300-level courses and a maximum of four credits of Special Problems/Independent Study (NTDT x66) may count toward the fulfillment of this requirement. Note: NTDT 150 and NTDT 303 are not applicable to degree requirements.

NTDT 103	Introduction to Nutrition Professions	1 <sup>1</sup>
NTDT 200	Nutrition Concepts	3 <sup>1</sup>
NTDT 400	Macronutrients	3 <sup>3</sup>

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

NTDT 401 Micronutrients .....	3 <sup>3</sup>
NTDT 404 Nutrition Seminar .....	1 <sup>4</sup>
NTDT 445 Nutrition Education .....	3 <sup>4</sup>
NTDT courses (300 level or higher) .....	9 <sup>4</sup>
NTDT courses .....	3 <sup>3</sup>

**ELECTIVES**

*Electives* ..... 29<sup>3,4</sup>

May include Military Science, Music, or Physical Education.  
(Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

**CREDITS TO TOTAL A MINIMUM OF** ..... 126

**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES**  
**MAJOR: NUTRITIONAL SCIENCES**

**CURRICULUM** ..... **CREDITS\***

**UNIVERSITY REQUIREMENTS**

ENGL 110 Critical Reading and Writing .....	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

**MAJOR REQUIREMENTS****External to the College**

*Humanities* ..... 9<sup>3,4</sup>

Minimum of nine credits selected from Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre.

*Sciences*

CHEM 103 General Chemistry .....	4 <sup>1</sup>
CHEM 104 General Chemistry .....	4 <sup>1</sup>
CHEM 321 Organic Chemistry .....	3 <sup>2</sup>
CHEM 325 Organic Chemistry Laboratory .....	1 <sup>2</sup>
CHEM 322 Organic Chemistry .....	3 <sup>2</sup>
CHEM 326 Organic Chemistry Laboratory .....	1 <sup>2</sup>
BISC 207 Introductory Biology I .....	4 <sup>1</sup>
BISC 208 Introductory Biology II .....	4 <sup>1</sup>
BISC 406 Human Physiology .....	3 <sup>2</sup>
BISC 416 Human Anatomy and Physiology Laboratory .....	1 <sup>2</sup>
BISC 371 Introduction to Microbiology .....	4 <sup>3</sup>
CHEM 214 Elementary Biochemistry .....	3 <sup>2</sup>
CHEM 216 Elementary Biochemistry Laboratory .....	1 <sup>2</sup>
CHEM 220 Quantative Analysis I .....	3 <sup>2</sup>
CHEM 221 Quantative Analysis Laboratory .....	1 <sup>2</sup>
PHYS 201 General Physics .....	4 <sup>3</sup>

*Social Sciences*

ECON 151 Introduction to Microeconomics .....	3 <sup>3</sup>
Social Science courses selected from .....	12 <sup>2,4</sup>
American Studies, Anthropology (cultural/social), Black American Studies, BUAD 309, Criminal Justice, Economics (including FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.	

*Food Science*

FOSC 201 Food Principles .....	2 <sup>2</sup>
FOSC 211 Food Principles Laboratory .....	1 <sup>2</sup>
FOSC 305 Food Science .....	2 <sup>2</sup>
FOSC 306 Food Science Laboratory .....	1 <sup>2</sup>

*Other*

FREC 408 Research Methods .....	3 <sup>3</sup>
MATH 221 Calculus I .....	3 <sup>1</sup>
or	
MATH 241 Analytic Geometry and Calculus A .....	4
MATH 222 Calculus II .....	3 <sup>1</sup>
or	
MATH 242 Analytic Geometry and Calculus B .....	4

**Within the College**

IFST course .....	3 <sup>1-4</sup>
or	
TDCE course .....	3 <sup>1-4</sup>
Human Resources courses (IFST, NTDT, TDCE, HRIM, HURE)	8 <sup>3,4</sup>

**Within the Department**

A minimum grade of C must be achieved for credits to count toward the fulfillment of 32 credits in NTDT and FOSC; a minimum grade of C in 200-level courses must be achieved to proceed to upper-level courses; only 300-level courses and a maximum of four credits of Special Problems/Independent Study (NTDT x66) may count toward the fulfillment of this requirement. Note: NTDT 150 and NTDT 303 are not applicable to degree requirements.

