## 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
－Diefetics
－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 careers in business； industry；public，private，and government agencies；and education．

In addition to the specialized college courses necessary for com－ petence 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 gradu－ ate program，research apprenticeship experience is available．

Each student＇s academic adviser，a faculty member with exper－ tise 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 inter－ est outside of the college，a double degree，double major，or interde－ partmental 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 excep－ tionally talented and highly motivated students．Students in each aca－ demic 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 indi－ vidualized program focusing on the student＇s academic interests．

Outstanding facilities also offer students many unique opportu－ nities．The College of Human Resources houses a computer－aided design laboratory，laboratory preschool，historic costume and textile collection space，textile testing laboratory，nutrition clinic and mer－ chandising display areas．Other campus sites provide quantity foods laboratories，an adult day care center，computing laboratories and multi－media classrooms to support the college＇s programs．

## 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

$\mathbf{A r t}_{\text {rt }}$ Art History，Communication，Comparative Literature，English， Foreign Language（including：CHIN，FREN，GREK，GRMN，ITAL， JAPN，LATN，PORT，RUSS，SPAN），Foreign Languages and Litera－ tures，Linguistics，Museum Studies，Music，Philosophy；Theater， Women＇s Studies（WOMS 203，205，210，214，216，222，318，320， $324,325,326,330,338,339,380,381,382,389,465,471,480$ ）， Center for Science and Culture（CSCC 206，229，241，245，246，248， $250,330,365,368,369,444)$ ．

## SCIENCES

Physical and Biological：Anthropology（ANTH 102，104，202），Bio－ logical Sciences，Animal Science，Chemistry，Entomology，Food Sci－
ence, Geology, Marine Studies, Plant 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

Early American Culture, Anthropology (cultural/social, all except ANTH 102, 104, 202), Black American Studies, Business Administration (BUAD 309), Criminal Justice, Economics (including FREC 120), 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 314), Sociology, Women's Studies (WOMS 201, 202, 204, 206, 207, 211, 212, 233, $240,290,291,293,297,298,299,300,305,307,323,333,335,350$, $363,409,413,415,416,430,460,473,484,498$ ), Center for Science and Culture (CSCC 233, 242, 243, 271, 310, 311, 355, 382).

## 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, 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 advisers 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 practica, 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

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 determined in consultation with adviser $18^{3,4}$
upon completion of IFST 235. Twelve credits restricted electives must
be completed prior to senior internship
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 $200-\mathrm{level}$ courses in Military Science/Air Force may be counted toward the degree.)
CREDITS TO TOTAL A MINIMUM OF

## HONORS BACHELOR OF SCIENCE:

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Family and Community Services.
calaureate Degree. (see page 25)

[^0]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* <br> UNIVERSITY REQUIREMENTS <br>  multicultural, ethnic, and/or gender-related content.\# <br> MAJOR REQUIREMENTS <br> External to the College

## Humanifies

English course …….................................................................................... $3^{1}$


(See page 167)

At least six credits must be in Physical or Biological Sciences. (See page 167.)
MATH 251 Mathematics for Elementary School......................................... $3^{1}$
BISC 105 Human Heredity and Development
BISC. 115 Human Heredity and Development Laboratory ................................. ${ }^{1}$

## Social Sciences



(See page 168 .)

## Professional

EDDV 220 Introduction to the Teaching of Reading ............................... $3^{2}$
EDDV 306 Language Arts in Nursery and Kindergarten ….............. $3^{3}$
EDST 230 Introduction to Exceptional Children ...... ...................................... $3^{2}$
MUED 390 Music in Elementary Schools .............................................. $3^{3}$
EDST 202 Human Development and Educational Practice .............................. $3^{1}$
Certification Electives
Determined in consultation with academic advisor. Students seeking
Nursery/Kindergarten certification complete 12 credits from the list of
certification electives Students seeking 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 .............................................................. $8^{4}$
Prerequisites for EDDV 400 Student Teaching: a cumulative index 250 and a major field index of 275 with a minimum grade of $C_{\text {. in }}$ in required courses (Information on courses designated in major field is available from Department Office.)
Within the College


Within the Department
IFST 101 Introduction to Community and Family Services …........... 11

