



COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY

UNDERGRADUATE PROGRAMS

- **Advisement and Academic Enrichment Opportunities**
- **Dean's Scholar Program**
- **Teacher Education Programs**
- **Discovery- and Service-Based Learning Opportunities and Clinical Experiences**
- **Minor in Disabilities Studies**

- **Education**
- **Fashion and Apparel Studies**
- **Hotel, Restaurant and Institutional Management**
- **Human Services, Education and Public Policy**
- **Individual and Family Studies**
- **Leadership**

The undergraduate programs of the College of Human Services, Education and Public Policy (CHEP) prepare students to enhance human development across the life span, to strengthen educational policies and practices, to improve the quality and delivery of consumer goods and services, and to encourage effective policies and management in public, private and nonprofit organizations.

CHEP offers undergraduate degree programs through the Schools of Education, and of Urban Affairs and Public Policy and through the Departments of Fashion and Apparel Studies; Hotel, Restaurant, and Institutional Management; and Individual and Family Studies. In addition, an interdisciplinary major in Human Services, Education and Public Policy is available, as well as three minors: Disabilities Studies, Educational Studies, and Leadership.

encouraged to contact their assigned faculty or professional advisor. For additional assistance and information, CHEP students are welcome to contact the CHEP Office of Student Support Services, 105 Pearson Hall, (302) 831-2301, visit www.udel.edu/chep/oss or email chep-oss@udel.edu.

ADVISEMENT AND ACADEMIC ENRICHMENT OPPORTUNITIES

CHEP is committed to students' success and provides the resources and support services that will enable students to fully participate in the opportunities available throughout their undergraduate years. Undergraduates have an unequalled opportunity to gain valuable practical experience that complements their academic studies by participating in internships and practicum experience in schools as well as projects through CHEP's public service and research centers. CHEP also promotes opportunities for students to enhance their undergraduate experience through the Dean's Scholars Program; the CHEP Summer Scholars Program; service, leadership and mentoring experiences; undergraduate research; and study abroad opportunities. Most academic areas offer an Honors degree including research opportunities leading to a senior thesis for the Honors Degree with Distinction or the Degree with Distinction.

The CHEP Office of Student Support Services coordinates orientation activities for new students, supports academic advisement, administers academic policy, and maintains students' records. Students with academic questions or concerns, those interested in becoming involved in special opportunities available to CHEP students, and those experiencing academic difficulties are all

DEAN'S SCHOLAR PROGRAM

The Dean's Scholar Program exists to serve the needs of students whose clearly defined educational goals cannot be effectively achieved by pursuing the standard curricula for all existing majors, minors, and interdepartmental majors sponsored by the University. Driven by an overarching passion or curiosity that transcends typical disciplinary bounds and curricula, a Dean's Scholar's intellectual interests may lead to broad interdisciplinary explorations of an issue or to more intense, in-depth studies in a single field at a level akin to graduate work. In consultation with faculty advisors and the Associate or Assistant Dean of their college, Dean's Scholars design an imaginative and rigorous individual plan of study to meet the total credit hours required for graduation. Contact the Assistant/Associate Dean in the college or go to www.udel.edu/deansscholar for more information and the application.

TEACHER EDUCATION PROGRAMS

Responsibility for the coordination of the teacher education programs rests with the University Council on Teacher Education (UCTE). Teacher education programs in specific areas are administered by the Colleges of Agriculture and Natural Resources; Arts and Sciences; Health Sciences; Human Services, Education and Public Policy; and Marine and Earth Studies. For more information on teacher education programs, students who wish to prepare themselves to be certified teachers should consult the teacher education web site at www.udel.edu/teachered or the faculty advisor for the specific area of certification sought, as follows:

(all telephone numbers are area code 302)

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

Agricultural Education

General Information

Dr. Patricia Barber
831-4232
pbarber@udel.edu

Student Teaching

Dr. Arba Henry
831-1320
alhenry@udel.edu

COLLEGE OF ARTS AND SCIENCES

English Education

General Information

Dr. Deborah Alvarez
831-2297
dmalva@udel.edu

Student Teaching

Dr. Deborah Bieler
831-1973
deb@udel.edu

Foreign Languages (French Education, German Education, Italian Education, Latin Education, Spanish Education)

General Information

Dr. Cynthia Lees
831-2595
clees@udel.edu

Student Teaching

Dr. Bonnie Robb
831-6141
brobb@udel.edu

Mathematics Education

Dr. Jinfa Cai

831-1879

jcrai@math.udel.edu

Music (Music Education/Instrumental, Music Education/General Choral, Piano and Voice)

<http://music.udel.edu/musiced>

Dr. Suzanne Burton

831-0390

slburton@udel.edu

Social Studies (Anthropology Education, Economics Education, Geography Education, History Education, Political Science Education, Psychology Education, Sociology Education)

www.udel.edu/socialstudied

Dr. Barry Joyce

831-2860

bjoyce@udel.edu

Sciences (Biology Education, Chemistry Education, Physics Education)

Chemistry and Physics

Dr. Kathryn Scantlebury
831-4546
kscantle@udel.edu

Biology

Ms. Barbara Butler
831-8467
bmbutler@udel.edu

COLLEGE OF HEALTH SCIENCES

Health and Physical Education

Dr. Stephen Goodwin

831-4451

goody@udel.edu

COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY

Elementary Teacher Education

(Special Education, Elementary Education, Middle School Math, Middle School Science, Middle School Social Studies, and Middle School English)

Ms. Vickie Lucas

831-2317

vickie@udel.edu

Early Childhood Education

(Early Childhood Education and Early Childhood Special Education)

Dr. Lynn Worden

831-6500

worden@udel.edu

COLLEGE OF MARINE AND EARTH STUDIES

Earth Science

Dr. John Madsen

831-8608

jmadsen@udel.edu

In all its teacher education programs, the University of Delaware is guided by a unified conceptual framework. Programs aim to develop teachers who are reflective practitioners serving diverse communities of learners as scholars, problem solvers, and partners. While the specific course requirements in the programs vary widely, they all support the conceptual framework and outcomes. All University of Delaware teacher education programs have a general education component of liberal studies, a major field or discipline component in the teaching field, and a professional education component of formal study in the educational foundation disciplines and clinical studies of curriculum design and instructional strategies. In addition, all teacher education students benefit from early and graduated "hands on" experiential and instructional opportunities in schools. Information on the University of Delaware's Title II Higher Education Act can be obtained at: www.udel.edu/teached or by calling 302-831-3000.

FIELD EXPERIENCES (INCLUDING STUDENT TEACHING) are required of all students who wish to obtain an undergraduate degree in teacher education. To participate in the field experiences, including student teaching, students must satisfy their program's course prerequisites, meet minimum GPA requirements, pass required competency tests, and satisfy other criteria as designated by their program, e.g., testing for tuberculosis, criminal background check, child abuse clearance, physical exam, etc. Consult the appropriate teacher education program advisor (see the list of advisors for teacher education programs) for the exact GPA requirements and other policies concerning qualifications for field experiences. Applications for student teaching must be submitted and approved prior to the student teaching semester. Deadlines, prerequisites, corequisites, and procedures for submitting applications for student teaching are published each year.

CERTIFICATION. The professional education unit of the University of Delaware is accredited by the National Council for the Accreditation of Teacher Education (NCATE). The individual teacher education programs have received State Approved Program status and have been recognized by national specialty organizations as having met their standards. Students who complete a University of Delaware Approved Teacher Education Program and who demonstrate competency in the appropriate academic content knowledge by taking the Praxis II test required by the State of Delaware for certification receive an institutional recommendation for teacher certification. Upon receiving the University's recommendation, students must apply for certification through the individual state's Department of Education. Most states require that students pass a standardized test to qualify for teacher certification. The Delaware Center for Teacher Education has information available to students on the testing requirements and the certification procedures.

DELAWARE CENTER FOR TEACHER EDUCATION

The Delaware Center for Teacher Education (DCTE) strengthens both pre-service and in-service teacher education, improves access for the education community to the University's teacher education and professional development programs, and supports the state's efforts to enhance teacher and professional development in line with new state content standards and accountability requirements. For further information about DCTE generally, call (302) 831-3000 or visit the web site at www.udel.edu/dcte/.

