



COLLEGE OF HUMAN RESOURCES

- **GENERAL EDUCATION COURSES**
- **INDIVIDUAL AND FAMILY STUDIES**
 - Family and Community Services
 - Early Childhood Development and Education
 - Human Development and Family Processes
- **NUTRITION AND DIETETICS**
 - Dietetics
 - Applied Nutrition
 - Nutritional Sciences
- **TEXTILES, DESIGN AND CONSUMER ECONOMICS**
 - Textiles and Clothing: Merchandising
 - Apparel Design
 - Consumer Economics
- **HOTEL, RESTAURANT AND INSTITUTIONAL MANAGEMENT**
- **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 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. Most academic programs also provide practicum/internship experiences that enhance employability; or for those planning to pursue a graduate program, research apprenticeship experience is available.

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 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 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.

GENERAL EDUCATION COURSES

The following courses from outside of the College of Human Resources have been approved to fulfill humanities, science and social science electives.

HUMANITIES

Art, Art History, Communication, Comparative Literature, English, Foreign Language (including: ARAB, CHIN, FREN, GREK, GRMN, HEBR, ITAL, JAPN, LATN, PORT, RUSS, SPAN), Foreign Languages and Literatures, Jewish Studies, Linguistics, Museum Studies, Music, Philosophy, Theater, Women's Studies (WOMS 100, 203, 205, 208, 209, 210, 214, 216, 222, 318, 320, 324, 325, 326, 328, 330, 338, 339, 353, 380, 381, 382, 389, 465, 471, 480), Center for Science and Culture (CSCC 229, 241, 245, 246, 250, 330, 365, 368, 369, 444).

SCIENCES

Physical and Biological: Anthropology (ANTH 102, 104, 202), Biological Sciences, Animal Science, Chemistry, Entomology, Food Science, Geology, Marine Studies, Plant and Soil Science, Physics and Astronomy, Psychology (PSYC 314), Science.

Natural: Geography (GEOG 101, 152, 206, 220, 230, 235, 236, 250, 255, 320), Mathematics, Statistics (including PSYC 309), Computer and Information Science.

SOCIAL SCIENCE

American Studies, Anthropology (cultural/social, all except ANTH 102, 104, 202), Black American Studies, Business Administration (BUAD 309), Criminal Justice, Economics (including FREC 150), Geography (economic and social, including: GEOG 102, 120, 203, 210, 225, 226, 227, 236, 240, 310, 325, 328, 330, 340), History, Political Science, Psychology (except PSYC 309 and 314), Sociology, Women's Studies (WOMS 201, 202, 204, 206, 207, 211, 212, 213, 233, 240, 290, 291, 297, 298, 299, 300, 305, 323, 333, 335, 350, 363, 407, 409, 413, 415, 430, 436, 460, 473, 484, 498), Center for Science and Culture (CSCC 233, 242, 243, 271, 310, 311, 355, 382, 385).

INDIVIDUAL AND FAMILY STUDIES

The Department of Individual and Family Studies offers three majors for students interested in understanding life-span development within the family. Students in the department 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 and early interventionists. Certification requirements for state approved early childhood programs 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 program emphasizes developmentally appropriate, family-centered practices to meet the needs of all children, including those with disabilities.

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. Students are 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 (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)	3
MAJOR REQUIREMENTS	
External to the College	
Humanities	
English course	3
Communication course	3
Humanities electives (See p. 147)	6
Science electives	15
(One science elective must be a laboratory science and at least six credits must be in Physical or Biological Sciences. See p. 147)	
Social Sciences	
PSYC 201 General Psychology	3
Social Science electives (See p. 147)	12
Professional	
EDCE 332 Counseling Theories	3
EDCE 334 Experiential Education	3
Within the College	
NTDT Course (Nutrition or Health is recommended)	3
TDCE Course (Financial or Consumer Issues is recommended)	3
Within the Department	
IFST 101 Introduction to Community and Family Services	1
IFST 201 Life Span Development	3
IFST 202 Foundations of Family Studies	3