NTDT 200 Nutrition Concepts .....	3 <sup>1</sup>
NTDT 400 Macronutrients .....	3 <sup>3</sup>
NTDT 401 Micronutrients .....	3 <sup>3</sup>
NTDT 421 Nutrition Research Methods .....	2 <sup>4</sup>
NTDT 440 Nutrition and Disease .....	4 <sup>3</sup>
NTDT courses (300 level or higher) .....	11 <sup>2,4</sup>

**ELECTIVES**

*Electives* ..... 4-6<sup>2,4</sup>

May include Military Science, Music, or Physical Education.  
(Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

**CREDITS TO TOTAL A MINIMUM OF** ..... 129

**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES**  
**MAJOR: HOTEL, RESTAURANT AND INSTITUTIONAL MANAGEMENT**

**CURRICULUM** ..... **CREDITS\***

**UNIVERSITY REQUIREMENTS**

ENGL 110 Critical Reading and Writing .....	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

**MAJOR REQUIREMENTS****External to the College**

<i>Humanities</i> .....	9 <sup>1-4</sup>
ENGL 312 Written Communications in Business .....	3
Humanities Electives .....	6 <sup>2,4</sup>
<i>Sciences</i> .....	15 <sup>1,4</sup>
MATH 115 Pre-Calculus .....	3
STAT 201 Introduction to Statistics .....	3
BISC 171 Microbiology in Modern Society .....	3

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.



Six credits selected from but not limited to:	6
PHYS 101 Introduction to Physics	4
PHYS 104 Elementary Physics	3
PHYS 201 General Physics	4
SCEN 101 Physical Science	3-4
CHEM 101 General Chemistry	4
CHEM 105 General Chemistry	5-4
CHEM 200 Biochemistry Seminar for Nonscience Majors	3
CISC 105 General Computer Science	3

<i>Social Sciences</i>	15 <sup>1,4</sup>
PSYC 201 General Psychology	3
ECON 151 Introduction to Microeconomics	3
ECON 152 Introduction to Macroeconomics	3
BUAD 309 Management and Organizational Behavior	3

## Sociology course chosen from:

SOCI 201 Introduction to Sociology (Recommended)	3
SOCI 202 Social Deviance	3
SOCI 203 The Individual and Society	3
SOCI 204 Urban Communities	3
SOCI 209 Social Problems	3
SOCI 210 Population Problems	3

<i>Other</i>	15 <sup>1,4</sup>
ACCT 207 Accounting I	3-3
ACCT 208 Accounting II	3
ACCT 352 Law and Social Issues in Business	3
BUAD 260 Introduction to Business Information Systems I	3
BUAD 301 Introduction to Marketing	3

## Within the College

FOSC 201 Food Principles	2 <sup>1</sup>
FOSC 211 Food Principles Laboratory	1 <sup>1</sup>
IFST course	3 <sup>1</sup>
or	
TDCE course	3 <sup>2</sup>

## Within the Department

HRIM 180 Introduction to Hospitality	3 <sup>1,4</sup>
NTDT 200 Nutrition Concepts	3 <sup>1,4</sup>
HRIM 280 Property Management	3 <sup>1,4</sup>
HRIM 320 Hotel, Restaurant and General Food Service Purchasing	3 <sup>1,4</sup>
NTDT 321 Quantity Food Production and Service	3 <sup>1,4</sup>
NTDT 325 Laboratory in Quantity Food Production and Service	1 <sup>1,4</sup>
HRIM 380 Management of Lodging Operations	3 <sup>1,4</sup>
HRIM 381 Management of Food and Beverage Operations	3 <sup>1,4</sup>
HRIM 382 Managerial Accounting and Finance in the Hospitality Industry	3 <sup>1,4</sup>
HRIM 480 Human Relations in the Hospitality Industry	3 <sup>1,4</sup>
HRIM 481 Marketing in the Hospitality Industry	3 <sup>1,4</sup>
HRIM 482 Law of Innkeeping	3 <sup>1,4</sup>
HRIM 487 Management Systems in the Hospitality Industry	3 <sup>1,4</sup>
HRIM 488 HRIM Practicum I	4 <sup>1,4</sup>
HRIM 489 HRIM Practicum II	6 <sup>1,4</sup>

## ELECTIVES

<i>Electives</i>	19 <sup>3,4</sup>
May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.) Students are encouraged to develop fluency in a second language.	