Of the programs and services within DCTE, the following are of particular interest to undergraduates.

The *America Reads* program recruits undergraduates to tutor young children in basic reading skills. For information, call 831-0722 or e-mail cmevans@udel.edu.

The *Americorps VISTA* program works with schools and community groups across the state developing mentoring programs. It places college graduate VISTA members in schools and with community groups to recruit and organize mentors for students in need. Following a year of service, members admitted to select College of Human Services, Education and Public Policy programs are guaranteed graduate assistantships. For more information call 831-0520 or e-mail mknights@udel.edu.

The *ASPIRE* program encourages students from underrepresented groups to pursue a career in teaching. In addition to recruiting qualified applicants, ASPIRE provides students in all the University's teacher education programs with academic support, if needed, and professional development activities. For more information, call 831-1641 or email clscott@udel.edu.

The *Delaware Mentoring Council* provides support and technical assistance to mentoring programs throughout the state. For additional information, call 831-0520 or e-mail mknights@udel.edu.

The *Teacher Quality Enhancement Grant* provides support to undergraduate students interested in becoming special education teachers to build their content knowledge so that they meet the federal government's "highly qualified" status requirements.

The *Education Resource Center (ERC)* is a multimedia, special purpose curriculum materials center that provides both circulating and reserve collections for use by teachers, students, and administrators. The ERC operates a Book Examination Site, receiving review copies of newly released books for youth from over 100 publishers. It also houses a site of the Delaware Teacher Center for constructing learning materials for use in classrooms with K-12 students. In addition, the Resource Center coordinates the school library media specialist program. For further information, call (302) 831-2335 or visit the website at: <http://www.udel.edu/erc>.

The *Office of Clinical Studies* assists faculty in implementing a program of field-based professional practice that includes several sequential phases of increasing involvement and responsibility and in placing students in appropriate clinical settings. For further information, call (302) 831-2319 or e-mail hartmanj@udel.edu.

DISCOVERY- AND SERVICE-BASED LEARNING OPPORTUNITIES AND CLINICAL EXPERIENCES

As a professional, service-oriented college, CHEP stresses opportunities for learning through experiences that require students to apply their academic training and encourage them to develop their newly acquired skills and knowledge. CHEP has a unique combination of facilities that provide a wide range of practical experience settings, and CHEP offers special programs that encourage personal and professional development. Undergraduate students can also learn from valuable practical experience that complements their academic studies by working with faculty, staff and graduate students in CHEP's public service and research centers.

CHEP receives funding from the Delaware General Assembly to support undergraduates who are working on projects that benefit the people of Delaware.

The following units offer special opportunities for undergraduate student participation:

The College School located in Alison Hall (ALS), provides a school-year program for children, grades 1-8, with learning differences. The school provides individualized and innovative instruction for children who have had unsuccessful school experiences, with the goal of returning these students to more traditional classroom settings within an average of two to three years. The College School also serves as a research and clinical site for students and faculty in Education, School Psychology, Clinical Psychology, Nursing, Physical Education, Music, and many other disciplines. For further information: www.udel.edu/collegeschool or call (302) 831-1097.

The *Courtyard Newark at the University of Delaware* is operated by the Shaner Hotel Group and provides on-campus lodging for alumni, parents, guests and conference attendees. It also provides enhanced educational experiences in the Marriott Center for Hospitality and Tourism for students in the Department of Hotel, Restaurant and Institutional Management by offering opportunities to gain hundreds of hours of practical experience in a teaching and research laboratory located in a hotel setting. Students gain valuable experience in sales, marketing, revenue management, hotel engineering, and housekeeping. For further information, call (302) 831-6077 or email dllaws@udel.edu.

The *Design Laboratories* provide applied learning opportunities for apparel design and fashion merchandising students. The Computer-aided Design Laboratory builds skills in graphic and pattern design, pattern grading and marker-making systems used in the apparel industry. Students can use the Historic Costume and Textile Collection, with 2,500 historic textiles and apparel pieces, for design inspiration. For further information, call (302) 831-8713 or visit <http://www.udel.edu/fash>.

The *Legislative Fellows Program* is a unique opportunity for especially qualified undergraduates and graduate students to work directly with members of the Delaware General Assembly. Fellows provide timely, nonpartisan research assistance on complex public policy issues while gaining a thorough knowledge of the legislative process that will be useful in a wide variety of careers. In addition, Fellows become acquainted with state and local elected officials, agency directors, business heads, and community leaders. Selected through a competitive process, Fellows work in Dover for twenty hours per week from January to June and earn a stipend comparable to a research assistantship. For more information contact Lisa Moreland at (302) 831-4955 or e-mail lisamk@udel.edu.

Professional Development Schools provide professional training in teacher education much in the way teaching hospitals serve medical education. The University of Delaware is working with several elementary and middle schools in the Christina and Milford School Districts. Some undergraduate students in elementary education complete their clinical requirements at these sites.

The *University of Delaware Laboratory Preschool* is a state licensed and NAEYC accredited model preschool program, provides appropriate developmental programs for children with and without disabilities; teaches University students to work with young children through classroom practicum experiences; provides opportunities for students, faculty and professionals to observe exemplary preschool programs and teacher role models; enables students to observe children ages two through six so the students can better understand developmental progression; and provides a research site for students and faculty. For further information, contact Peg Bradley, director, at (302)831-8556 or e-mail: pbradley@udel.edu.

The *Vita Nova/Foodservice Laboratory* is part of the Hotel,

Restaurant and Institutional Management (HRIM) Department and is located on the second floor of the Trabant University Center. The laboratory consists of Vita Nova, a student-operated, 65-seat dining room open to the public; a display kitchen; the Copeland Vinotek wine cellar; the Darden Bistro; and a teaching and demonstration kitchen with state-of-the-art video and satellite capabilities. Students in the HRIM program use the facility to understand the challenges and dynamics of operating a business. On a daily basis, students rotate through management and skill-level assignments to learn the details required to exceed guest expectations. For further information, call (302)831-6077 or e-mail dlaws@udel.edu.

CHEP UNDERGRADUATE INTERNSHIPS AND RESEARCH ASSISTANTSHIPS

CHEP offers students many opportunities for public and community service research assistantships and internships through its research and public service units. Undergraduates are able to work closely with faculty, staff and graduate students on key issues involving children, families, schools, communities, the environment, consumers and service institutions, and public policies. The following CHEP research and public service centers, profiled in detail in the chapter “Research Centers, Institutes, and Special Facilities,” offer public and community research assistantships and internship opportunities:

- Center for Applied Demography and Survey Research
- Center for Community Research and Service
- Center for Disabilities Studies
- Center for Energy and Environmental Policy
- Center for Historic Architecture and Design
- Delaware Center for Teacher Education
- Delaware Education Research and Development Center
- Early Learning Center
- English Language Institute
- Institute for Public Administration
- Mathematics & Science Education Resource Center

MINOR IN DISABILITIES STUDIES

The College of Human Services, Education and Public Policy offers a minor in Disabilities Studies, with courses taught by an interdisciplinary team of faculty associated with the Center for Disabilities Studies. The minor in Disabilities Studies requires 18 credit hours, distributed as follows: all core courses listed below (9 credits) and three additional courses (9 credits) selected in consultation with and approved by the student’s minor advisor. These courses shall be chosen from each of the following topic areas: Human Development, Social Systems, and Service Delivery Methods. At least one of these courses must be from outside the requirements of the student’s major and outside his or her major department. Additional course restrictions apply to students in the CHEP or ETE major. All courses included in the minor must be completed with a grade of C- or better.

IFST/PSYC/SOCI 270 Families and Developmental Disabilities	3
EDUC 230 Introduction to Exceptional Children.	3
HEPP 465 Senior Seminar in Disabilities Studies.	3
Topic Area Courses	9

Information regarding courses recommended in the topic areas and the procedures for completing the minor can be obtained from the Center for Disabilities Studies, http://www.udel.edu/cds/disabilities_minor.html

EDUCATION

<http://www.udel.edu/educ>
 Faculty Listing: <http://www.udel.edu/educ/people.html>

The School of Education offers undergraduate degree programs in Elementary Teacher Education and Educational Studies. Both majors include an Honors Degree option. The School’s exemplary teacher education and specialist programs produce skilled professional educators who are able to work with today’s diverse

learners. Through their coursework and field experiences, undergraduate teacher education candidates become skilled in developmentally and educationally effective approaches to instruction. With reflective practice as a guiding principle, the School prepares candidates to become scholars who are grounded in the knowledge of their discipline and pedagogy; problem solvers who are able to design effective instruction and address challenges; and partners who can support the development of the children with whom they work.