IFST 230 Emerging Life Styles	3
IFST 235 Survey in Child and Family Services	3
IFST 346 Delivery of Human Services	3
IFST 347 Human Services Delivery Systems	3
IFST 422 Family Relationships	3
Developmental electives chosen from:	
IFST 221 Child Development	3
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
One developmental elective must be related to the "area of interest" and approved by the advisor.	
IFST 465 Seminar	3
IFST 449 Internship in Community Services	9
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, restricted electives, and EDCE 332, and 334.	

RESTRICTED ELECTIVES

Restricted electives determined in consultation with advisor upon completion of IFST 235 Twelve credits restricted electives must be completed prior to senior internship	18
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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
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CREDITS TO TOTAL A MINIMUM OF 129

**HONORS BACHELOR OF SCIENCE:
FAMILY AND COMMUNITY SERVICES**

The recipient must complete:

- All requirements for the Bachelor of Science degree in Family and Community Services.
- All of the University's generic requirements for the Honors Baccalaureate Degree. (see page 30)
- These additional requirements:
 - Senior Seminar (IFST 465) must be taken as an Honors section.
 - 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 (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)	3
MAJOR REQUIREMENTS	
External to the College	
Humanities	
Literature course	3
Writing course (select from courses approved for Arts and Sciences second writing requirement, page 59)	3
Fine Arts/Humanities courses (selected from art, art history, theater, music, or foreign language)	6
Science/Mathematics	
BISC 105 Human Heredity and Development	3
BISC 115 Human Heredity and Development Laboratory	1
Earth Science course (either this or Physical Science course must include a lab)	3-4
Physical Science course	3-4
MATH 251 Mathematics for Elementary School I	3
MATH 252 Mathematics for Elementary School II	3
Mathematics elective	3
Social Sciences	
Sociology course	15
PSYC 201 General Psychology	3
American history course	3
Geography course	3
History elective (World/Non-western/Multicultural)	3

Professional	32
EDDV 210 Introduction to Literature and Literacy Learning	3
EDDV 306 Emerging Literacy: Young Children Learn to Read and Write	3
EDST 230 Introduction to Exceptional Children	3
MUED 390 Music in Elementary Schools	3
Certification Electives	12
Determined in consultation with academic advisor. Students seeking Early Care and Education certification complete 12 credits from the list of certification electives appropriate for working with children 0-K and their families. Students seeking Early Childhood Special Education certification complete IFST 463-Atypical Infant and Toddler, IFST 470-Families and Children at Risk, before student teaching, and six additional credits from the list of certification electives. Qualified students who seek an additional certification in Primary Education (K-4) must complete all requirements for the certification in Early Care and Education (0-K). For this dual certification (0-K and K-4), students must complete 12 credits of approved elementary methods courses in the College of Education as their certification electives. Enrollment in these courses is limited. An additional field experience is also required. Students seeking dual certification must have a major field index of 3.00 after 60 credit hours.	
EDDV 400 Student Teaching	8
(12 credits for dual certification)	
Prerequisites for EDDV 400 Student Teaching: a cumulative index 2.50 and a major field index of 2.75 (Information on courses designated in major field is available from Department Office) and a minimum grade of C- in all IFST courses, EDDV 306, and certification electives.	
Within the College	3
NTDT 200 Nutrition Concepts	3
or	
TDCE Course	3
Within the Department	3
IFST 101 Introduction to Community and Family Services	1
IFST 201 Life Span Development	3
IFST 202 Foundations of Family Studies	3
IFST 221 Child Development	3
IFST 222 Early Childhood Curriculum I	2
IFST 224 Early Childhood Curriculum I: Practicum	2
IFST 225 Professional Issues in ECDE	3
IFST 236 Infants and Toddlers: Development and Programs	3
(minimum grade C-)	
IFST 340 Early Childhood Curriculum II	3
IFST 435 Early Childhood Programs for Children with Exceptionalities	4
IFST 445 Parent Resources	2
IFST 452 Assessment of Young Children	3
IFST 465 Seminar	2
ELECTIVES	10
Electives	10
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. (see page 30 of this catalog.)
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 (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20).	3

