

College of Education

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The College of Education is organized into two departments: Educational Development and Educational Studies. Each offers an undergraduate degree program for persons who wish to study the discipline of education. The program in Educational Development leads to the Bachelor of Science in Education degree and is designed to prepare students for careers as teachers of normal and exceptional children. The program in Educational Studies leads to the Bachelor of Arts in Educational Studies degree for students who wish to apply the study of education to careers in business, law, journalism, publishing, politics, etc. Students in the Department of Educational Studies also have the option of pursuing an Honors Degree.

TEACHER EDUCATION PROGRAMS

The University of Delaware offers undergraduate degree programs in twenty-nine areas for students who wish to prepare themselves to be certified teachers. Responsibility for administering the teacher education programs is assigned to the colleges of Agricultural Sciences, Arts and Science, Education, Human Resources, and Physical Education, Athletics and Recreation.

The Teacher Education Programs are described on the pages listed below. For additional information consult the coordinator of the program.

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COLLEGE OF AGRICULTURAL SCIENCES	, ago
Agriculture (Secondary) Dr. Dean Shippy, Department of Agricultural Education: 8	39 31-2508
COLLEGE OF ARTS AND SCIENCE	
English (Secondary)	
Dr. Joan DelFattore, Department of English: 831-2987 Foreign Languages (Secondary)	80-83
Dr Bonnie Robb, Department of Foreign Languages and Literatures: 831-6141	
History and the Social Sciences (Secondary) Dr. William E. Pulliam, Department of History: 831-2860	64, <i>77</i> , 88, 92, 110, 112, 115
Mathematics (Secondary) Dr. Richard Crouse, Department of Mathematical Sciences:	98

Maria (K10)
Music (K-12) 102-104 Dr. Robert Streckfuss, Department of Music: 831-6895
Science (Secondary)
COLLEGE OF EDUCATION
Elementary (K-8), Regular and Special Education
COLLEGE OF HUMAN RESOURCES
Home Economics (Secondary) 154 Dr. Mary Lou Liprie, Department of Individual and Family Studies: 831-8558
(Although there is no Home Economics education major, certifi- cation in Home Economics can be obtained through degree pro- grams offered in the College of Human Resources)
Early Childhood Development and Education
COUPOR OF
COLLEGE OF PHYSICAL EDUCATION, ATHLETICS AND RECREATION
Physical Education and Health Education (K-12) 162 Dr. Ann McNeil, Department of Physical Education: 831-3536

While the specific course requirements in the programs vary widely, they all adhere to the standard that Delaware-educated teachers shall have mastered the fundamentals of a liberal education, shall have fulfilled the academic requirements of a major in his or her teaching field, shall be literate in the history, philosophy, psychology, sociology and methodology of education, and shall have developed the skills of the teaching profession. Thus, 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 teaching technique.

DEAN'S SCHOLAR PROGRAM

The College of Education invites a number of highly motivated students who have clearly defined educational goals and who have good academic records to pursue the Dean's Scholar Program. Students in the program are freed of most college requirements and develop individual programs of study under the supervision of their faculty adviser.

Students interested in the Dean's Scholar Program should contact the Dean's Office for additional information or call 831-2311

STUDENT TEACHING

5 tudent teaching is required of all students who wish to obtain an undergraduate degree in teacher education. To participate in the student teaching program, students must satisfy the course prerequisites and criteria for admission to either EDDV 400 or EDST 400, Student Teaching. Each degree program in teacher education requires a certain minimum G.P.A. for enrollment in Student Teaching. The appropriate teacher education program adviser (see list on p. 127) should be consulted for the exact G.P.A. requirements and other policies concerning qualifications for student teaching. Applications for student teaching must be submitted and approved prior to the student teaching semester. Deadlines and procedures for submitting applications for student teaching will be published each year. Students are expected to assume responsibility for their own transportation to and from the schools to which they have been assigned for student teaching.

REQUIREMENTS FOR GRADUATION

5 tudents must complete the minimum number of credits and the specified courses as required in the approved teacher education program they have chosen, and must also meet the general University degree requirements.

CERTIFICATION

The University of Delaware teacher education programs have State Approved Program status based on the standards of the National Association of State Directors of Teacher Education and Certification (NASDTEC) Students who complete an Approved Program receive an Institutional Recommendation that endorses them for certification in the District of Columbia and the states that are party to the NASDTEC Certification Reciprocity System. To be certain of the University's recommendation, students must complete the Approved Program in its entirety without any deviations. In addition, most states require that students pass a standardized test to qualify for teacher certification. The Office of Student Services for Teacher Education has information available to students on the testing requirements and on the certification procedures in the various states.