CREDITS TO TOTAL A MINIMUM OF 129

The Hotel, Restaurant and Institutional Management Program curriculum is based in liberal arts, business and specialized courses in technical applications for the hotel and restaurant industries. The program is designed to produce tomorrow's leaders in the hospitality industry. Students are provided a foundation in the traditional academic areas to complement the state-of-the-art business and hospitality courses. The curriculum is structured to provide both a practical and a theoretical education. An integral part of the curriculum is the hospitality related work experience. A documented and paid student work requirement of 800 hours is required prior to the Level I and II internships (practicums) during the senior year. These combined work experiences assist in the preparation of students for the increasingly complex and challenging hospitality industry.

The emphasis of this program is on educational excellence and quality with a selective admissions process. One unique feature is the Hospitality Mentor System whereby students not only receive academic advisement from dedicated faculty, but are encouraged and enriched by preselected personal mentors from industry who share an interest in their professional growth and development. This linkage between academics and industry ensures the best possible guidance for students in pursuit of successful hospitality careers.

The University of Delaware is ideally located for a hospitality program. Job opportunities in the Delaware, Pennsylvania, New Jersey and Maryland metropolitan areas are unlimited. Students who desire part-time work will find outstanding employment opportunities in the local area.

## TEXTILES, DESIGN AND CONSUMER ECONOMICS

Textiles and Clothing Merchandising emphasizes the business aspects of buying and selling textile and apparel products, including retail management and fashion promotion. Textile Science addresses the fundamental connections between the structure of textile products (from fibers through finishes) and their end use properties. The Apparel Design program prepares students to apply creative design techniques to aesthetic endeavors as well as functional problems. Majors apply design techniques to human function and apparel forms. The Consumer Economics major prepares students to analyze and evaluate the economic, social and political impacts of con-

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup> freshman year, <sup>2</sup> sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

sumer decisions. This major prepares students for consumer affairs positions in business or government.

There are limitations on the number of students that can be enrolled in each major. Students wanting to transfer into the department will need to investigate department selection policies. Students are responsible for travel arrangements and costs for internships and some field experiences.

## DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: TEXTILES AND CLOTHING: MERCHANDISING

### CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

#### MAJOR REQUIREMENTS

##### External to the College

###### Humanities

English Writing course	3 <sup>2</sup>
COMM 255 Fundamentals of Communication	3 <sup>1</sup>
Art course	3 <sup>3</sup>
or	
Art History course	3
English Literature course	3 <sup>3</sup>

###### Sciences

CHEM 101 General Chemistry	4 <sup>1</sup>
CHEM 102 General Chemistry	4 <sup>1</sup>
CHEM 213 Elementary Organic Chemistry	4 <sup>2</sup>
Statistics course	3 <sup>2</sup>
or	
Computer Science course	3
or	
Mathematics course†	3

###### Social Sciences

ECON 151 Introduction to Microeconomics	3 <sup>1</sup>
ECON 152 Introduction to Macroeconomics	3 <sup>1</sup>
PSYC 201 General Psychology	3 <sup>2</sup>
SOCI 201 Introduction to Sociology	3 <sup>1</sup>
History course	3 <sup>1</sup>

###### Business

BUAD 309 Management and Organizational Behavior	3 <sup>3</sup>
ACCT 207 Accounting I	3 <sup>2</sup>
BUAD 301 Introduction to Marketing	3 <sup>3</sup>
ACCT 352 Law and Social Issues In Business	3 <sup>3</sup>
BUAD 471 Advertising Management	3 <sup>4</sup>
BUAD 474 Marketing Channels and Retailing	3 <sup>4</sup>
Business course(s)	3-6 <sup>4</sup>
and/or	
Economics course(s)	3-6

##### Within the College

Human Resources courses from two departments other than TDCE	6 <sup>2,3</sup>
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##### Within the Department