MAJOR REQUIREMENTS

External to the College

Humanities	
Second Writing Course	3
Selected from courses approved for Arts and Science second writing requirement, page 59.	
Humanities electives	12
(See p. 147.)	
Sciences	
Statistics Course including PSYC 309 or SOCI 301	3
Math Course	3
Science electives	12
At least six credits must be Physical or Biological Sciences (See p. 147.)	
Social Sciences	
PSYC 201 General Psychology	3
SOCI 201 Introduction to Sociology	3
Social Science electives	9
(See p. 147.)	

Professional

Interest/Minor Courses	15
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Within the College

NTDT 200 Nutrition Concepts	3
TDCE Course	3

Within the Department

IFST 101 Introduction to Community and Family Services	1
IFST 201 Life Span Development	3
IFST 202 Foundations of Family Studies	3
IFST 328 Introduction to the Research Process	3
IFST 422 Family Relationships	3
IFST 428 Educational Research and Issues in Human Resources	3
IFST 480 IFST Senior Seminar	3
IFST 466 Independent Study (Supervised Study)	6
Related elective courses may be chosen from	12
IFST 221, IFST 236, IFST 329, IFST 339, IFST 403, or IFS 463	
All IFST courses require minimum grade of C-	

ELECTIVES

Electives	18
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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 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. (see page 30 of this catalog.)
3. These additional requirements:
 - a. Honors Research credits may substitute for the IFST 466 (6 hours) supervised research currently required in this major.
 - b. Senior Seminar (IFST 480) must be taken as an Honors section.
 - c. Achieve a 3.4 GPA in major.

NUTRITION AND DIETETICS

Programs in the Department of Nutrition and Dietetics integrate chemistry, biology, social science and business courses with the study of nutrition.

The Dietetics major leads to the attainment of certification as Registered Dietitian by the American Dietetic Association (ADA) and has approval status by the ADA Division of Education Accredi-

tation/Approval. Students in this major complete the professional practice requirement after the Bachelor of Science degree by completing an ADA dietetic internship or alternative. See the Graduate Catalog for information on the Dietetic Internship Program.

A second major in the Department is Applied Nutrition. The first two years of coursework is nearly identical for the Applied Nutrition and the Dietetics major. The students are admitted to the Dietetics major 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 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 the Dietetics major.

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 (e.g., physical therapy) and as such may be considered primarily as a preprofessional 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.

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 and are available from the department office.

HONORS DEGREES IN THE DEPARTMENT OF NUTRITION AND DIETETICS

Students can earn an Honors Bachelor of Science Degree in Applied Nutrition, Dietetics, or Nutritional Sciences by completing the following requirements:

1. All requirements for the Bachelor of Science Degree in the respective major.
2. All the University's generic requirements for the Honors Baccalaureate Degree (see page 30 of this catalog).

MINOR IN NUTRITION

Requirements for a minor in nutrition requires NTD 200, NTD 400, NTD 401 plus 6 credits in Nutrition and Dietetics at the 300-level or higher. A 2.0 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 NTD 400 and NTD 401.

DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: DIETETICS

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS	
ENGL 110 Critical Reading and Writing (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)	3

MAJOR REQUIREMENTS

External to the College

Humanities electives (See p. 147) 9

Sciences

CHEM 101 General Chemistry	4
or	
CHEM 103 General Chemistry	4
CHEM 102 General Chemistry	4
or	
CHEM 104 General Chemistry	4
CHEM 213 Elementary Organic Chemistry	4
CHEM 214 Elementary Biochemistry	3
CHEM 216 Elementary Biochemistry Laboratory	1
BISC 103 General Biology	3
BISC 113 General Biology Laboratory	1
or	
BISC 207 Introductory Biology I	4
and	
BISC 208 Introductory Biology II	4
BISC 106 Elementary Human Physiology	3
and	
BISC 116 Elementary Physiology Laboratory	4
or	
BISC 276 Human Physiology	3
BISC 371 Introduction to Microbiology	4

Students desiring to fulfill a Biology minor should take BISC 207, 208 and 276.