IFST 202 Foundations of Family Studies ..................................................... 31
IFST 221 Child Development.............................................................. 3
IFST 222 Early Childhood Curriculum I
IFST 224 Early Childhood Curriculum I: Practicum
IFST 236 Infants and Toddlers: Development and Programs
IFST 340 Early Childhood Curriculum II
IFST 435 Early Childhood Programs for Children with Exceptionalities
IFST 445 Parent Resources
IFST 452 Assessment of Young Children
IFST 465 Semina
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

## HONORS BACHELOR OF SCIENCE:

## EARIY 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 25 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** ....: .............................. $3_{1}^{1}$
Three credits in an approved course or courses stressing $\quad 3^{1.4}$ multicultural, ethnic, and/or gender-related content \#
MAJOR REQUIREMENTS
External to the College
Humanities

(See page 167)
Sciences



At least six credits must be Physical or Biological Sciences
(See page 167.)
Social Sciences
PSYC 201 General Psychology ...................................................................

Social Science electiv
(See page 168 .)
Professional
Interest/Minor Courses
Within the College
NTDT $200 \quad$ Nutrition Concepts
TDCE Course

Within the Department
IFST 101. Introduction to Community and Family Services ......................... 1
IFST 201 Life Span Development .....................................................
IFST 202 Foundations of Family Studies ........................................... 3
IFST 328 Introduction to the Research Process
IFST 422 Family Relationships
IFST 428 Educational Research and Issues in Human Resources .............. $3^{3}$
IFST 480 IFST Senior Seminar . $\quad 3^{4}$

IFST 221, IFST 236, IFST 329, IFST 339, IFST 403, or IFS 463
ELECTIVES
Electives.
May include Military Science, Music, or Physical Education. Only two
credits of activity-type Physical Education and four credits of Music orga-
nization 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

[^1]
## 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 25 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

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 prepro-
fessional 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.

## honors degrees in the

## DEPARTMENT OF NUTRITION AND DIETETICS

Students can earn an Honors Bachelor of Science Degree in Applied Nutrition, Dietetics, Nutritional Sciences, Coordinated Undergraduate Dietetics, or Hotel, Restaurant \& Institutional Management 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 25 of this catalog).

## 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 2.0 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 NTDT 400 and NTDT 401.

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

| CURRICÚLUM |  | CREDITS* |
| :---: | :---: | :---: |
| UNIVERSITY REQUIREMENTS |  |  |
| Three credits in an approved course or courses stressing ...........................4 multicultural, ethnic, and/or gender-related content \# |  |  |
| MAJOR REQUIREMENTS |  |  |
| External to the College |  |  |
| Humanifie (See pag | electives 167.) | $9^{2-4}$ |
| Sciences |  |  |
| CHEM 101 | General Chemistry | -.... $4^{1}$ |
| CHEM 103 | General Chemistry | $4^{1}$ |
| $\text { CHEM } 102$ | General Chemistry | $4^{1}$ |
| CHEM 104 | General Chemistry | 4 |
| CHEM 213 <br> CHEM 214 | Elementary Organic Chemisiry Elementary Biochemistry. |  |
| CHEM 216 | Elementary Biochemistry Laboratory | $1^{2}$ |
| BISC 103 | General Biology $\ddagger$ |  |
| $\begin{aligned} & \text { BISC } 113 \\ & \text { or } \end{aligned}$ | General Biology Laboratory |  |
| $\begin{gathered} \text { BISC } 207 \\ \text { and } \end{gathered}$ | Introductory Biology I | $4^{1}$ |
| BISC 208 | Introductory Biology II | $4^{1}$ |
| BISC 106 | Elementary Human Physiology $\ddagger$ |  |
| BISC 116 | Elementary Physiology Laboratory |  |
|  | Human Physiology | $3^{1,2}$ |

UNVERSITY REQUREMENTS
Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content \#
MAJOR REQUREMENTS
(See page 167)