OTHER COLLEGE RESOURCES

The Education Resource Center, located on the ground floor in the Willard Hall Education Building, is a multimedia, special purpose library that provides both circulating and reserve collections to support the curriculum of the College of Education, with materials such as school textbooks, kits, children's books and laser discs. In addition, the Center offers courses for school library media specialist certification. For further information, call (302) 831-2335

The Center for Assistive and Instructional Technology is funded jointly by the Instructional Technology Center and the College of Education to advance the preparation of preservice and inservice teachers and speech therapists. A secondary mission is to promote research on

the uses of technology to enhance learning, increase independence and improve productivity in students with and without special needs. The Center maintains a reference collection containing more than 3,000 books, articles and reports in an on-line catalog that permits electronic searches, as well as a collection of educational software and videodiscs, assistive devices, communication aids and multimedia technology. Also included is a computer laboratory for class instruction and individual student use.

The Office of Clinical Studies for Teacher Education. The emphasis in teacher education programs at the University is to provide students with early and graduated "hands on" experiential and instructional opportunities in the schools of Delaware. The Office of Clinical Studies for Teacher Education assists faculty in implementing a program of field-based professional practice that includes several sequential phases representing increasing professional involvement and responsibility. Using a three-level approach of graduated clinical responsibilities, students participate in field experiences in school settings beginning in the freshman year and culminating in a full semester of teaching in the senior year.

In administering the clinical studies program, the Office staff is responsible for the selection and training of supervisory personnel, the development of policies governing the clinical program, the integration of clinical experiences into other facets of the teacher education program, and the placement of students in appropriate clinical settings. In serving teacher education programs throughout the University, the Office of Clinical Studies makes over 3,000 placements each year. For further information, call (302) 831-2319.

The Office of Student Services and Teacher Recruitment helps students interested in teacher education to obtain a realistic employment outlook and to explore ways to enhance their employability in teaching and in related fields. Special seminars and programs are offered throughout the year to help students in their search for a job. The Office also maintains files on all teacher education students and assists them in the certification process. Within the College of Education, the Office serves as the main Advisement Center for all students in the Elementary Teacher Education program. Students are encouraged to seek guidance from their advisor concerning all aspects of their academic programming

The staff of the Office is also responsible for the administration of the ASPIRE (Academic Support Programs Inspiring Renaissance Educators) program, which is designed to increase the number of minority students in the College. For further information, call (302) 831-2317

The College School, housed within the College of Education, provides a regular school-year program and summer program for children with learning difficulties. The School's curriculum provides individualized and innovative instruction for children who have previously had unsuccessful school experiences, with the goal of returning these children to more traditional classroom settings as soon as feasible. The School also functions as a research and clinical site for students and faculty in the College of Education. For further information, call (302) 831-1097.

The Center for Intercultural Teacher Education (CITE) designs and implements projects that promote intercultural understanding and acceptance as well as the affirmation of diversity both within and outside our national boundaries. Projects include the creation and management of overseas study programs, internationally and multiculturally oriented field trips, cross-cultural service learning activities, co-curricular programs (e.g., speakers and workshops), and an ever-expanding resource collection. The Center encourages student participation and leadership in its projects through membership in its affiliated student organizations – MOSAIC and the Delaware Teacher Corps (DTC).

For further information, call (302) 831-3648 or e-mail: re.cite@chopin.udel.edu.

The Instructional Technology Center (ITC), based in the College of Education, works with on-campus and off-campus constituencies to explore innovative solutions to difficult problems through the use of instructional technologies ITC researchers and developers work with University faculty to create computer software, interactive videodisc and multimedia programs, many of which are used in schools, colleges, universities and industries around the world Within the College of Education, the ITC works with faculty and staff to integrate technology into teacher preparation and to support the College's efforts to identify new ways technology can be used to improve schooling, teacher preparation and faculty effectiveness. The ITC is helping the College to provide a graduated program for pre-service teacher preparation in technology.

The Thurgood Marshall Professional Development School is a collaborative effort of the College of Education and the Christina School District. The professional development school (PDS) provides a site conducive to mutual exchange among college and school staff to advance education at all levels through collaborative research and training. For example, Marshall teachers, college faculty and graduate and undergraduate students have been collaborating to develop a quality science program which integrates literacy skills. In addition, the PDS is a training site for pre-service and beginning teachers. For further information call (302) 831-1976.