Social Sciences

ECON 151 Introduction to Microeconomics: Prices and Markets	3
or	
ECON 100 Economic Issues and Policies	3
PSYC 201 General Psychology	3
SOCIOLOGY (Three credits chosen from the following courses:)	3
SOCI 201 Introduction to Society	
SOCI 202 Social Deviance	
SOCI 203 The Individual and Society	
SOCI 204 Urban Communities	
SOCI 209 Social Problems	
SOCI 210 Population Problems	
SOCI 242 Society and the Health Professions	
SOCI 243 Society, Politics and Health Care	
PSYC 303 Introduction to Social Psychology	
SOCI 310 Sociology of Healthcare	
BUAD 309 Management and Organizational Behavior	3
Social Science elective (See p. 147.)	3

Food Science

Requires a minimum grade of C-; a minimum grade of C- in 200-level courses must be achieved to proceed to upper-level courses.

FOSC 201 Food Principles	2
FOSC 211 Food Principles Laboratory	1
FOSC 305 Food Science	2
FOSC 306 Food Science Laboratory	1

Other

Statistics course selected from: STAT 201, PSYC 309, FREC 408	3
MATH 114 Elementary Mathematics and Statistics	3
or	
Successful performance on the Proficiency Test in Mathematics administered by Department of Mathematical Sciences.	

Within the College

IFST course	3
TDCE course	3

Within the Department

A minimum grade of C- must be achieved for credits to count toward the fulfillment of 35 credits in NTD; 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.

NTDT 103 Introduction to Nutrition Professions	1
NTDT 200 Nutrition Concepts	3
NTDT 240 Introduction to Clinical Dietetics	3

NTDT 321	Quantity Food Production and Service	3
NTDT 322	Food Service Systems Management	4
NTDT 325	Laboratory in Quantity Food Production and Service	1
NTDT 330	Nutrition Counseling	3
NTDT 400	Macronutrients	3
NTDT 401	Micronutrients	3
NTDT 403	Dietetics Seminar	1
NTDT 421	Nutrition Research Methods	2
NTDT 440	Nutrition and Disease	3
NTDT 445	Nutrition Education	3
NTDT 460	Community Nutrition	3

ELECTIVES

Electives 16-20
 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: APPLIED NUTRITION**

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing (minimum grade C-) 3
 Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p 20) 3

MAJOR REQUIREMENTS

External to the College

Humanities electives 9
 (See p 147.)

Sciences

CHEM 101	General Chemistry	4
or		
CHEM 103	General Chemistry	4
CHEM 102	General Chemistry	4
or		
CHEM 104	General Chemistry	4
CHEM 213	Elementary Organic Chemistry	4
CHEM 214	Elementary Biochemistry	3
CHEM 216	Elementary Biochemistry Laboratory	1
BISC 103	General Biology	3
BISC 113	General Biology Laboratory	1
or		
BISC 207	Introductory Biology I	4
and		
BISC 208	Introductory Biology II	4
BISC 106	Elementary Human Physiology	3
and		
BISC 116	Elementary Human Anatomy and Physiology Lab	1
or		
BISC 276	Human Physiology	4

Students desiring to fulfill a Biology minor should take BISC 207, 208 and 276

Social Sciences

ECON 100	Economic Issues and Policies	3
or		
ECON 151	Introduction to Microeconomics: Prices and Markets	3
PSYC 201	General Psychology	3
Sociology course		3
BUAD 309	Management and Organizational Behavior	3
Social Science elective		3

(See p 147.)