[^2]| BISC 416 | Human Anatomy and Physiology Laboratory | $)^{1,2}$ |
| :---: | :---: | :---: |
| BISC 371 | Introduction to Microbiology | $4^{3}$ |
| Social Sciences |  |  |
| ECON 151 | Introduction to Microeconomics | 31 |
| PSYC 201 | General Psychology | 31 |
| Sociology course .................. |  |  |
| BUAD 309 | Management and Organizational Behavior | $3^{3}$ |
| Social Science elective (See page 168) |  |  |
| Food Science |  |  |
| FOSC 201 | Food Principles | 22 |
| FOSC 211 | Food Principles Laboratory | 12 |
| FOSC 305 | Food Science ......... | - $2^{2}$ |
| FOSC 306 | Food Science Laboratory | $1^{2}$ |
| Other |  |  |
| Statistics course |  |  |
| $\text { MATH } 114$ <br> or | Elementary Mathematics and Statistics | $3^{1}$ |
| Equivalent competency |  |  |
| Within the College |  |  |
| IFST course TDCE course |  | $\begin{aligned} & 3^{1-4} \\ & 3^{1-4} \end{aligned}$ |
| Within the Department |  |  |
| A minimum grade of $C$ must be achieved for credits to count toward the fulfill ment 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. |  |
| NTDT 200 | Nutrition Concepts .................... |  |
| NTDT 240 | Introduction to Clinical Dieterics | 2 |
| NTDT 321 | Quantity Food Production and Service | 33 |
| NTDT 322 | Food Service Systems Management | 43 |
| NTDT 325 | Laboratory in Quantity Food Production and |  |
| NTDT 330 | Nutrition Counseling ........................ | 33 |
| NTDT 400 | Macronutrients ........ | 33 |
| NTDT 401 | Micronutrients | $3^{3}$ |
| NTDT 403 | Dietetics Seminar | 14 |
| NTDT 421 | Nutrition Research Methods | $\cdots{ }^{4}$ |
| NTDT 440 | Nutrition and Disease | 43 |
| NTDT 445 | Nutrition Education | $3^{3,4}$ |
| NTDT 460 | Community Nutrition |  |
| ELECTIVES |  |  |
| Electives ............................................ |  |  |
| May ínclude 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** Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content \# |  |  |
| MAJOR REQUIREMENTS |  |  |
| External to the College |  |  |
| Humanities (See page | electives 167.) | $9^{2-4}$ |

Within the Department
A minimum grade of $C$ must be achieved for credits to count toward the fulfill ment of 41 credits in NTDT and FOSC; a minimum grade of C. in 200-leve courses must be achieved to proceed to upper-level courses; only 300-leve Study (NTDT $\times 66$ ) 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 aver age of 25 is required for admission and relenion

## ELECTIVES

(See page 167)

[^3]

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 SCIEN
MAJOR: APPLIED NUTRITION
CURRICULUM
CREDITS*
UNIVERSITY REQUIREMENTS
ENGL 110 Critical Reading and Writing**
Three credits in an approved course or courses stressing ..... 31
$3^{1-4}$multicultural, ethnic, and/or gender-related content \#MAJOR REQUIREMENTSExternal to the College
Humanities electives ..... $9^{2-4}$
(See page 167)1
Sciences
CHEM 101 General Chemistry ..... $4^{1}$CHEM 103General Chemistry4
CHEM 102 General Chemistry. ..... $4^{1}$
CHEM 104 General Chemistry ..... 4
CHEM 213 Elementary Organic Chemistry ..... $4^{2}$
CHEM 214 Elementary Biochemistry ..... 32
BISC 103 General Biology $\ddagger$ ..... 31
BISC 113 General Biology Laboratory ..... $1^{1}$
BISC. 207 Introductory Biology I ..... $4^{1}$
and
BISC 208 Introductory Biology II. ..... $4^{1}$
BISC 106 Elementary Human Physiology $\ddagger$ ..... $\begin{array}{r}3 \\ \hline\end{array}$
BISC 116 Elementary Human Anatomy and Physiology Lab ..... $1^{2}$
BISC 406 Human Physiology ..... 3
BISC 416 Human Anatomy and Physiology Lab ..... 1
Social Sciences
ECON 151 Introduction to Microeconomics ..... 31
PSYC 201 General Psychology3
$3^{2}$
31
$3^{3}$
Sociology course
BUAD 309 Management and Organizational Behavior ..... $3^{3}$
Social Science elective ..... 3
(See page 1ó8.)
Food Science
FOSC 201 Food Principles ..... $2^{2}$
FOSC 211 Food Principles Laboratory ..... 12
22
OSC 305 Food Science
OSC 305 Food Science ..... 12
Other
MATH 114 Elementary Mathematics and Statistics ..... $3^{1}$
Equivalent competency
Within the College
FST course ..... $3^{1-4}$
Human Resources courses ..... $5^{1-4}$
(IFST, NTDT, TDCE, HRIM, HURE)