The Reading Study Center offers classes for students in grades K-12 who need help with reading, spelling, and writing. Students' lessons are supplemented and reinforced with individualized computer programs in the center's computer lab. The center also provides remedial tutorials for students in secondary schools throughout the Christina School District funded by a grant from the district. Training in the remedial method used by the center is available for teachers, student-teachers, and parents during the summer in Intensive Literacy (EDST 524).

EDUCATIONAL DEVELOPMENT

The goal of the department of Educational Development to offer exemplary teacher and specialist programs by: 1) bridging the various disciplines that comprise the school curriculum with fundamental learning processes, 2) structuring the knowledge of these fields for elementary students, 3) applying expertise in the generation and use of materials and approaches to instructional activities, 4) providing expertise in the education of all children including exceptional children, and 5) continuing the exploration and evaluation of teacher education models.

BACHELOR OF SCIENCE IN EDUCATION DEGREE PROGRAM IN ELEMENTARY TEACHER EDUCATION (including Special Education)

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

- become outstanding general elementary and special education teachers
- develop a strong background in the academic subject taught at the elementary level
- develop the employment flexibility and security to be a special education teacher or a regular elementary teacher (grades K-4, 5-8), with additional options in bilingual education, English as a second language, and middle school mathematics, science, or English education
- provide all children, including those with special learning needs, with the best possible education

The current elementary teacher education program has evolved as a result of a determined effort on the part of the faculty to coordinate their efforts with public school personnel in education. Programs of clinical experiences have gradually increased and improved because of the continuing contact with classroom teachers, principals, and administration officers of local schools. 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 *Discipline* area provides the teacher candidate with an opportunity to select one of the following five disciplines: English, general science, mathematics, social studies, or language studies. A list of the specific courses that comprise each of these areas is available in the Office of Student Services and Teacher Recruitment. If a student pursues certification in the Discipline area, a grade of C- or better is required in all courses in this area

The *Professional Studies* area is designed to develop the candidate's teaching skills; this requirement is fulfilled by completing a common core of courses and one or more of the specializations (K-4, 5-8, Exceptional Children 1-8). 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.

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

CURRICULUA	CREDITS	
UNIVERSI'	TY REQUIREMENTS Critical Reading and Writing (minimum grade of C-)	
Three credits	in an approved course or courses stressing 3 al, ethnic, and/or gender-related content (see p 20)	
	EQUIREMENTS	
	the College 60	
	ence (12 credits)	
GEOL 113	Earth Science	
SCEN 101	Physical Science 4	
SCEN 102	Physical Science 4	
BISC 103/11	3 General Biology 4	
BISC 207	Introductory Biology I	
Mathemati	cs (9 credits)	
MATH 251 MATH 252 MATH 253	Mathematics for the Elementary School I 3 Mathematics for the Elementary School II 3 Mathematics for the Elementary School III 3	
Social Scien	nce (9 credits)	
HIST 103	World History to 1648	
HIST 104	World History: 1648 to present 3	
HIST 205 or	United States History 3	
HIST 206	United States History 3	
One of the fo GEOG 102 GEOG 120	llowing Geography courses: Human Geography 3 World Regional Geography 3	
GEOG 203 GEOG 210	Introduction to Cultural Geography 3 Economic Geography 3	
English/Linguistics (6 credits)		
LING 101	Introduction to Linguistics	
or ENGL 390	English Linguistics	