Food Science

Requires a minimum grade of C- and a minimum grade of C- in 200-level courses must be achieved to proceed to upper-level courses.

FOSC 201	Food Principles (minimum grade C-)	2
FOSC 211	Food Principles Laboratory (minimum grade C-)	1
FOSC 305	Food Science (minimum grade C-)	2
FOSC 306	Food Science Laboratory (minimum grade C-)	1

Other

MATH 114 Elementary Mathematics and Statistics 3
 or
 Successful performance on the Proficiency Test in Mathematics administered by Department of Mathematical Sciences

Within the College

IFST course	.....	3
TDCE course	.....	3
Human Resources courses (IFST, NTDT, TDCE, HRIM, HURE)	.....	5

Within the Department

A minimum grade of C- must be achieved for credits to count toward the fulfillment of 26 credits in NTDT; 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

NTDT 103	Introduction to Nutrition Professions	1
NTDT 200	Nutrition Concepts	3
NTDT 400	Macronutrients	3
NTDT 401	Micronutrients	3
NTDT 404	Nutrition Seminar	1
NTDT 445	Nutrition Education	3
NTDT courses (300-level or higher)	.....	9
NTDT courses	.....	3

ELECTIVES

Electives 25-29
 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 (minimum grade C-) 3
 Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p 20) 3

MAJOR REQUIREMENTS

External to the College

Humanities electives (See p 147.) 9

Sciences

CHEM 103	General Chemistry	4
CHEM 104	General Chemistry	4
CHEM 214	Elementary Biochemistry	3
CHEM 216	Elementary Biochemistry Laboratory	1
CHEM 220	Quantative Analysis I	3
CHEM 221	Quantative Analysis Laboratory	1
CHEM 321	Organic Chemistry	4
CHEM 322	Organic Chemistry	4
BISC 207	Introductory Biology I	4
BISC 208	Introductory Biology II	4
BISC 276	Human Physiology	4
BISC 371	Introduction to Microbiology	4
PHYS 201	Introductory Physics I	4

Social Sciences

ECON 151	Introduction to Microeconomics: Prices and Markets	3
or		
ECON 100	Economic Issues and Policies	3
Social Science elective	(See p 147.)	12

Food Science

Requires a minimum grade of C-, and a minimum grade of C- in 200-level courses must be achieved to proceed to upper-level courses.

FOSC 201	Food Principles (minimum grade C-)	2
FOSC 211	Food Principles Laboratory (minimum grade C-)	1
FOSC 305	Food Science (minimum grade C-)	2
FOSC 306	Food Science Laboratory (minimum grade C-)	1

Other		
FREC 408	Research Methods	3
MATH 221	Calculus I	3
or		
MATH 241	Analytic Geometry and Calculus A	4
MATH 222	Calculus II	3
or		
MATH 242	Analytic Geometry and Calculus B	4

Within the Department

A minimum grade of C- must be achieved for credits to count toward the fulfillment of 26 credits in NTDT; 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

NTDT 200	Nutrition Concepts	3
NTDT 400	Macronutrients	3
NTDT 401	Micronutrients	3
NTDT 421	Nutrition Research Methods	2
NTDT 440	Nutrition and Disease	3
NTDT courses (300-level or higher)		9
NTDT course		3

ELECTIVES

Electives 6-8

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 120

TEXTILES, DESIGN AND CONSUMER ECONOMICS

The Department of Textiles, Design and Consumer Economics addresses the design, development, analysis, delivery and use of products and services through its three major courses of study. The Apparel Design major studies the conceptualization and production of products for apparel-related industries to meet consumer needs. Students in Consumer Economics study the interaction between individuals/families and the marketplace, emphasizing the effects of resources and public policy on consumer welfare. The Textiles and Clothing: Merchandising major addresses the planning, production, promotion and distribution of products in fashion industries to meet consumer demand.

Internal transfer applications are evaluated on a rolling basis. Students are advised to contact the Department office regarding selection policies.

**DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES
MAJORS: APPAREL DESIGN (APD) or
TEXTILES AND CLOTHING: MERCHANDISING (TC)**

Both the APD and TC curricula consist of a core supplemented by courses specific to each major, facilitating a double major or transfer from either major to the other.

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing (minimum grade C-)	3
Three credits in an approved course or courses stressing		3
multicultural, ethnic, and/or gender-related content (see p. 20)		

MAJOR REQUIREMENTS

External to the College

Humanities

English Writing course		3
Selected from courses approved for Arts and Science second writing requirement, page 59.		
COMM 255	Fundamentals of Communication	3
or		
COMM 312	Oral Communication in Business	3

ART 129	Design in Visual Arts	3
or		
ART 130	Drawing I: Tools and Techniques	3

Foreign Language

Two modern foreign language courses 0-8

Students with fewer than two high school years of a particular foreign language will be placed in a 105 language course and will then take 105-106. Students with two or three years of a particular language will be placed in a 106 language course and will then take 106-107. Students with more than three years will be placed in a 107 language course and, upon completing 107, will be advised, but not required, to take a 200-level language course. Students with four or more high school years of a foreign language may attempt to fulfill the requirement by taking an exemption examination and will then be advised, but not required, to take a 200-level language course.

Sciences

CHEM 101	General Chemistry	4
CHEM 102	General Chemistry	4
Math 114 or 115, or higher level/equivalent		3
ECON 151	Introduction to Microeconomics has MATH 114 or MATH 115 as a corequisite.	3

Social Sciences

ECON 151	Introduction to Microeconomics: Prices and Markets	3
PSYC 201	General Psychology	3
SOCI 201	Introduction to Sociology	3
History course		3

Within the College

Human Resources (IFST, HRIM, HURE, NTDT) course from		3
a program department other than TDCE		

Within the Department

TDCE 114	Clothing in Contemporary Society	3
TDCE 215	Fundamentals of Textiles I	3
TDCE 211	Clothing A: Basic Processes	3

Students have an opportunity to test out of this course and complete TDCE 216. APD student exempt from TDCE 211 can substitute an elective

or		
TDCE 216	Advanced Clothing Processes	3
TDCE 218	Fashion Merchandising	3
TDCE 220	Fundamentals of Textiles II	3
Costume History course		3
TDCE 325	Presentation Techniques	3
TDCE 365	Fashion Merchandising and Apparel Design Seminar	1
TDCE 419	Social-Psychological Aspects of Clothing	3
TDCE 455	Textiles, Clothing and the Economy	3

CORE CURRICULUM COURSE CREDITS TO TOTAL..... 66-74

ADDITIONAL APPAREL DESIGN CURRICULUM

CURRICULUM CREDITS

MAJOR REQUIREMENTS

External to the College

Art, Art History, Theatre

Nine credits selected from Art (ART), Art History (ARTH) and/or Theatre (THEA) 9

Business

Business Administration courses (BUAD) 6

Within the Department

TDCE 216	Advanced Clothing Processes	3
Additional Costume History course		3
TDCE 233	Fashion Drawing and Rendering	3
TDCE 314	Apparel Design I	3
TDCE 324	Apparel Design II	3
TDCE 333	Fashion Design and Forecasting	3
TDCE 424	Apparel Design III	3
TDCE 433	Mass Market Apparel	4

ELECTIVES

Electives 6-14

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 120

HONORS BACHELOR OF SCIENCE: APPAREL DESIGN

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Apparel Design.
2. All the University's generic requirements for the Honors Baccalaureate Degree (See page 30). Within these requirements, the twelve (12) honors credits earned in courses in the Department of Textiles, Design and Consumer Economics or in closely related areas outside the Department must be approved by the student's advisor. Of these, a minimum of six (6) credits must be taken in the Department of Textiles, Design and Consumer Economics.