PROGRAM IN ELEMENTARY TEACHER EDUCATION (INCLUDING MIDDLE SCHOOL AND SPECIAL EDUCATION)

Telephone: (302) 831-2317

The Elementary Teacher Education Program is designed to help students meet the following goals:

1. become outstanding general elementary teachers, middle school teachers and teachers of exceptional children
2. develop a strong background in the academic subjects taught in the elementary level
3. develop the employment flexibility and security to become an elementary teacher, a middle-school teacher in English, mathematics, science or social studies and/or a teacher of exceptional children.
4. provide all children, including those with special learning needs, with the best possible education

The program curriculum is designed to provide students with a range of practicum experiences in a variety of settings. These practicum experiences begin with observation and tutoring of children in the freshman year and culminate with student teaching in the senior year. These direct experiences in actual classroom settings give the teacher candidate important opportunities to apply the knowledge gained in college courses to his or her work with children and to gain critical on-the-job training.

The program is divided into three general areas.

The *General Studies* area includes courses in the following subject areas: natural sciences, mathematics, social sciences, English/linguistics, and fine arts. A grade of C- or better is required in all of the courses in this area.

The *K-6 licensure* requirements are designed to develop the candidate’s teaching skills. The courses place strong emphasis on the development of teachers who can plan and implement appropriate educational experiences for children of varying levels of ability. A grade of C- or better is required in all of the courses in this area.

The *2nd licensure* area provides the teacher candidate with an opportunity to select a second certification area: middle-school English, middle-school mathematics, middle-school science, middle-school social studies or special education. A list of the specific courses that comprise each of these areas is available in the School of Education’s Office of Undergraduate Services. A grade of C- or better is required in all of the courses in this area.

APPLICATION FOR CLEARANCE FOR UPPER DIVISION STUDY IN TEACHER EDUCATION

Students enrolled in the Elementary Teacher Education major wishing to begin upper-level work must make formal application and satisfy the requirements for Clearance for Upper Division Study.

Students wishing to pursue teaching as a professional goal should secure a copy of clearance requirements from the School of Education Office, (Room 120, Willard Hall). Students will be notified of deadline dates for making application for clearance.

The purpose of clearance is to assure that each student is satisfying requirements in the major and is prepared to undertake

junior-level work including in-school clinical experiences. Students not meeting criteria are provided support services including study skills assistance, vocational counseling, and academic planning.

**DEGREE: BACHELOR OF SCIENCE IN EDUCATION
MAJOR: ELEMENTARY TEACHER EDUCATION**

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing	3
	First Year Experience (see page 68)	0-4
	Discovery Learning Experience (see page 68)	3
	Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 68-70)	3

MAJOR REQUIREMENTS

Note: All students must complete General Studies courses, K-6 Licensure courses, and choose a 2nd Licensure either in a Middle-School content area or Special Education

GENERAL STUDIES (45 credits)

GEOL 113	Earth Science	4
SCEN 102	Physical Science	4
BISC 104	General Biology	
or		
BISC 207	Introductory Biology I	4
MATH 251	Mathematics for K-8 Teachers: Number & Operations	3
MATH 252	Mathematics for K-8 Teachers: Rational Numbers & Probability	3
MATH 253	Mathematics for K-8 Teachers: Geom., Algebra & Measurement	3
	One of the following History courses:	3
HIST 103	World History I	
HIST 104	World History II	
HIST 205	United States History	
HIST 206	United States History	
	One of the following Geography courses:	3
GEOG 102	Human Geography	
GEOG 120	World Regional Geography	
GEOG 203	Introduction to Cultural Geography	
GEOG 210	Economic Geography	
POSC 150	American Political System	
or		
HEPP 102	Civics and Economics for Teachers	3
ECON 100	Economic Issues and Policies	
or		
ECON 151	Introduction to Microeconomics	
or		
HEPP 102	Civics and Economics for Teachers (if not taken above)	3
LING 101	Introduction to Linguistics	3
	One of the following literature courses:	3

Students in the Middle School English concentration:
ENGL 101 Tools of Textual Analysis

Students not in the Middle School English concentration:
ENGL 202 Biblical and Classical Literature
ENGL 280 Approaches to Literature for Non-Majors
ENGL 281 British Literature to 1700 for Non-Majors
ENGL 282 British Literature 1700-Present for Non-Majors
ENGL 283 American Literature for Non-Majors
ENGL 284 Shakespeare for Non-Majors
ENGL 285 Introduction to Poetry for Non-Majors
ENGL 286 Introduction to Drama for Non-Majors
ENGL 287 Introduction to Short Story for Non-Majors
ENGL 288 Introduction to Novel for Non-Majors
ENGL 289 Studies in Film for Non-Majors

ENGL 290	Studies in Literature for Non-Majors	
	Art, Art History, Music, Music Education or Theater	3

K-6 LICENSURE (47 credits)

EDUC 100	Introduction to Elementary and Middle School Education (Satisfies First Year Experience)	1
EDUC 205	Human Development: Grades K-8	3
EDUC 210	Beginning Literacy Instruction	3
EDUC 230	Introduction to Exceptional Children	3
EDUC 240	Professional Issues: Philosophical and Legal Perspectives	
or		
EDUC 247	Professional Issues: Historical Perspectives	3
EDUC 258	Cultural Diversity, Schooling and the Teacher	
or		
EDUC 259	Cultural Diversity in Community Contexts	3
EDUC 286	Educational Technology: Professional Tools	1
EDUC 310	Reading and Writing in Elementary School	3
EDUC 335	Elementary Curriculum: Mathematics	3
EDUC 341	Elementary Curriculum: Science	3
EDUC 346	Elementary Curriculum: Social Studies	3
EDUC 387	Integrating Technology in Education	2
EDUC 390	Building Communities of Learners	3
EDUC 400	Student Teaching (K-6)	5
EDUC 433	Non-school Factors Affecting Learning in the Classroom	2
EDUC 436	Literacy Problems: Assessment and Instruction	
or		
EDUC 437	Diagnosis and Instruction: Literacy (Special Education Licensure only)	3
EDUC 451	Educational Assessment for Classroom Teachers	3

2nd LICENSURE

For students seeking licensure in **Middle-School English**, in addition to the 9 General Studies English and Linguistics credits (including ENGL 110) taken for K-6 licensure, students will take the following 21 credits of English for a total of 30 credits in English as well as a middle-school reading/writing course and student teaching.

ENGL 294	English Language: Grammar and Usage	3
EDUC 403/ENGL 403	Literature for Adolescents: Multimedia Texts	3
ENGL 204	American Literature	3
ENGL 205	British Literature I	3
ENGL 206	British Literature II	3
	Writing course	
ENGL	Diversity elective	3
EDUC 320	Reading and Writing in the Middle Grades	3
EDUC 400	Student Teaching: Middle-School English	5

TOTAL CREDITS FOR K-6 LICENSURE WITH MIDDLE SCHOOL ENGLISH 121

For licensure in **Middle-School Mathematics**, in addition to the 9 General Studies mathematics credits taken for K-6 licensure, students will take the following 21 credits of mathematics for a total of 30 credits in mathematics as well as a middle school mathematics teaching course and student teaching.

MATH 221	Calculus I	
or		
Math 241	Analytic Geometry and Calculus A	3-4
MATH 222	Calculus II	
or		
Math 242	Analytic Geometry and Calculus B	3-4
MATH 210	Discrete Mathematics	3
MATH 230	Finite Math with Applications	3
STAT 200	Basic Statistical Practice	3
or		
MATH 201	Introduction to Statistical Methods I	
MATH 240	Geometry and Measurement for Middle School Teachers	3
MATH 217	Algebra for Middle School Teachers	3
EDUC 336	Middle School Mathematics Curriculum and Methods	3
EDUC 400	Student Teaching: Middle School Mathematics	5

TOTAL CREDITS FOR K-6 LICENSURE WITH MIDDLE SCHOOL MATHEMATICS 121-123

For licensure in **Middle-School Science**, in addition to the 12 General Studies science credits taken for K-6 licensure, students will take 18 credits of science courses for a total of 30 credits in science, as well as a middle-school science teaching course and student teaching. Of the 18 credits, students must take the following: 6 credits in biology, 6 credits in physical science, 3 credits in earth science and 3 credits in environmental science. A list of approved courses can be obtained from an advisor in WHL 120.