One of the fo ENGL 207 ENGL 208 ENGL 209 ENGL 210	Illowing literature courses: Introduction to Poetry 3 Introduction to Drama 3 Introduction to the Novel 3 Short Story 3				
Fine Arts Art, Art Histo A list of the s	ry, Music, or Theatre 6 pecific courses is available in the Office of Student Services				
(Rm.120 Wil	lard Hall)				
Eighteen cred areas: Eng studies A available i	Discipline Area Eighteen credit hours of study from one of the following five				
	o choose to pursue certification in the discipline area must of C- or better in all courses in the discipline				
Requiremen	nts Within the College				
	al Studies: Education Core 46				
EDST 202	Human Development I: Grades K-4				
EDST 203	Human Development II: Grades 5-8				
EDST 230	Introduction to Exceptional Children				
EDST 240	Professional Issues: Philosophical Perspectives				
or FDST 247	Professional Issues: Historical Perspectives				
EDDV 400 The Elementar G.P.A for enr for the degree the exact G.P for student te Students seek dent teaching dents seeking placement in	ing certification in one area will complete a semester of stu- {14 weeks} and receive 9 credits for this placement. Stu- certification in two areas will complete a nine-week each area for a total of 18 weeks. They will receive 6 credits				
for each place	ement for a total of 12 credits. Students seeking more than				
two certification	ons will complete a placement in each additional area of cer-				
Specializa	tions (3-12 credits)				
	select one or more of the following specializations: rades 5-8, or exceptional children (1-8)				
For K-4 Spe	cialization, the following courses are added to the Education				
Core:					
	urriculum for the Primary Grades				
For 5-8 Spe EDDV 422	cialization, the following course is added to the Education Core: Literacy in the Content Areas				
	onal Children (1-8) Specialization, the following courses				
are added to EDST 431 EDST 432 EDST 435 EDST 436	the Education Core: Applied Behavior Analysis				

CREDITS TO TOTAL A MINIMUM OF...... 121-130

APPLICATION FOR CLEARANCE FOR UPPER DIVISION STUDY IN TEACHER EDUCATION

5 tudents 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 Office of Student Services and Teacher Recruitment, College of Education (Room 120). 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

EDUCATIONAL STUDIES

The Department of Educational Studies is concerned with those issues that surround the question of what education is and how it can be made better. The view of education is at a more fundamental level than the act of teaching, for teaching is but the end result of a long chain of assumptions and decisions. The department attempts to provide students with reliable knowledge about the fundamental structures of the educational process. These broad areas of study include evaluation and measurement, history, philosophy, and sociology of education.

BACHELOR OF ARTS IN EDUCATIONAL STUDIES

The Bachelor of Arts in Educational Studies (B A E S.) program is designed for students who want to pursue educational studies outside of the elementary and secondary-level teaching programs. It is designed especially for students who are interested in the subject of education as part of a liberal arts curriculum and for those who are interested in education-related careers. Students may select the B A E S. program as a: (1) single major, or (2) joint major with a noneducational program. Joint majors with elementary and secondary education are possible, but generally require up to two additional semesters for completion.

The program emphasizes flexibility and rigor Students usually take four foundation courses and one research methodology course, as well as a large number of electives in their early years, with greater specialization in their areas of interest in the junior and senior years. A senior research project or internship, along with the senior seminar, provides intensive exposure to current educational issues as well as career opportunities. The faculty works closely with students on their senior research projects and internships

DEGREE CONCENTRATIONS

The B.A.E.S. major has seven concentrations—General, Special Education, ESL/Bilingualism, School Psychology, School Counseling, Educational Psychology, and Measurement, Statistics and Evaluation. The general concentration allows students maximum flexibility in creating a program aimed at the study of Education as a discipline. The remaining concentrations have been created to provide opportunities for students to become involved in graduate level study earlier than ordinarily possible, thus creating tighter links to specific professional careers. The selection of one of these concentrations not only gives the student a head start on graduate studies, but provides the opportunity to explore a particular career interest in depth

TRANSFER STUDENTS

5 tudents may transfer to the Department of Educational Studies from any other department in the University An application form must be completed and submitted to the Coordinator of the Bachelor

(varies with specialization)

of Arts in Educational Studies Program and an interview arranged Minimum requirements for transfer include a cumulative gradepoint average of 2.5 in all courses and grades of no less than 2.0 in required EDST courses. Compliance with the minimum requirements does not guarantee acceptance for transfer.