TDCE 114 Clothing in Contemporary Society	3 <sup>1</sup>
TDCE 115 Introduction to Textiles	3 <sup>1</sup>

TDCE 211 Clothing A: Basic Processes	3 <sup>1</sup>
or	
TDCE 216 Clothing B: Advanced Processes	3
TDCE 218 Fashion Merchandising	3 <sup>2</sup>
TDCE 224 Clothing Design and Production Since 1700	3 <sup>2</sup>
TDCE 315 Textile Analysis	3 <sup>3</sup>
TDCE 318 Fashion Merchandising Products	3
TDCE 418 Advanced Fashion Merchandising	3 <sup>3</sup>
TDCE 419 Social-Psychological Aspects of Clothing	3 <sup>4</sup>
TDCE 425 Textile Performance	3 <sup>4</sup>
TDCE 455 Textiles, Clothing and the Economy	3 <sup>4</sup>
TDCE 465 Seminar	1 <sup>3</sup>
TDCE courses	6 <sup>2-4</sup>

### ELECTIVES

Electives 17<sup>2-4</sup>

May include Military Science, Music or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree).

CREDITS TO TOTAL A MINIMUM OF 129

## DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: TEXTILE SCIENCE

### CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

#### MAJOR REQUIREMENTS

##### External to the College

###### Humanities

ENGL 312 Written Communications in Business	3 <sup>2</sup>
COMM 255 Fundamentals of Communication	3 <sup>2</sup>
or	
COMM 312 Oral Communication in Business	3 <sup>2</sup>
Humanities course selected from	3 <sup>3</sup>
Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre	
Foreign Language courses	0-12

###### Sciences

CHEM 103 General Chemistry	4 <sup>1</sup>
CHEM 104 General Chemistry	4 <sup>1</sup>
CHEM 220 Quantitative Analysis I	3 <sup>2</sup>
CHEM 221 Quantitative Analysis Laboratory	1 <sup>2</sup>
CHEM 321 Organic Chemistry	3 <sup>2</sup>
CHEM 325 Organic Chemistry Laboratory	1 <sup>2</sup>
CHEM 322 Organic Chemistry	3 <sup>2</sup>
CHEM 326 Organic Chemistry Laboratory	1 <sup>2</sup>
CHEM 418 Introductory Physical Chemistry	3 <sup>2</sup>
CHEM 445 Physical Chemistry Laboratory	1 <sup>3,4</sup>
MATH 241 Analytic Geometry and Calculus A	4
MATH 242 Analytic Geometry and Calculus B	4
PHYS 207 General Physics	4 <sup>3</sup>

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup> freshman year, <sup>2</sup> sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

†ECON 151 Introduction to Microeconomics has MATH 114 or MATH 115 as a corequisite.

*Social Sciences*

ECON 151	Introduction to Microeconomics	3 <sup>1</sup>
ECON 152	Introduction to Macroeconomics	3 <sup>1</sup>
PSYC 201	General Psychology	3 <sup>3</sup>
SOCI 201	Introduction to Sociology	3 <sup>2</sup>
Social Science course selected from		3 <sup>3</sup>

American Studies, Anthropology (cultural/social), Black American Studies, BUAD 309, Criminal Justice, Economics (including FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.

*Other*

BUAD 301	Introduction to Marketing	3 <sup>3</sup>
ACCT 260	Introduction to Business Information Systems I	3 <sup>1</sup>

**Within the College**

Human Resources courses 12<sup>1,3</sup>

Six credits in two departments other than TDCE

**Within the Department**

TDCE 115	Introduction to Textiles	3 <sup>1</sup>
TDCE 315	Textile Analysis	3 <sup>3</sup>
TDCE 415	Topics in Textiles	6 <sup>4</sup>
TDCE 425	Textile Performance	3 <sup>4</sup>
TDCE 455	Textiles, Clothing and the Economy	3 <sup>4</sup>
TDCE 465	Seminar	1 <sup>3</sup>
TDCE 466	Independent Study	6 <sup>4</sup>
TDCE courses		6 <sup>4</sup>

**ELECTIVES**

*Electives* 5-17<sup>2,4</sup>

May include Military Science, Music, or Physical Education (only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree).