Biology courses	6
Physical science courses	6
Environmental science course	3
Earth science course	3
EDUC 443 Teaching Science in the Middle School	3
EDUC 400 Student teaching: Middle School Science	5
Free elective from any department	3

TOTAL CREDITS FOR K-6 LICENSURE WITH MIDDLE SCHOOL SCIENCE 121

For licensure in **Middle-School Social Studies**, in addition to the 12 General Studies social studies credits taken for K-6 licensure, students will take 18 additional credits of social studies courses for a total of 30 credits in the social studies area. A list of approved courses can be obtained from an advisor in WHL 120.

US History 205 or 206 or World History 103 or 104 (whichever was not taken for general studies)	3
POSC 240 Introduction to International Relations or POSC 270 Comparative Politics	3
Economics elective*	3
Geography elective*	3
History, Geography, Political Science or Economics*	6
(*Six of the above 12 credits must be at the 300 level or higher.)	
EDUC 348 Investigating Social Studies in Middle School Communities	3
EDUC 400 Student Teaching: Middle School Social Studies	5
Free elective from any department	3

TOTAL CREDITS FOR K-6 LICENSURE WITH MIDDLE SCHOOL SOCIAL STUDIES 121

For students seeking licensure in **Special Education**, the following courses are added to the K-6 requirements:

EDUC 410 Assistive Technology	1
EDUC 431 Applied Behavior Analysis	3
EDUC 432 Curriculum for School-aged Exceptional Children	3
EDUC 435 Educational Evaluation for Exceptional Children	3
EDUC 400 Student Teaching: Special Education	5

In addition, students will be required to complete the Disabilities Studies Minor (15 credits) or a content area in science, mathematics, social studies, or English (15-21 credits). See list of courses in 120 Willard Hall.

TOTAL CREDITS FOR K-6 LICENSURE WITH SPECIAL EDUCATION 122-128

Praxis Test Requirements

Praxis I: Passing scores on the Praxis I test, all three subtests (reading, writing, and mathematics), are required prior to enrollment in upper division professional education coursework.

Praxis II: Proof of having taken an appropriate academic CONTENT area test (e.g., Praxis II in English, Praxis II in Elementary Content Knowledge or Fundamental Subject Area Test). A copy of the official score report must be submitted to the Delaware Center for Teacher Education, during enrollment in EDUC 400 Student Teaching or no later than November 1 for January graduates and May 1 for June or summer graduates. An institutional recommendation for certification will not be issued until the candidate has presented the official score report.

HONORS BACHELOR OF SCIENCE: ELEMENTARY TEACHER EDUCATION

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Elementary Teacher Education.
2. All the University's generic requirements for the Honors Baccalaureate Degree (see page 52).

SOUTHERN DELAWARE ELEMENTARY TEACHER AND SPECIAL EDUCATION

**DEGREE: BACHELOR OF SCIENCE IN EDUCATION
MAJOR: ELEMENTARY TEACHER EDUCATION/
SPECIAL EDUCATION**

University and major requirements are the same as for the Elementary Teacher Education program. However, this program differs in that students are required to seek dual certification in Special Education and discipline area requirements are selected for an integrated discipline area rather than a single discipline area. This program also includes more K-6 school-based requirements that are designed in cooperation with the Milford School District. All requirements for this program may be met at the University of Delaware campus in Georgetown and the Milford Professional Development School located on the grounds of the Milford School District. For additional information, please contact Laurie Palmer at (302) 424-6461.

PROGRAM IN EDUCATIONAL STUDIES

Telephone: (302) 831-2317

The Bachelor of Arts in Educational Studies program is designed for students who are interested in the subject of education as part of a liberal arts curriculum pursuant to education-related careers that do not directly involve classroom teaching. The degree does not prepare teacher candidates for certification. The program requires students to minor in an Arts and Sciences field related to education. Students are admitted no earlier than their sophomore year and must possess at least a 3.0 cumulative GPA.

The program features intensive attention and guidance by faculty members, including personal advisement and a year-long research project culminating in a senior thesis. During the thesis process, students will intern with an educational researcher (on or off-campus) and will conduct the thesis under the direction of two faculty members. There is significant flexibility regarding the content of the thesis as a function of a student's background and interests. Students may select the program as a single major or as a double major with a field outside of education. An Honors Degree option is also available.

Students may change to the major in Educational Studies from any program in the University. An application form must be completed and submitted to the Coordinator of the Program.

DEGREE: BACHELOR OF ARTS IN EDUCATIONAL STUDIES

MAJOR: EDUCATIONAL STUDIES

CURRICULUM	CREDITS
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UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing (minimum grade C-)	3
ENGL 110 will be taken by all students as freshmen, except by students who have otherwise demonstrated the skills taught in that course. A score of 710 or higher on the SAT-II Subject Writing Test will be a satisfactory demonstration of basic writing skills. Also, on a one year trial basis during the 2006-2007 academic year, a score of 710 or higher on the Writing section of the SAT Reasoning Test will qualify students for exemption from ENGL 110. ENGL 110 must be completed by the time a student has earned 60 credits. Students who transfer into the College of Arts and Sciences with 45 credits or more must complete this requirement within two semesters.	

First Year Experience (see page 68) 0-4

Discovery Learning Experience (see page 68) 3

Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 68-70). 3

**BACHELOR OF ARTS
COLLEGE SKILL REQUIREMENTS**

Writing: (minimum grade C) 3
A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 60 credit hours. Appropriate writing courses are designated in the semester's Registration Booklet. (See list of courses approved for second writing requirement, pages 93-95.)

Mathematics: (one of the following) 0-4
MATH 113 Contemporary Mathematics
(designed for students who do not intend to continue the study of mathematics)

MATH 114
or
MATH 170 College Mathematics and Statistics
(designed for students who do not intend to continue the study of mathematics)

MATH 115
or
MATH 171 Pre-Calculus
(designed for students who intend to continue the study of mathematics)

Successful completion of any mathematics course at or above the 200-level except MATH 251, MATH 252, Math 253, or MATH 266.

Successful performance on a proficiency test in mathematics administered by the Department of Mathematical Sciences through the College of Arts and Sciences Advisement Center. (0 credits awarded)

The math requirement must be completed by the time a student has earned 60 credits. Students who transfer into the College of Arts and Sciences with 45 credits or more must complete this requirement within two semesters.

Foreign Language: 0-12
Completion of the intermediate-level course (107 or 112 or 214) in an ancient or modern language. The number of credits needed and initial placement will depend on number of years of high school study of foreign language. Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that language by taking an exemption examination.

BREADTH REQUIREMENTS (see pages 95-100)

Group A 9
Understanding and appreciation of the creative arts and humanities. Nine credits representing at least two areas.

Group B 9
The study of culture and institutions over time. Nine credits representing at least two areas.

Group C 9
Empirically based study of human beings and their environment. Nine credits representing at least two areas.

Group D 10
The study of natural phenomena through experiment and analysis. A minimum of ten credits representing at least two areas including a minimum of one course with an associated laboratory.

MAJOR REQUIREMENTS

EDUC 230 Introduction to Exceptional Children 3
or
EDUC 258 Cultural Diversity, Schooling, and the Teacher 3
EDUC 240 Professional Issues: Philosophical and Legal Perspectives 3
EDUC 247 Professional Issues: Historical Perspectives 3
EDUC 414 Educational Psychology: Cognitive Aspects 3
or
IFST 201 Life Span Development. 3
EDUC 360 Learning in Community Context. 3
EDUC 469 Research Internship Experience 3
EDUC 475 Senior Thesis 3
EDUC 607 Educational Research Procedures 3
EDUC 665 Elementary Statistics 3
Upper Division Course Elective 3

MINOR EQUIVALENT

Specialization equivalent to a minor in a related field. 18

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

CREDITS TO TOTAL A MINIMUM OF 120

**HONORS BACHELOR OF ARTS:
EDUCATIONAL STUDIES**

The recipient must complete:
1. All requirements for the Bachelor of Arts degree in Educational Studies.
2. All the University's generic requirements for the Honors Baccalaureate Degree (see page 52).