	BACHELOR OF ARTS IN EDUCATIONAL STUDIES EDUCATIONAL STUDIES (Single Major)	
CURRICULUA	M CREDITS	
UNIVERSI	TY REQUIREMENTS	
Three credits	Critical Reading and Writing (minimum grade C-) 3 in an approved course or courses stressing 3 al, ethnic, and/or gender-related content (see p. 20)	
MAJOR RI	EQUIREMENTS	
External to	the College	
Skill Requi		
A writing cou papers with a extended fac	inimum grade C-) 3 urse involving significant writing experience including two a combined minimum of 3,000 words to be submitted for ulty critique of both composition and content (A minimum must be earned)	
Completion of guage. Stude foreign langu	nguage: O-12 of the intermediate-level course (107 or 112) in a given laneats with four or more years of high school work in a single wage may attempt to fulfill the requirement in that language by emption examination.	
Mathemati MATH 114		
or MATH 115 Satisfactory	Pre-Calculus 3 performance on a placement test	
Breadth Re	quirements (See page 60)	
Understandin	g and appreciation of the creative arts and humanities serpresenting at least two areas	
	culture and institutions over time. Twelve credits represent- vo areas.	
Empirically b	ased study of human beings and their environment Twelve lenting at least two areas	
The study of i	natural phenomena through experiment and analysis A hirteen credits representing at least two areas including a one course with an associated laboratory.	
Within the	Department	
EDST 247	Professional Issues: Historical Perspectives 3	
EDST 201	Education in a Multicultural Society	
or EDST 258	Cultural Diversity, Schooling and Teachers	
EDST 304	Educational Psychology: Social Aspects 3	
or EDST 202	Human Development I	
EDST 305	Educational Psychology: Cognitive Aspects 3	
EDST 230	Introduction to Exceptional Children 3	
or EDST 390	Instructional Strategies and Reflective Practice	
EDST 240	Professional Issues: Philosophical Perspectives 3	
EDST 469 EDST 475	Research Project/Internship 3 Senior Seminar 3	
	nal Educational Studies courses in one of the following	
	concentrations:	
EDST 679 EDST 680	Education 9 Methods of Instructing Exceptional Children and Youth Educational Diagnosis Techniques for Behavior Change dents selecting this option must take either EDST 230 or EDST	

Note: Students selecting this option must take either EDST 230 or EDST 697 before enrolling in these courses.

	ESL/Bilingualism 9 EDST 607 Educational Research Procedures EDST/LING 476 Second Language Acquisition and Bilingualism EDST/LING 477 The Structure of English Note: Students who wish to enroll in a bilingual concentration must attain a functional use of a foreign language prior to graduation. This requirement may be satisfied by the successful completion of two courses in a foreign language at the 200-level or above.	
c.	School Psychology 9 EDST 607 Educational Research Procedures EDST 618 Special Services in the School EDST 678 Theories of the Exceptional Child	
D.	School Counseling 9 EDST 607 Educational Research Procedures EDST 618 Special Services in the School EDST 656 School Counseling Services	
E.	Measurement, Statistics and Evaluation 9 EDST 607 Educational Research Procedures EDST 660 Applied Educational Measurement EDST 665 Elementary Statistics	
F.	Educational Psychology 9 EDST 607 Educational Research Procedures EDST 623 Applied Human Development in Schools EDST 629 Psychology of Teaching	
G.	General	
All BAES majors are encouraged to meet with their adviser upon admission to the program in order to learn about the various program concentrations and to begin developing a program plan. Each BAES student is required to select a concentration no later than the end of the sophomore year. Admission to all concentrations requires a grade point average of 2.5 or better overall as well as in the major up to that point. Admission to all 600-level courses requires a minimum grade point average of 3.0 overall as well as in the major.		
(A the	minimum grade of C- must be earned in all courses required within Department)	
EI	LECTIVES	
COL	ctive course work must be approved. At least 18 of these credits must nsist of courses taken outside of the College of Education that con- oute directly to the Educational Studies major.	
CR	EDITS TO TOTAL A MINIMUM OF124	

Degree Options

Within the framework of this program, there are two degree alternatives:

- A. The *single major* option, majoring only in BAES, enables the student to take 41 credits of course work on an approved elective basis. At least 18 of these credits must consist of courses taken outside of the College of Education that contribute directly to the educational studies major. Some examples of courses satisfying this requirement are Child Psychology (PSYC 325); Race, Power and Social Conflict (SOCI 361); Urban Politics (POSC 355); and Contemporary Afro-American Issues (BAMS 205).
- B. The *double major* option requires the student to satisfy the credit requirement (usually 30 or more) in a second discipline of the student's choosing.

Under this option, a student may elect majors in Educational Studies and History; Educational Studies and Psychology; Educational Studies and Sociology, etc.

The availability of these two options provides a considerable amount of flexibility to the student for structuring the type of program most suitable to personal academic aspirations.

REQUIREMENTS FOR A MINOR IN EDUCATIONAL STUDIES

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

EDST 202 Human Development I

or EDST 304 Educational Psychology: Social Aspects

EDST 240 Professional Issues: Philosophical Perspectives EDST 247 Professional Issues: Historical Perspectives EDST 258 Cultural Diversity, Schooling, and the Teacher EDST 665 Elementary Statistics