**CREDITS TO TOTAL A MINIMUM OF 129**

**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES**

**MAJOR: APPAREL DESIGN**

**CURRICULUM**

**CREDITS\***

**UNIVERSITY REQUIREMENTS**

ENGL 110	Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing		3 <sup>1,4</sup>
multicultural, ethnic, and/or gender-related content.#		

**MAJOR REQUIREMENTS**

**External to the College**

*Humanities*

English Writing/Communication course	3 <sup>4</sup>
COMM 255 Fundamentals of Communication	3 <sup>2</sup>
ART 129 Design in Visual Arts	3 <sup>1</sup>
Twelve credits selected from Art, Art History, Theatre	12 <sup>1,3,4</sup>

*Sciences*

CHEM 101 General Chemistry	4 <sup>1</sup>
BISC 106 Elementary Human Physiology	3 <sup>1</sup>
BISC 116 Elementary Human Physiology Laboratory	1 <sup>1</sup>
Mathematics course†	3 <sup>2</sup>

Science course selected from 4<sup>2</sup>

Natural Sciences	Physical and Biological Sciences
Geography (physical)	Anthropology
Geology	Biological Sciences (including
Mathematical Sciences	ANSC, ENTO, FOSC, PLSC, SCEN)
Computer and	Chemistry
Information Sciences	Life and Health Sciences
	Physical Science
	Physics and Astronomy
	Psychology (physiological)

*Social Sciences*

ECON 151	Introduction to Microeconomics	3 <sup>2</sup>
History course		3 <sup>1</sup>
Sociology course		3 <sup>1</sup>
Psychology course		3 <sup>2</sup>
Social Science course selected from		3 <sup>3</sup>

American Studies, Anthropology (cultural/social), Black American Studies, BUAD 309, Criminal Justice, Economics (including FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.

*Business*

Business courses 6<sup>4</sup>

**Within the College**

Human Resources (IFST, NTDI, FOSC, TDCE) six credits 6<sup>3,4</sup>  
from two departments other than TDCE

**Within the Department**

TDCE 114	Clothing in Contemporary Society	3 <sup>1</sup>
TDCE 115	Introduction to Textiles	3 <sup>1</sup>
TDCE 211	Basic Clothing Processes or exemption	3 <sup>1</sup>
TDCE 216	Advanced Clothing Processes	3 <sup>1</sup>
TDCE 218	Fashion Merchandising	3 <sup>3</sup>
TDCE 214	Costume History Before 1700	3 <sup>2</sup>
TDCE 224	Clothing Design and Production Since 1700	3 <sup>2</sup>
TDCE 233	Fashion Drawing and Rendering	3 <sup>2</sup>
TDCE 333	Fashion Illustration and Coordination	3 <sup>3</sup>
TDCE 314	Apparel Design I	3 <sup>3</sup>
TDCE 324	Apparel Design II	3 <sup>3</sup>
TDCE 424	Apparel Design III	3 <sup>4</sup>
TDCE 419	Social-Psychological Aspects of Clothing	3 <sup>4</sup>
TDCE 425	Textile Performance	3 <sup>4</sup>
TDCE 455	Textiles, Clothing and the Economy	3 <sup>4</sup>
TDCE 465	Seminar	1 <sup>3</sup>

**ELECTIVES**

*Electives* 17-20<sup>2,4</sup>

May include Military Science, Music, or Physical Education (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits of 100- and 200-level courses in Military Science/Air Force may be counted toward the degree).

**CREDITS TO TOTAL A MINIMUM OF 129**

**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES**

**MAJOR: CONSUMER ECONOMICS**

**CURRICULUM**

**CREDITS\***

**UNIVERSITY REQUIREMENTS**

ENGL 110	Critical Reading and Writing	3 <sup>1</sup>
Three credits in an approved course or courses stressing		3 <sup>1,4</sup>
multicultural, ethnic, and/or gender-related content.#		

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

†ECON 151 Introduction to Microeconomics has MATH 114 or MATH 115 as a corequisite.