MINOR IN EDUCATIONAL STUDIES

The minor requires the 15 credits listed below. A grade of C- or better is required in all courses.

EDUC 240 Professional Issues: Philosophical and Legal Perspectives 3
EDUC 247 Professional Issues: Historical Perspectives 3

EDUC 205 Human Development: K-8
or
EDUC 230 Introduction to Exceptional Children
or
EDUC 414 Teaching Exceptional Adolescents 3

EDUC 258 Cultural Diversity, Schooling, and the Teacher
(fulfills University multicultural requirement)
or
EDUC 259 Diversity in Community Context
or
EDUC 419 Diversity in Secondary Education 3

EDUC 665 Elementary Statistics
or
PSYC 209 Measurement and Statistics. 3

FASHION AND APPAREL STUDIES

Telephone: (302) 831-8714
E- mail: fashion-studies@udel.edu
<http://www.udel.edu/fash>

The Department of Fashion and Apparel Studies (FASH) prepares students to thrive in the fast paced field of fashion. Relevant curriculums address the conceptualization, design, pre-production, planning, promotion and distribution of apparel and related products through two undergraduate major courses of study. Examining the social, psychological, historical and cultural influences on fashion, as well as providing a basic understanding of textile materials and production enriches our academic programs. An industry-oriented approach is emphasized.

The Apparel Design major focuses on trend research, conceptualization and pre-production of products for apparel-related industries that meet the functional, expressive, and aesthetic needs and desires of the consumer.

The Fashion Merchandising major addresses the planning, production, promotion and distribution of products in fashion industries to meet consumer need and demand. An Honors Degree option is available for each major.

Students in both majors can benefit from the Department of Fashion and Apparel Studies' collaboration with the Center for Historic Architecture and Design. Opportunities are available for students interested in material culture and preservation as they relate to apparel design, historic costume, dress and culture, and contemporary consumer behavior.

Students who wish to transfer from another major in the University are advised to contact the Department office regarding application policies and procedures.

DEGREE: BACHELOR OF SCIENCE
MAJORS: APPAREL DESIGN (APD) or
FASHION MERCHANDISING (FM)

Both the APD and FM 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

First Year Experience (see page 68) 0-4

Discovery Learning Experience (see page 68) 3

Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 68-70) 3

MAJOR REQUIREMENTS

English Writing course 3
 Selected from courses approved for Arts and Sciences second writing requirement, page 93-95.

Arts and Sciences Group B elective 3

COMM 255 Fundamentals of Communication or
 COMM 212 Oral Communication in Business 3

ART 129 Design in Visual Arts 3

Two Modern foreign language courses. 4-8
 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 four 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.

CHEM 101 General Chemistry 4
 CHEM 102 General Chemistry 4
 Math 114 or 115, or higher level/equivalent 3
 ECON 151 Introduction to Microeconomics: Prices and Markets 3
 PSYC 100 General Psychology 3
 SOCI 201 Introduction to Sociology 3
 FASH 110 Seeing and Being in a Visual World 3
 FASH 114 Fashion Style and Culture 3
 FASH 215 Fundamentals of Textiles I 3
 FASH 218 Fashion Merchandising 3
 FASH 220 Fundamentals of Textiles II 3
 Costume History course 3
 FASH 325 Presentation Techniques 3
 FASH 365 Fashion Merchandising and Apparel Design Seminar 1
 FASH 419 Social-Psychological Aspects of Clothing 3
 FASH 455 Textiles and Apparel in the Global Economy 3

CORE CURRICULUM COURSE CREDITS TO TOTAL . . . 70-74

ADDITIONAL APPAREL DESIGN CURRICULUM

CURRICULUM CREDITS

MAJOR REQUIREMENTS

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

Courses selected from: 6
 ACCT 160, 352; BUAD 301, 309, 471, 473, 474; ECON 152

FASH 122 Apparel Product Assembly 3
 FASH 221 Apparel Structures 3
 FASH 222 Apparel Product Analysis 3
 Additional Costume History course 3
 FASH 233 Fashion Drawing and Rendering 3
 FASH 314 Apparel Design by Flat Pattern 3

FASH 324 Apparel Design by Draping 3
 FASH 333 Fashion Forecasting and Design 3
 FASH 421 Professional Portfolio Development 1
 FASH 424 Apparel Collection Development 3
 FASH 433 Product Development & Management Studio 3

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

May include Military Science, Music, or Physical Education (Only two credits of activity-type Physical Education and four credits of Music ensemble 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 52). Within these requirements, the twelve (12) honors credits earned in courses in the Department of Fashion and Apparel Studies 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 Fashion and Apparel Studies.

ADDITIONAL FASHION MERCHANDISING CURRICULUM

CURRICULUM CREDITS

MAJOR REQUIREMENTS

ACCT 207 Accounting I or
 FASH 217 Accounting Practice for Merchandise 3

ACCT 160 Introduction to Business Information Systems I 3
 ACCT 352 Law and Social Issues in Business 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

FASH 222 Apparel Product Analysis or
 FASH 122 Apparel Product Assembly 3

FASH 318 Fashion Merchandising Products 3
 FASH 418 Merchandise Planning 4
 FASH 420 Assortment Planning and Buying Studio 2
 FASH 430 Topics in Fashion Marketing and Promotion 3

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

May include Military Science, Music, or Physical Education (Only two credits of activity-type Physical Education and four credits of Music ensemble 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: FASHION MERCHANDISING

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Fashion Merchandising.
2. All the University's generic requirements for the Honors Baccalaureate Degree (see page 52). Within these requirements, the twelve (12) honors credits earned in courses in the Department of Fashion and Apparel Studies 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 Fashion and Apparel Studies.

HOTEL, RESTAURANT AND INSTITUTIONAL MANAGEMENT

Robert Nelson, Ph.D., Department Chair
 Telephone: (302) 831-6077
 E-Mail: hrim-dept@udel.edu
 http://www.hrim.udel.edu/
 Faculty Listing: http://www.hrim.udel.edu/faculty/

The Hotel, Restaurant and Institutional Management curriculum leads to a Bachelor of Science Degree (including an Honors Degree option) and 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 student work and community service requirement of 800 hours is required prior to graduation. These combined work experiences assist in the preparation of students for the increasingly complex and challenging hospitality industry.

Transfer student applicants and those wishing to change from another major at the University of Delaware are considered on a space available basis. The chief criterion used in selection is academic performance. Applications are reviewed January 15, March 15, July 15, and October 15.

Students in the Hotel, Restaurant and Institutional Management program also have the opportunity to participate in a 4+1+1 MBA program with the Lerner College of Business and Economics. With careful planning, academically eligible students can complete both their undergraduate degree in Hotel, Restaurant and Institutional Management and the Master of Business Administration degree in five years of academic study plus a 12 month internship.

BREADTH REQUIREMENTS

The following courses have been approved to fulfill humanities and science electives for students majoring in Hotel, Restaurant and Institutional Management.

Humanities

Art, Art History, Communication, Comparative Literature, English, Foreign Language (including: 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 203, 205, 210, 216, 222, 318, 320, 326, 328, 330, 353, 380, 381, 382, 389, 465, 480), Science and Culture (CSCC 229, 241, 246, 250, 330, 365, 368, 369, 444).

Sciences

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

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

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

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing (minimum grade C-) 3
 First Year Experience (see page 68) 0-4

Discovery Learning Experience (see page 68) 3

Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 68-70) 3

MAJOR REQUIREMENTS

COMM 212 Oral Communication in Business 3
 ENGL 312 Written Communications in Business 3

Foreign Language elective 3

Humanities elective from above 3

MATH 114 College Mathematics and Statistics (designed for students who do not intend to continue the study of mathematics) or
 MATH 115 Pre-Calculus 3
 (designed for students who intend to continue the study of mathematics) or
 Successful performance on the proficiency test in mathematics administered by the Department of Mathematical Sciences.