## 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 |  |  |
| NTDT 200 | Nutrition Concepts |  |
| NTDT 400 | Macronutrients. | 3 |
| NTDT 401 | Micronutrients | $3^{3}$ |
| NTDT 404 | Nutrition Seminar | 14 |
| NTDT 445 | Nutrition Education | $3{ }^{4}$ |
| NTDT cour | (300 level or higher) | $9{ }^{3,4}$ |
| NTDT cours |  | $3^{2}$ |
| ELECTIVES |  |  |
| 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 -leyel courses in Military Science/Air Force may be counted toward the degree.) |  |  |
| CREDITS TO TOTAL A MINIMUM OF............................ 126 |  |  |
| DEGREE MAJOR | ACHELOR OF SCIENCE IN H UTRITIONAL SCIENCES |  |

CURRICULUM ..... CREDITS*
UNIVERSITY REQUIREMENTS
ENGL 110 Critical Reading and Writing** ..... 31
$31-4$
multicultural, ethnic, and/or gender-related content.\#
MAJOR REQUIREMENTS
External to the College
Humanities electives ..... 93,4
(See pages 203-204
Sciences
CHEM 104 General Chemistry
CHEM 325 Organic Chemistry
$\begin{array}{ll}\text { C.HEM } 326 & \text { Organic Chemistry Lab } \\ \text { BISC } 207 & \text { Introductory Biology I }\end{array}$
BISC 406 Human Physiology
$\begin{array}{ll}\text { BISC } 416 & \text { Human Anatomy and Physio } \\ \text { BISC } 371 & \text { Introduction to Microbiology }\end{array}$
CHEM 214 Elementary Biochemistry
CHEM 216 Elementary Biochemistry Laboratory
CHEM 221 Quantative Analy ..... 32
12
4
Social Sciences
ECON 151 Introduction to Microeconomics ..... $3^{2-4}$
$2^{2-4}$
(See pages 203-204
Food Science
OSC 201 Food Principles ..... 22OSC 211 Food Principles LaboratoryOSC 305 Food Science
FOSC 306 Food Science Laboratory
Other
REC 408 Research Methods ..... $3^{3}$
MATH 221 Calculus I ..... $3^{1}$
MATH 241 Analytic Geometry and Calculus A ..... 4
MATH 222 Calculus II ..... $3^{1}$
or MATH 242 Analytic Geometry and Calculus B ..... 4
Within the College
IFST course
TDCE course ..... $3^{1-4}$

[^4]

Within the College
IFST course
IFST course
or
TDCE course
Within the Department
HRIM 180 Introduction to Hospitality .................................................4
NTDT 200 Nutrition Concepts
HRIM 280 Property Management
HRIM 320 Hotel, Restaurant and General Food Service Purchasing .......... $3^{1-4}$
NTDT 321 Quantity Food Production and Service ...................................... $3^{1-4}$
NTDT 325 Laboratory in Quantity Food Production and Service ............... $1_{1-4}^{1-4}$
HRIM 380 Management of Lodging Operations..................................4
HRIM 381 Management of Lodging Operations ...........................................................
HRIM 382 Managerial Accounting and Finance in the Hospitality Industry ... $3^{1-4}$
HRIM 480 Human Relations in the Hospitality Industry ......... .... ............ $3^{1-4}$
HRIM 481 Marketing in the Hospitality Industry
HRIM 482 Law of Innkeeping ............................................................... $3^{1.4}$
HRIM 487 Management Systems in the 'Hospitality Industry ................ $3^{1-4}$
HRIM 488 HRIM Practicum I ............................................................... $4_{1}^{1-4}$


## ELECTIVES

Electives
May include Military Science, Music, or Physical Education. (Only two credits of activity-lype Physical Education and four credits of Music organization credits and four credits of 100 - and 200-1 evel 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
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 internships (practicums) during the senior year. These combined work experiences assist in the preparation of students for the increasingly complex and challenging hospitality industry.