**MAJOR REQUIREMENTS****External to the College***Humanities*

English Writing course .....	3 <sup>2</sup>
COMM 255 Fundamentals of Communication .....	3 <sup>2</sup>
PHIL 200 .....	3 <sup>4</sup>
or .....	
Course in Ethics .....	3 <sup>4</sup>
Communications courses .....	6 <sup>3,4</sup>
Humanities course selected from .....	3 <sup>2</sup>
Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre.	

*Sciences*

STAT 201 Introduction to Statistics I .....	3 <sup>3</sup>
Computer Science elective .....	3 <sup>2</sup>
Science courses selected from .....	6 <sup>2</sup>

**Natural Sciences****Physical and Biological Sciences**

Geography (physical) .....		Anthropology .....	
Geology .....		Biological Sciences (including .....	
Mathematical Sciences .....		ANSC, ENTO, FOSC, PLSC, SCEN) .....	
Computer and .....		Chemistry .....	
Information Sciences .....		Life and Health Sciences .....	
		Physical Science .....	
		Physics and Astronomy .....	
		Psychology (physiological) .....	
Math course .....	3 <sup>1</sup>		
Math or Statistics course .....	3 <sup>2</sup>		

*Social Sciences*

ECON 151 Introduction to Microeconomics .....	3 <sup>1</sup>
ECON 152 Introduction to Macroeconomics .....	3 <sup>1</sup>
PSYC 201 General Psychology .....	3 <sup>2</sup>
History course .....	3 <sup>1</sup>
Sociology course .....	3
Political Science course .....	3 <sup>3</sup>

*Business*

ACCT 352 Law and Social Issues in Business .....	3 <sup>2</sup>
BUAD 301 Introduction to Marketing .....	3 <sup>3</sup>
BUAD 309 Management and Organizational Behavior .....	3 <sup>3</sup>
BUAD 473 Buyer Behavior .....	3 <sup>4</sup>
Business course(s) .....	9 <sup>3,4</sup>
and/or .....	
Economics course(s) .....	
and/or .....	
Accounting course(s) .....	
and/or .....	

## Any of the following:

POSC 341 Environment of Multinational Corporations .....	3
POSC 453 Public Personnel Administration .....	3
POSC 454 Public Administrative and Organizational Theory .....	3
POSC 455 Public Budgeting and Financial Management .....	3

**Within the College**

Human Resources courses (IFST, NTDI, TDCE) .....	9
Six credits from two departments other than TDCE .....	

**Within the Department**

TDCE 200 Consumer Economics .....	3 <sup>2</sup>
TDCE 335 Consumer Financial Management .....	3 <sup>4</sup>
TDCE 342 Consumer Laws and Regulation .....	3 <sup>2</sup>
TDCE 440 Advanced Consumer Economics .....	3 <sup>3</sup>
Electives chosen from .....	15 <sup>1,4</sup>
TDCE 100, 235, 242, 306, 310, 340, 435, 465 and other courses in Consumer Economics	

**ELECTIVES**

*Electives* ..... 15<sup>3,4</sup>

May include Military Science Music, or Physical Education.

(Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits 100- and 200-level courses in Military Science/Air Force may be counted toward the degree).

**CREDITS TO TOTAL A MINIMUM OF** ..... 129

**INTERDISCIPLINARY STUDIES  
IN HUMAN RESOURCES**

This major combines science, humanities, and social science requirements with a breadth of courses in the College. In addition to the core requirements in the College of Human Resources, the student also selects twenty-one additional credit hours from the three departments. These credits can provide depth in one content area within the College or they can be selected from various content areas. If the Human Resource courses are focused in one content area, and if available, the student may also declare a minor within the college. (The Department of Nutrition and Dietetics has a minor in nutrition.) Those courses that the student does select should reflect his or her personal and career objectives.

The student also has an opportunity to individualize the academic program through eighteen credit hours required in an area of interest outside the College. These courses should support a specialized program within the college and enhance the student's personal and career goals. If approved by the appropriate department, these courses may also fulfill the requirements for a minor.

Because of the opportunity to individualize the academic program, the Interdisciplinary Studies major is appropriate for students:

- whose career or personal goals can best be achieved by combining University-wide liberal arts courses, our College's area of specialization, and an area of interest/minor outside the College; or
- seeking Home Economics teacher certification.