STAT 200 Basic Statistical Practice or
 MATH 201 Introduction to Statistical Methods 3

NTDT 200 Nutrition Concepts (minimum grade C-) 3

Science electives 6

PSYC 100 General Psychology 3

ECON 100 Economic Issues and Policies or
 ECON 151/152 Introduction to Microeconomics/Macroeconomics 3-6

Sociology Elective (following course recommended): 3

SOCI 201 Introduction to Sociology

ACCT 200 Survey of Accounting or
 ACCT 207/208 Accounting I and II 4-6

BUAD 301 Introduction to Marketing 3

BUAD309 Management and Organizational Behavior 3

FINC 200 Fundamentals of Finance 3

HRIM 180 Introduction to Hospitality 3

HRIM 187 Introduction to Hospitality Information Management 3

HRIM 201 Food Principles 2

HRIM 211 Food Principles Laboratory 1

HRIM 218 Beverage Management 3

HRIM 321 Quantity Food Service Management 2

HRIM 325 Laboratory in Quantity Food Service Management 2

HRIM 327 Property Engineering 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 Resources Management in the Hospitality Industry 3

HRIM 481 Marketing in the Hospitality Industry 3

HRIM 482 Law of Innkeeping 3

HRIM 450 Managing Hospitality Information Systems 3

HRIM 488 HRIM Practicum I 4

HRIM 489 HRIM Practicum II 6

All HRIM courses require a minimum grade of C-.

The HRIM program requires 700 or more hours of approved industry work experience and an additional 100 hours of approved community service activities prior to graduation.

ELECTIVES

In addition, sufficient elective credits must be taken to meet the minimum credits required for the degree.

May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music ensemble 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 BACHELOR OR SCIENCE:
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 52).

HUMAN SERVICES, EDUCATION AND PUBLIC POLICY

The Human Services, Education and Public Policy major combines humanities, science and social science requirements with a breadth of courses from the College of Human Services, Education and Public Policy. In addition to the Core requirements, which represent the interdisciplinary nature and service-learning focus of the College, students select a Primary Interest Area of at least twenty-four credit hours from among the Interest Areas offered by the academic units in the College. Students also select a Secondary Interest Area, typically in the form of an existing University minor; however, there is an option to individualize the Secondary Interest Area with prior approval from the CHEP Faculty Committee. The selection of each interest area is designed to allow students to explore their own personal and career objectives, while exploring the diverse areas within the CHEP College.

Students who wish to change from another major in the University are encouraged to contact the CHEP Office of Student Support Services (105 Pearson Hall). For additional information on the CHEP major, please contact:

Kristine Coll
(302) 831-2301
kritz@udel.edu
www.udel.edu/chep/oss/undergraduate/chepmajor.html

BREADTH REQUIREMENTS

Students are required to select courses in the humanities, social sciences and sciences as indicated below, including two multicultural courses and a second writing requirement. A list of courses that may be used to satisfy the program's requirements may be obtained from the CHEP Office of Student Support Services (105 Pearson Hall).

**DEGREE: BACHELOR OF SCIENCE
MAJOR: HUMAN SERVICES, EDUCATION AND
PUBLIC POLICY**

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing (minimum grade C)	3
First Year Experience (see page 68)		0-4
Discovery Learning Experience (see page 68)		3
Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related courses content (see pages 68-70)		3

(May fulfill another degree requirement.)

MAJOR REQUIREMENTS

Three additional credits in an approved course stressing multi-cultural, ethnic, and/or gender-related course content 3
Students should select one course in U.S. diversity and one in global diversity. A list of courses that may be used to satisfy the multicultural requirements may be obtained from the CHEP Office of Student Support Services (105 Pearson Hall). May fulfill another degree requirement.

Humanities

English Literature Elective; English 312; or Communications Elective	3
Foreign Language or Humanities Electives	6-8
Fine Arts Elective	3

Mathematics and Science

MATH 114 (or higher) or MATH 251	3
Science Elective with Laboratory	4
Science Elective	3
Science, Mathematics or Statistics Elective	3

Social Sciences

History or Economics Elective	3
History or Sociology Elective	3
Psychology Elective	3
Social Science Elective or ACCT 160	3
Social Science Elective	3

A second writing course is also required. It should be selected from the courses approved for Arts and Sciences second writing requirement and can be used to fulfill another degree requirement.

COLLEGE CORE REQUIREMENTS

(minimum grade C- in each course)

The College Core includes courses from the various CHEP Departments and Schools and reflects the interdisciplinary intent of this major.

HEPP 100	CHEP Introductory Seminar	1
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Pre-professional Skills Courses:

Choose two of the following	6
LEAD 100	Leadership, Integrity, and Change
HRIM 140	Information Technology and Services Management
HRIM 230	Executive Presentations and Problem Solving
HRIM 238	Assessment, Evaluation, and Communication in Service Delivery Systems
ENGL 312	Written Communications in Business
LEAD 209	Presentation Strategies

Interdisciplinary Courses:

Select 9 hours of CHEP Special Topics (HEPP 160, 260, 360, 460) or other interdisciplinary courses from a restricted list, available from the CHEP Office of Student Services, 105 Pearson Hall 9

Special Topics courses vary each semester and are at various levels, from freshman to senior-level offering. Topics may include the following: Learning Across the Lifespan; The Family; The Physical and Emotional Wellness of American Youth; Communities and the Environment; Current Policy Issues; the Dignity of Service; Professional Autonomy and Public Accountability.

Primary Interest Area 24-25

Students will complete one of the following interest areas of approximately 24 credit hours (see below):

- A: Education and Community Services
- B: Hospitality Services and Information Technology Management

Secondary Interest Area 18

Students are encouraged to complete an approved University minor. Other options may be approved by the CHEP Faculty Committee.

HEPP 400 Service Learning Practicum 3-6

Students will complete a required Service Learning Experience connected to their Primary Interest Area and/or Secondary Interest Area.

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

CREDITS TO TOTAL A MINIMUM OF 120

**INTEREST AREA A:
EDUCATION AND COMMUNITY SERVICES**

EDUC 205	Human Development K-8	
or		
IFST 220	Child Development I: Prenatal to Age 3	3
IFST 329	Adolescent Development	3
EDUC 230	Introduction to Exceptional Children	3
EDUC 240/247	Philosophical and Legal/Historical Perspectives	3
EDUC 258/419	Cultural Diversity in the Classroom	3
IFST 101	Human Services and Cultural Competence	1
IFST 202	Foundations of Family Studies	3
IFST 235	Survey in Child and Family Services	3
IFST 346	Delivery of Human Services	3

**INTEREST AREA B:
HOSPITALITY SERVICES AND INFORMATION TECHNOLOGY
MANAGEMENT**

HRIM 144	Fundamentals of Information Management Networks & Systems	3
HRIM 180	Introduction to Hospitality	3
HRIM 187	Introduction to Hospitality Information Management	3
HRIM 346	Hospitality Web-based Marketing	3
HRIM 380	Management of Lodging Operations	3
HRIM 442	Hospitality Computer Based Education	3
HRIM 448	Data-mining Analysis in the Hospitality Industry	3
HRIM 450	Managing Hospitality Information Systems	3
HRIM 488	Hotel, Restaurant and Institutional Management Practicum	1

INDIVIDUAL AND FAMILY STUDIES

Telephone: (302) 831-6500
<http://www.udel.edu/ifst>
<http://www.udel.edu/ifst/people/index.html>

The Department of Individual and Family Studies offers undergraduate majors in Early Childhood Education, and in Human Services, both with Honors Degree options. The curricula prepare students for challenging careers with individuals and families throughout the lifespan. Graduates become leaders in early education, family support, and human service programs, with many students pursuing advanced study.

The major in Early Childhood Education is designed for students who plan on working with children in a variety of educational settings, including schools, preschools, early care and education and home-based programs. The Early Childhood Education major prepares undergraduate students to educate young children in inclusive settings. Students who graduate from this approved early childhood program meet the requirements of the state of Delaware to be certified birth through second grade in both early childhood education and early childhood special education. The program emphasizes developmentally appropriate, family-centered practices to meet the needs of all children, including those with disabilities.