## 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. It offers four majors that collectively enhance the aesthetic, physical, psychosocial and economic well-being of individuals and families. The Apparel Design major studies the conceptualization and production of products for apparel-related industries that meet various needs of consumers. 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. Textile Science students study fibers, yarns, fabric structures, dyes and finishes as they relate to performance characteristics for consumer end-use requirements.

Internal transfer applications are evaluated on a rolling basis. However, there may be some enrollment limitations in certain majors. Students interested in transferring into the department are advised to contact the Department office regarding selection policies.

[^5]

| Business <br> Business Administration courses (BUAD) .............................................................. $6^{4}$ |  |
| :---: | :---: |
|  |  |
| Within the Department |  |
| TDCE 216 | Advanced Clothing Processes ........... ... ............................. 3 |
| Additional | Costume History course |
| TDCE 233 | Fashion Drawing and Rendering |
| TDCE 333 | Fashion Illustration and Coordination |
| TDCE 314 | Apparel Design |
| TDCE 324 | Apparel Design II |
| TDCE 424 | Apparel Design III |
| TDCE 433 | Mass Market Apparel ....................................... 4 |
| ELECTIVES |  |
| Electives .......................................... ........................... 4-18 ${ }^{2.4}$ |  |
| 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) |  |
| E | 129 |

## ADDITIONAL TEXTILES AND CLOTHING: MERCHANDISING CURRICULUM

## MAJOR REQUIREMENTS

External to the College
Business
ACCT 207 Accounting 1 ..... $3^{2}$
$\stackrel{\text { or }}{\text { TDCE } 217}$ ..... $3^{2}$
3
3ACCT 352
ACCT 260BUAD 301BUAD 309 Management and Organizational BehaviorAdvertising ManagementBUAD 474 Marketing, Channels and RetailingIntroduction to Macroeconomics$3^{1,2}$
Within the Department
TDCE 318 Fashion Merchandising Products ..... $4_{4}^{3}$
Additional TDCE courses ..... $6^{2-4}$
ELECTIVES
Elecfives ..... $10-24^{2-4}$May include Military Science, Music, or Physical Education (Only twocredits of activity-type Physical Education and four credits of Music orga-nization credits and four credits of 100 - and 200-level courses in Mili-tary 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** ..... 31
Three credits in an approved course or courses stressing ..... $3^{1.4}$multicultural, ethnic, and/or gender-related content.\#
MAJOR REQUIREMENTSExternal to the College
Humanities
ENGL 312 Written Communications in Business ..... $3^{2}$

| $\begin{aligned} & \text { COMM } 255 \\ & \text { or } \\ & \text { COMM } 312 \end{aligned}$ | Fundamentals of Communication Oral Communication in Business... | 3 $3^{2}$ |
| :---: | :---: | :---: |
| Humanities ele (See page Foreign Langu | ective $167 .$ <br> age courses | 1 $\times$ 0 |
| Sciences |  |  |
| CHEM 103 | General Chemistry | 41 |
| CHEM 104 | General Chemistry |  |
| CHEM 220 | Quantitative Analysis ! | $3^{2}$ |
| CHEM 221 | Quantitative Analysis Laboratory | 2 |
| CHEM 321 | Organic Chemistry | 32 |
| CHEM 325 | Organic Chemistry Laboratory | 12 |
| CHEM 322 | Organic Chemistry ......... |  |
| CHEM 326 | Organic Chemistry Laboratory | 12 |
| CHEM 418 | introductory Physical Chemistry | 32 |
| CHEM 445 | Physical Chemistry Laboratory | $1^{3,4}$ |
| MATH 241 | Analytic Geometry and Calculus A | 4 |
| MATH 242 | Analytic Geometry and Calculus B |  |
| PHYS 207 | General Physics. | -1." |
| Social Sciences |  |  |
| ECON 151 | Introduction to Microeconomics | 31 |
| ECON 152 | Introduction to Macroeconomics | 3 |
| PSYC 201 | General Psychology | 33 |
| SOCI 201 | Introduction to Sociology |  |
| Social Science (See page | elective 168. | $3^{3}$ |
| Ofher |  |  |
| BUAD 301 | Introduction to Marketing |  |
| ACCT 260 | Introduction to Business Information Systems I |  |
| Within the College |  |  |
| Human Resources courses ...........................................................12 1,3 |  |  |
| Six credits in two departments other than TDCE |  |  |
| Within the Department |  |  |
| TDCE 115 | Introduction to Textiles |  |
| TDCE 315 | Textile Analysis | 33 |
| TDCE 415 | Topics in Textiles | $6^{4}$ |
| TDCE 425 | Textile Performance | 34 |
| TDCE 455 | Textiles, Clothing and the Economy | 34 |
| TDCE 465 | Seminar............. . | 13 |
| TDCE 466 | Independent Study |  |
| TDCE courses |  |  |
| 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) |  |  |
| CREDITS TO TOTAL A MINIMUM OF .............................. 129 |  |  |
| DEGREE: BACHELOR OF SCIENCE IN HUMAN RESOURCES MAJOR: CONSUMER ECONOMICS |  |  |
| CURRICULUM CREDITS* |  |  |
| UNIVERSITTY REQUIREMENTS |  |  |
| ENGL 110 Critical Reading and Writing** <br> Three credits in an approved course or courses stressing ... ... ..................31-4 multicultural, ethnic, and/or gender-related content.\# |  |  |
| MAJOR REQUIREMENTS |  |  |
| External to the College |  |  |
| Humanifies |  |  |
| English Writing course .................................................. $3^{2-4}$ |  |  |
| COMM 255 | Fundamentals of Communication | ... $3^{2-4}$ |
| $\begin{aligned} & \text { PHIL } 200 \\ & \text { or } \end{aligned}$ |  |  |
| Course in Ethics |  | $3^{2-4}$ |