ADDITIONAL TEXTILES AND CLOTHING: MERCHANDISING CURRICULUM

MAJOR REQUIREMENTS

External to the College

Business

ACCT 207	Accounting I	3
or		
TDCE 217	Accounting Practice for Merchandise	3
ACCT 352	Law and Social Issues in Business	3
ACCT 260	Introduction to Business Information Systems I	3
BUAD 301	Introduction to Marketing	3
BUAD 309	Management and Organizational Behavior	3
BUAD 471	Advertising Management	3
BUAD 474	Marketing Channels and Retailing	3
ECON 152	Introduction to Macroeconomics	3

Within the Department

TDCE 318	Fashion Merchandising Products	3
TDCE 418	Advanced Fashion Merchandising	4
Additional TDCE courses		6

ELECTIVES

Electives

9-17
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 120

HONORS BACHELOR OF SCIENCE: TEXTILES AND CLOTHING: MERCHANDISING

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Textiles and Clothing: Merchandising.
2. All the University's generic requirements for the Honors Baccalaureate Degree (See page 30). Within these requirements, the twelve (12) honors credits earned in courses in the Department of Textiles, Design and Consumer Economics or in closely related areas outside the Department must be approved by the student's advisor. Of these, a minimum of six (6) credits must be taken in the Department of Textiles, Design and Consumer Economics.

DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: CONSUMER ECONOMICS

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20).		3

MAJOR REQUIREMENTS

External to the College

Humanities

English Writing course	3	
Selected from courses approved for Arts and Science second writing requirement, page 59.		
COMM 255	Fundamentals of Communication	3
PHIL 200 or PHIL 202		3
Communications courses		6
Humanities elective (See p. 147)		3

Sciences

STAT 201	Introduction to Statistics I	3
Science elective (See p. 147)		3
Math course		3
Math or Statistics course		3
Only three credits from any combination of MATH 114, MATH 115, MATH 170, MATH 171 and MATH 172 can count toward graduation.		

Social Sciences

ECON 151	Introduction to Microeconomics: Prices and Markets	3
ECON 152	Introduction to Macroeconomics: National Economy	3
PSYC 201	General Psychology	3
Sociology course		3
Political Science course		3

Business

ACCT 352	Law and Social Issues in Business	3
BUAD 301	Introduction to Marketing	3
BUAD 309	Management and Organizational Behavior	3
BUAD 473	Buyer Behavior	3

Business course(s) 9

and/or

Economics course(s)

and/or

Accounting course(s)

and/or

Finance 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

Computer Applications

ACCT 260 Introduction to Business Information Systems I 3

CISC 105 General Computer Science 3

FREC 135 Introduction to Data Analysis 3

FREC 435 Microcomputer Use in Agricultural Economics 3

PSYC 306 Computer Application in Psychology 3

Within the College

Human Resources courses (IFST, HRIM, HURE, NTD, TDCE) 9

Six credits from two departments other than TDCE

Within the Department

TDCE 200 Consumer Economics 3

TDCE 335 Consumer Financial Management 3

TDCE 342 Consumer Laws and Regulation 3

TDCE 440 Advanced Consumer Economics 3

Electives chosen from 15

TDCE 235, 242, 310, 322, 340, 400, 401, 422, 435, 442 and other courses in Consumer Economics

ELECTIVES

12

Electives

12

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 120

HONORS BACHELOR OF SCIENCE: CONSUMER ECONOMICS

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Consumer Economics.
2. All the University's generic requirements for the Honors Baccalaureate Degree (See page 30). Within these requirements,

the twelve (12) honors credits earned in courses in the Department of Textiles, Design and Consumer Economics or in closely related areas outside the Department must be approved by the student's advisor. Of these, a minimum of six (6) credits must be taken in the Department of Textiles, Design and Consumer Economics.

HOTEL, RESTAURANT AND INSTITUTIONAL MANAGEMENT

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. 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 practicums during the junior and senior year. These combined work experiences assist in the preparation of students for the increasingly complex and challenging hospitality industry.