Students desiring certification for teaching home economics grades 5-12 in Delaware schools can major in Interdisciplinary Studies in Human Resources or another home economics related program in the College of Human Resources. As part of their academic program they will complete necessary content and professional course requirements. (Note: Professional courses are not offered each semester. Students must work with their academic advisor to determine availability.) These require-

ments which are necessary for the Standard Certificate include:

- A minimum of 15 semester hours including human development, methods of teaching, and clinical and/or field experiences including student teaching at the appropriate level (7-12); and
- A minimum of 30 semester hours with at least one course from each of the following areas:  
Housing, home furnishings and home equipment  
Consumer and family economics  
Home management  
Family relations and child development  
Foods and nutrition  
Textiles and clothing

In addition, if a student has already received a bachelor's degree from an accredited college (which includes a general studies component) they can fulfill the requirements above and apply for certification.

For additional details, see Teacher Education Programs in the College of Education section of this catalog.

#### DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES

#### MAJOR: INTERDISCIPLINARY STUDIES IN HUMAN RESOURCES

#### CURRICULUM CREDITS\*

#### UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing .....	3 <sup>1</sup>
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content.#	3 <sup>1-4</sup>

#### MAJOR REQUIREMENTS

##### External to the College†

<i>Humanities</i>	
Humanities courses selected from .....	9 <sup>1-3</sup>
Art, Art History, Communication, English, Foreign Languages and Literatures, Linguistics, Museum Studies, Music, Philosophy, Theatre.	
Communications course .....	3 <sup>2-4</sup>

#### Sciences

Science courses selected from ..... 8<sup>1-3</sup>

Natural Sciences	Physical and Biological Sciences
Geography (physical)	Anthropology
Geology	Biological Sciences (including ANSC, ENTO, FOSC, PLSC, SCEN)
Mathematical Sciences	Chemistry
Computer and Information Sciences	Life and Health Sciences
	Physical Science
	Physics and Astronomy
	Psychology (physiological)

Biology course ..... 4<sup>1-2</sup>

#### Social Sciences

Economics course ..... 3<sup>1</sup>

Psychology course ..... 3<sup>1</sup>

Sociology course ..... 3<sup>1</sup>

Social Science courses selected from ..... 9<sup>2,3</sup>

American Studies, Anthropology (cultural/social), Black American Studies, BUAD 309, Criminal Justice, Economics (including FREC 120), Geography (economic and social), History, Political Science and International Relations, Psychology, and Sociology.

#### Other

Courses in area of minor outside the College. .... 18<sup>2-4</sup>

MATH 114 or equivalent ..... 3<sup>1</sup>

#### Within the Department

TDCE 114 Clothing in Contemporary Society .....	3 <sup>1</sup>
NTDT 200 Nutrition Concepts .....	3 <sup>1</sup>
NTDT 205 Nutrition in the Lifespan .....	3 <sup>2</sup>
IFST 221 Child Development .....	3 <sup>1,2</sup>
IFST 201 Lifespan Development .....	3 <sup>1,2</sup>
TDCE 235 Management of Resources .....	3 <sup>2</sup>
TDCE 200 Consumer Economics .....	3 <sup>3</sup>
Human Resources courses ** .....	21 <sup>2-4</sup>
(IFST, HRIM, NTDT, TDCE, HURE)	

#### ELECTIVES

*Electives* ..... 16<sup>2-4</sup>

May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music organization credits and four credits 100- and 200-level courses in Military Science/Air Force may be counted toward the degree.)

CREDITS TO TOTAL A MINIMUM OF ..... 124

\*Superior figures indicate year or years in which the course is normally taken, i.e., <sup>1</sup>freshman year, <sup>2</sup>sophomore year, etc.

\*\*Approved minor within the College may be included.

#This requirement may be fulfilled through a course taken to complete major, group, breadth, or elective requirements. See page 26.

†The major requires the completion of a second writing course selected from the College of Arts and Sciences "Courses Approved for Second Writing Requirement list." It is recommended that EDDV 374, practical/internship experience, or a research component be included in the academic program.

## NOTES