Students in the Human Services major are required to choose one of two concentrations. The Clinical Services Concentration 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 developing quality programs for individuals and families. Students are also prepared to pursue graduate degrees in careers addressing the needs of individuals and their families, such as in community and school counseling, family therapy, and social work.

The Administration and Family Policy Concentration is designed for students with interests in developing and administering

human service programs, as well as making societal changes through advocacy and social policy. Students are prepared to pursue graduate degrees in such areas as public administration, community development and community psychology, family policy and family studies, family law, and social work.

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

BREADTH REQUIREMENTS

The following courses have been approved to fulfill humanities, science and social science electives for students in majors offered by the Department of Individual and Family Studies

Humanities

Art, Art History, Comparative Literature, English, Foreign Language (including: 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 203, 205, 210, 216, 222, 318, 320, 326, 328, 330, 353, 380, 381, 382, 389, 465, 480), Science and Culture (CSCC 229, 241, 246, 250, 330, 365, 368, 369, 444).

Sciences

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

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

Social Science

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, 236, 240, 310, 325, 328, 330), History, Political Science, Psychology (except PSYC 314), Sociology, Women's Studies (WOMS 201, 202, 206, 207, 211, 212, 213, 233, 240, 291, 298, 299, 300, 305, 323, 333, 350, 363, 407, 413, 415, 430, 436, 460, 484, 498), Science and Culture (CSCC 233, 311, 355, 382).

**DEGREE: BACHELOR OF SCIENCE
MAJOR: EARLY CHILDHOOD EDUCATION**

CURRICULUM	CREDITS
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UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing (minimum grade C-)	3
	First Year Experience (see page 68)	0-4
	Discovery Learning Experience (see page 68)	3
	Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related courses content (see pages 68-70)	3

MAJOR REQUIREMENTS

	Literature course	3
	(Select from courses approved for Arts and Sciences second writing requirement)	
	Fine Arts/ Humanities course	3
	(Select from art, art history, theater, music, or foreign language)	
LING 101	Introduction to Linguistics	3
MUED 390	Music in the Elementary School	3
BISC 105	Human Heredity and Development	3
	Earth Science course	4
	Physical Science course	4

MATH 251	K-8 Math: Numbers and Operations	3
Choose two of the following math courses. 6		
MATH 252	K-8 Math: Rationals and Probability	
MATH 253	K-8 Math: Geom., Alg., & Measurement	
Mathematics elective		
PSYC 100	General Psychology	
or		
Sociology course 3		
American history course		
or		
POSC 150	American Political System	3
Geography course 3		
History elective (World/Non-western) 3		
EDUC 210	Literature and Literacy for Young Children	3
EDUC 230	Introduction to Exceptional Children.	3
IFST 101	Human Services and Cultural Competence.	1
IFST 201	Life Span Development.	3
IFST 202	Foundations of Family Studies	3
(fulfills University multicultural requirement)		
IFST 220	Child Development I: Prenatal to Age 3	3
IFST 221	Child Development II: 3-8 years	3
IFST 222	Inclusive Curriculum: Birth to Grade 2	3
IFST 224	Practicum in Inclusive Curriculum: Birth to Grade 2	3
IFST 306	Reading and Writing Birth to Grade 2	3
IFST 350	Technology & Assistive Technology in Early Childhood Educ.	3
IFST 355	Professional Issues in ECDE	3
IFST 411	Inclusive Curriculum: Birth - Preschool.	3
IFST 412	Inclusive Curriculum: Preschool - Kindergarten	3
IFST 413	Inclusive Curriculum: Kindergarten - Grade 2	3
IFST 414	Classroom Management/Guidance and Behavior Support.	3
IFST 431	Field Experience: Birth to Preschool	1
IFST 432	Field Experience: Preschool - Kindergarten	2
IFST 433	Field Experience: Kindergarten - Grade 2	1
IFST 435	Programs for Children with Exceptionalities	3
IFST 445	Family, School, and Community Partnerships	3
IFST 452	Assessment of Children	3
IFST 470	Families and Children at Risk	3
IFST 480	Student Teaching Seminar	2
EDUC 400	Student Teaching.	12
Prerequisites for EDUC 400 Student Teaching: a GPA 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.		

Praxis Test Requirements

ECDE students must complete the following Praxis test requirements:

Praxis I: Passing scores on the Praxis I test, all three subtests (reading, passing score = 175; writing, passing score = 173; and mathematics, passing score = 174), prior to enrollment in IFST 355.

Praxis II: Proof of having taken an appropriate academic CONTENT area test (e.g. Praxis II in Elementary Content Knowledge or Fundamental Subject Area Test) or a state-designated academic content knowledge test (e.g. New York State test in the appropriate area, like the Elementary Multiple Subjects Test). A copy of the Official score report must be submitted to the Delaware Center for the Teacher Education, 200 Academy Street, during enrollment in EDUC 400 Student Teaching or no later than November 1 for January graduates and May 1 for June or summer graduates. An institutional recommendation for certification will not be issued until the candidate has presented the official score report.

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

Only four credits of Music ensemble and four credits of 100-200 level courses in Military Science/ Army ROTC may be counted toward the degree.

CREDITS TO TOTAL A MINIMUM OF 124

**HONORS BACHELOR OF SCIENCE:
EARLY CHILDHOOD EDUCATION**

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Early Childhood Education.
2. All of the University's generic requirements for the Honors Baccalaureate Degree. (see page 52 of this catalog.)
3. These additional requirements:
 - a. Student Teaching Seminar must be taken as an Honors course (IFST 481).
 - b. Achieve a 3.4 GPA in major.

**DEGREE: BACHELOR OF SCIENCE
MAJOR: HUMAN SERVICES
CONCENTRATION: CLINICAL SERVICES**

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110 Critical Reading and Writing
(minimum grade C-) 3

First Year Experience (see page 68) 0-4

Discovery Learning Experience (see page 68) 3

Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related courses content (see pages 68-70) 3

MAJOR REQUIREMENTS

English course	3
Communication course	3
Humanities electives	6
NTDT 200 Nutrition Concepts	3
Science electives	12
(One science elective must be a laboratory science and at least six credits must be in Physical or Biological Sciences.)	
SOCI 201 Introduction to Sociology	3
PSYC 100 General Psychology.	3
ECON 100 or ECON 151	3
Social Science electives	6
IFST 101 Human Services and Cultural Competence	1
IFST 201 Life Span Development.	3
IFST 202 Foundations of Family Studies	3
(fulfills University multicultural requirement)	
IFST 230 Families and Their Communities	3
IFST 235 Survey in Child and Family Services	3
IFST 328 Introduction to the Research Process.	3
IFST 332 Counseling Theories	3
IFST 334 Experiential Education	3
(IFST 334 requires a 50 hour field placement. Placements need approval of instructor before class begins.)	
IFST 346 Delivery of Human Services	3
IFST 347 Program Development and Evaluation	3
IFST 402 Family and Child Policy	3
IFST 422 Family Relationships	3
IFST 475 Topics in Individual and Family Studies	3

One "Individuals and Families with Disabilities" course chosen from: 3

IFST 270 Families and Developmental Disabilities

IFST 470 Families and Children at Risk

One developmental elective chosen from: 3

IFST 220 Child Development I: Prenatal to Age 3

IFST 221 Child Development II: 3-8 years

IFST 310 Parenting Through the Lifespan

IFST 329 Adolescent Development

IFST 339 Adult Development and Aging

IFST 403 Concepts in Gerontology

IFST 405 Aging and the Family

The developmental elective must be related to the "area of interest" and approved by the advisor.

IFST 465 Seminar 2

IFST 449 Internship in Community Services 10

Prerequisite for IFST 449 Internship: GPA of 2.50 and major field index of 2.75 with a minimum grade of C- in all IFST courses, restricted electives, and IFST 332, and 334.

Restricted electives 12
 determined in consultation with advisor upon completion of IFST 235. Nine credits of restricted electives must be completed prior to senior internship.

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.
 Only four credits of Music ensemble and four credits of 100- and 200-level courses in Military Science/Army ROTC may be counted toward the degree.