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 adviser 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 relations/parenthood education
Foods/nutrition
Textiles/clothing
Computer literacy
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



[^6]
[^0]:    ${ }^{*}$ Superior figures indicate year or years in which the course is normally taken, i.e., ${ }^{1}$ freshman year, ${ }^{2}$ sophomore year, etc.
    **Minimum grade of C - required.
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfilled by a course taken pass/fail. See page 23
    tOne developmental elective may be used as a restricted elective if appropriate for "area of emphasis." Resulting extra credits (3) may be used for free elective

[^1]:    *Superior figures indicate year or years in which the course is normally taken, i.e, $1_{\text {freshman year, }}{ }^{2}{ }_{\text {sophomore year, etc }}$
    **Minimum grade of C - required
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfilled by a course taken pass/fail. See page 23

[^2]:    *Superior figures indicate year or years in which the course is normally taken, i.e., $1_{\text {freshman year, }}{ }^{\text {s }}$ sophomore year, etc.
    **Minimum grade of $C$ - required.
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfilled by a course taken pass/fail See page 23
    $\ddagger$ Sfudents desiring to fulfill a Biology minor should take BISC 207 and 208 and BISC 406 and 416

[^3]:    *Superior figures indicate year or years in which the course is normally taken, ie ${ }^{1}{ }^{1}$ freshman year, ${ }^{2}$ sophomore year, etc
    **Minimum grade of C - required.
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfilled by a course taken pass/fail. See page 23
    $\ddagger$ Students desiring to fulfill a Biology minor should take BISC 207 and 208 and BISC 406 and 416

[^4]:    *Superior figures indicale year or years in which the course is normally taken, ie., ${ }^{1}$ freshman year, ${ }^{2}$ sophomore year, etc.
    **Minimum grade of $C$ required.
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfiled by a course taken pass/fail. See page 23 .
    $\ddagger$ Students desiring to fulfill a Biology minor should take BISC 207 and 208 and BISC 406 and 416

[^5]:    *Superior figures indicate year or years in which the course is normally taken, i e., $1_{\text {freshman year, }}{ }^{\text {sophomore year, etc }}$
    ** Minimum grade of C - required.
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfilled by a course taken pass/fail See page 23

[^6]:    *Superior figures indicate year or years in which the course is normally taken, i e., ${ }^{1}$ freshman year, ${ }^{2}$ sophomore year, etc
    ** Minimum grade of C- required.
    \#This requirement may be fulfilled through a course or courses taken to complete other degree requirements; it cannot be fulfilled by a course taken pass/tail. See page 23
    $\dagger$ 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