Students in the Hotel, Restaurant and Institutional Management program also have the opportunity to participate in a 4 + 1 program with the College of Business and Economics. With careful planning academically eligible students can complete both their undergraduate degree in the College of Human Resources and the Master of Business Administration degree in five years. Additional information is available from the program office.

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

CURRICULUM	CREDITS
UNIVERSITY REQUIREMENTS	
ENGL 110 Critical Reading and Writing (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)	3
MAJOR REQUIREMENTS	
External to the College	
Humanities 9	
ENGL 312 Written Communications in Business	3
Humanities electives (See p. 147)	6
Sciences 15-18	
MATH 114 or MATH 170 College Mathematics and Statistics (designed for students who do not intend to continue the study of mathematics)	3
or	
MATH 115 or MATH 171 Pre-Calculus (designed for students who intend to continue the study of mathematics)	3
or	
Successful performance on the proficiency test in mathematics administered by the Department of Mathematical Sciences	
STAT 201 Introduction to Statistics	3
BISC 171 Microbiology in Modern Society	3
FOSC 201 Food Principles	2
FOSC 211 Food Principles Laboratory	1
Science electives (See p. 147)	6
Social Sciences 12-15	
PSYC 201 General Psychology	3
ECON 100 Economic Issues and Policies	3
or	
ECON 151 Introduction to Microeconomics: Prices and Markets	3
and	
ECON 152 Introduction to Macroeconomics: The National Economy	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
Other	13-15
ACCT 2xx	4
or	
ACCT 207 Accounting I	3
and	
ACCT 208 Accounting II	3
ACCT 260 Introduction to Business Information Systems I	3
ACCT 352 Law and Social Issues in Business	3
BUAD 301 Introduction to Marketing	3

Within the College

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

All HRIM, NTDT, and FOSC courses require a minimum grade of C-.

ELECTIVES

Electives 16-24
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 120

HONORS DEGREE IN HOTEL, RESTAURANT AND INSTITUTIONAL MANAGEMENT

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Hotel, Restaurant and Institutional Management.
2. All the University's generic requirements for the Honors Degree (See page 30).

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 College. The 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 requirements which are necessary for the Standard Certificate include:

- A minimum of 24 semester hours including human development/learning, methods of teaching home economics (including clinical experience), identifying exceptionalities, effective teaching strategies, multicultural education and student teaching evenly divided between middle and high school levels; and

- A minimum of 36 semester hours with at least one course from each of the following areas:

- Housing/home furnishings/home equipment
- Consumer/family economics
- Home management
- Child development
- Family life/parenthood education
- Foods/nutrition
- Textiles/clothing
- Computer literacy

Student teaching requires a cumulative index of 2.50, a major field index of 2.75 and C- grade in required courses. (Additional information is available from program coordinator.)

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 (minimum grade C-)	3
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)	3

MAJOR REQUIREMENTS

External to the College

Humanities

Humanities electives (See p. 147)	9
Communications course	3

Sciences

Science electives (See p. 147)	8
Biology course	4

Social Sciences

Economics course	3
Psychology course	3
Sociology course	3
Social Science electives (See p. 147)	6

Other

Courses in area of interest or minor outside the College	18
MATH 114 or equivalent	3

A second writing course is also required. It should be selected from the courses approved for Arts and Science (See page 59) and can be used to fulfill another degree requirement.

Within the Department

NTDT 200 Nutrition Concepts	3
NTDT 205 Nutrition in the Lifespan	3
IFST 221 Child Development	3
IFST 201 Lifespan Development	3
TDCE 114 Clothing in Contemporary Society	3
TDCE 235 Management of Resources	3
TDCE 200 Consumer Economics	3
Human Resources courses (IFST, HRIM, NTDT, TDCE, HURE)	21

ELECTIVES

Electives	15
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It is recommended that EDCE 334 Experiential Education, practicum/internship experience or research component be included in the academic program. 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 120