CREDITS TO TOTAL A MINIMUM OF 120

**DEGREE: BACHELOR OF SCIENCE
 MAJOR: HUMAN SERVICES
 CONCENTRATION: ADMINISTRATION AND FAMILY POLICY**

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing (minimum grade C-)	3
First Year Experience (see page 68)		0-4
Discovery Learning Experience (see page 68)		3
Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related courses content (see pages 68-70)		3

MAJOR REQUIREMENTS

English course		3
Communication course		3
Humanities electives		6
MATH 114 or higher, or CISC course		3
Science electives		9
(One science elective must be a laboratory science. Other science courses may include mathematics, statistics, or computer and information science.)		
SOCI 201	Introduction to Sociology	3
PSYC 100	General Psychology	3
POSC 220	Introduction to Public Policy	3
ECON 100 or ECON 151		3
Leadership course		3
Human Relationships elective (IFST 267, IFST 333, IFST 401, or IFST 409)		3
Social Science electives		6
IFST 101	Human Services and Cultural Competence	1
IFST 201	Life Span Development	3
IFST 202	Foundations of Family Studies (fulfills University multicultural requirement)	3
IFST 230	Families and Their Communities	3
IFST 235	Survey in Child and Family Services	3
IFST 328	Introduction to the Research Process	3
IFST 334	Experiential Education (IFST 334 requires a 50 hour field placement. Placements need approval of instructor before class begins.)	3
IFST 347	Program Development and Evaluation	3
IFST 402	Family and Child Policy	3
IFST 422	Family Relationships	3
IFST 475	Topics in Individual and Family Studies	3
One "Individuals and Families with Disabilities" course chosen from:		3
IFST 270	Families and Developmental Disabilities	
IFST 470	Families and Children at Risk	
Two developmental electives chosen from:		6
IFST 220	Child Development I: Prenatal to Age 3	
IFST 221	Child Development II: 3-8 years	
IFST 310	Parenting Through the Lifespan	
IFST 329	Adolescent Development	
IFST 339	Adult Development and Aging	
IFST 403	Concepts in Gerontology	
IFST 405	Aging and the Family	
One developmental elective must be related to the "area of interest" and approved by the advisor.		

Restricted electives 18
 May be fulfilled with a minor. Minors may include, but are not limited to, legal studies, public policy, criminal justice, disability studies, leadership, women's studies, public administration; related electives may be necessary to complete 18 credits. Restricted electives may also have an applied family research emphasis, and may include, but are not limited to, IFST 466, IFST 615, and UNIV 401/402 Senior Thesis.

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

Only four credits of Music ensemble and four credits of 100- and 200-level courses in Military Science/Army ROTC may be counted toward the degree.)

CREDITS TO TOTAL A MINIMUM OF 120

**HONORS BACHELOR OF SCIENCE:
 HUMAN SERVICES**

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Human Services.
2. All of the University's generic requirements for the Honors Baccalaureate Degree. (see page 52)
3. These additional requirements:
 - a. Senior Seminar (IFST 465) must be taken as an Honors section.
 - b. Achieve a 3.4 GPA in major.
 - c. IFST 422 (Honors section) serves as the capstone course.

LEADERSHIP

Telephone: (302) 831-8711
 Email: leadership-studies@udel.edu

The School of Urban Affairs and Public Policy offers an undergraduate degree in Leadership. The Leadership major and minor educates students to provide leadership for socially responsible strategies, programs and policies that improve quality of life and minimize harmful effects on consumers. Students are encouraged to blend their knowledge of leadership, consumer behavior and consumer policy with a personal set of values and ethics to mobilize change. The strong interdisciplinary curriculum provides students with knowledge applicable to a variety of workplace settings. The major also prepares students with a set of skills that will give them an active voice and confidence in their endeavors: team work; effective communication; decision-making skills; and synergistic and creative approaches to problem solving. With careful planning and advisement, Leadership majors have the opportunity to earn a Bachelor of Science degree and a Master of Public Administration (MPA) degree in less than the usual six years. An Honors Degree option is available. Additional information is available from the program office.

Students who wish to change from another major in the University are advised to contact the program office regarding selection policies and procedures.

BREADTH REQUIREMENTS

The following courses have been approved to fulfill humanities and science electives for students in the Leadership major.

Humanities

Art, Art History, Communication, Comparative Literature, English, Foreign Language (including: 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 203, 205, 210, 216, 222, 318, 320, 326, 328, 330, 353, 380, 381, 382, 389, 465, 480), Science and Culture (CSCC 229, 241, 246, 250, 330, 365, 368, 369, 444).

Sciences

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

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

DEGREE: BACHELOR OF SCIENCE

MAJOR: LEADERSHIP

<http://www.udel.edu/suapp/faculty/facultylist.htm>

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS

ENGL 110	Critical Reading and Writing (minimum grade C-)	3
First Year Experience (see page 68)		0-4
Discovery Learning Experience (see page 68)		3
Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 68-70)		3

MAJOR REQUIREMENTS

Three credits chosen from courses designated in the Registration Booklet as satisfying the Arts and Sciences Second Writing Course requirement. This requirement may be fulfilled through a course taken to complete other course requirements 3

COMM 255	Fundamentals of Communication or COMM 212	Oral Communications in Business	3
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PHIL 200	Business Ethics or PHIL 202	Contemporary Moral Problems	3
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Modern Foreign Language course		3
Humanities elective		3
Communications course		3
MATH 201	Introduction to Statistics I	3
Physical or Biological Science Elective		3
Math course		3
Only three credits from any combination of MATH 114 and MATH 115 can count toward graduation.		
Statistics course or equivalent		3
ECON 151	Introduction to Microeconomics: Prices and Markets	3
ECON 152	Introduction to Macroeconomics: National Economy	3
PSYC 100	General Psychology	3
Sociology course		3
Political Science course		3
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, Economics, Accounting, or Finance courses or any of the following: POSC 341, POSC 453, POSC 454, POSC 455 6		
ACCT 200 or ACCT 207 or FASH 217		3
Computer Applications course selected from ACCT 160, CISC 105, FREC 135		3
FASH 110	Seeing and Being in a Visual World	3
LEAD 100	Leadership, Integrity and Change	3
LEAD 101	Understanding Consumers	3
LEAD 110	Perspectives on Leadership	1
LEAD 201	Introduction to Consumer Policy	3
LEAD 205	Leadership in Consumer Voice and Customer Service	3

LEAD 209	Presentation Strategies	3
LEAD 304	Leadership, Power, and Social Responsibility	3
LEAD 311	Topics in Consumer Resource Management	3
LEAD 341	Decision-Making and Leadership	3
LEAD 401	Topics in Consumer Policy	3
LEAD 404	Leadership in Organizations	3
LEAD 411	Topics in Leadership Dynamics	3
LEAD 490	Senior Capstone	3

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.

May include Military Science, Music, or Physical Education. (Only two credits of activity-type Physical Education and four credits of Music ensemble 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:
LEADERSHIP**

The recipient must complete:

1. All requirements for the Bachelor of Science degree in Leadership.
2. All the University's generic requirements for the Honors Baccalaureate Degree (see page 52). Within these requirements, the twelve (12) honors credits earned in Leadership courses or in closely related areas outside the program must be approved by the student's advisor. Of these, a minimum of six (6) credits must be taken in the Leadership Program.

MINOR IN LEADERSHIP

The Leadership minor provides an opportunity for students from a variety of disciplines to gain a substantive introduction to the concept of leadership and the application of leadership to designing, managing, and evaluating change in our public, private, and non-profit organizations. The hallmark of the minor is a focus on how vision, integrity, change, communication, decision-making, and evaluation influence leadership and shape change in organizations and in the community.

The minor in Leadership requires 18 credit hours, distributed as follows: all core courses listed below (9 credits) and three additional courses of restricted electives (9 credits) selected in consultation with and approved by the student's minor advisor. One of these restricted electives must be selected from approved COMM courses. The remaining 6 credits must be selected from outside the student's major field of study, and must be chosen from the following topic areas: Leadership in Context; Integrity/Ethics; and/or Leadership Competencies. All courses included in the minor must be completed with a grade of C- or better.

LEAD 100	Leadership, Integrity and Change	3
LEAD 304	Leadership, Power, and Social Responsibility	3
LEAD 404	Leadership in Organizations	3
Restricted electives		9

Admission to the minor is by application. For further information, contact the Leadership Program, 182 Graham Hall, (302) 831-8711, leadership-studies@udel.edu.