Purdue University College of Education

2012–2013 Undergraduate Academic Catalog

Purdue University College of Education
Undergraduate Academic Catalog

The 2012-13 Undergraduate Academic Catalogs provide users with information about degree programs offered at the Purdue University West Lafayette campus.

In Fall Semester 2011-12, students were enrolled in 269 undergraduate majors in 10 overarching academic colleges and schools. Some of those students were at the same time taking graduate-level classes and/or pursuing professional degrees.

The information contained in these catalogs is subject to change as a result of action by federal and/or state governments, the trustees of Purdue University and the administration of Purdue University. Questions about the detailed content should be directed to the appropriate University college/school, department or office.

Nondiscrimination Policy Statement

www.purdue.edu/purdue/ea_eou_statement.html

Purdue University is committed to maintaining a community which recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her own potential. In pursuit of its goal of academic excellence, the University seeks to develop and nurture diversity. The University believes that diversity among its many members strengthens the institution, stimulates creativity, promotes the exchange of ideas, and enriches campus life.

Purdue University views, evaluates, and treats all persons in any University related activity or circumstance in which they may be involved, solely as individuals on the basis of their own personal abilities, qualifications, and other relevant characteristics.

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran. The University will conduct its programs, services and activities consistent with applicable federal, state and local laws, regulations and orders and in conformance with the procedures and limitations as set forth in Purdue's Equal Opportunity, Equal Access and Affirmative Action policy which provides specific contractual rights and remedies. Additionally, the University promotes the full realization of equal employment opportunity for women, minorities, persons with disabilities and veterans through its affirmative action program.

Any question of interpretation regarding this Nondiscrimination Policy Statement shall be referred to the Vice President for Ethics and Compliance (www.purdue.edu/ethics) for final determination.

College of Education and Teacher Education

Mission Statement

The College of Education provides leadership through exemplary teaching, research and engagement while embracing collaboration, creativity, respect and diversity. The college's mission is to advance scientific discovery in both applied and scholarly learning; prepare students to become exceptional teachers and education professionals; and maximize educational outcomes through inspired teaching, research and public service.

To further its mission, the College of Education creates knowledge through innovative inquiry and superior scholarship; delivers a contemporary and innovative professional curriculum; empowers faculty, staff and students to effect professional, social and technological change in a global, multi-cultural and diverse society; engages in cross-disciplinary collaboration to seek solutions to critical educational challenges both locally and globally; informs educational programs and policy; and attracts and retains talented and diverse faculty, staff and students.

Organization and Purpose

The College of Education consists of the Department of Curriculum and Instruction and the Department of Educational Studies.

The Department of Curriculum and Instruction offers undergraduate instruction in elementary education and social studies education as well as courses in teaching methods for all programs leading to initial teacher licensure offered at Purdue. At the graduate level, the department offers degree programs in curriculum studies, education for work and community, educational technology, literacy and language education, mathematics education, science education, and social studies education. At the graduate degree level, the department prepares master teachers, curriculum specialists, teacher educators, educational researchers, instructional designers, educational technology specialists and university faculty members.

The Department of Educational Studies offers undergraduate-level and graduate-level instruction in counseling and development, cultural foundations, educational leadership, educational psychology, gifted education, measurement and research methods and special education. At the graduate degree level, the department prepares educational researchers; educational policy analysts; school principals and superintendents; counseling psychologists; school counselors; teacher educators; and specialists in gifted education, measurement and the social and philosophical foundations of education. There is a counseling psychology doctoral program accredited by the American Psychological Association and a school counseling master's program accredited by the Council for the Accreditation of Counseling and Related Educational Programs.

The College of Education offers the Bachelor of Arts (B.A.) degree with licensure majors in elementary education, social studies education and special education and two non-licensure, general education majors. All other Purdue undergraduates who seek teacher preparation are enrolled in the college that provides their academic major. Other information especially relevant to those wishing to pursue programs leading to teaching careers in secondary education may be found through the college in which the academic major is pursued. Specific offerings of the College of Education's curricula and degree requirements are listed in appropriate sections of this website. The two departments of the college offer both introductory and advanced work in various fields.

Teacher Education Program

Purdue University offers programs that prepare students for teaching in early childhood, middle childhood (elementary education), early adolescence (junior high/middle school), adolescence/young adulthood (secondary) and exceptional needs (special education). Program standards, curricula and licensure are in accord with regulations promulgated by the Indiana Department of Education and authorized by the National Council for Accreditation of Teacher Education (NCATE). Descriptions of performance-based programs may vary by content areas. Official

performance-based program guidelines are available via the College of Education Teacher Education website at www.teach.purdue.edu programs. Students seeking additional clarification and guidance should consult with an academic advisor.

A person who already holds a bachelor's degree may wish to complete a teacher education program as an undergraduate or graduate "for licensing only" student. If this option is chosen and a second baccalaureate degree is not desired, please contact the Office of Professional Preparation and Licensure (OPPL) for a transcript evaluation. Eligibility requirements do apply.

Admission to the Teacher Education Program

1. Admission to Purdue University.
2. Admission to the respective academic college (i.e., colleges of Agriculture, Education, Health and Human Sciences, Liberal Arts, Science or Technology). This may require completing the changing of a degree (CODO) process. Students will work with an academic advisor in the teacher education college to initiate and complete this process.
3. Assignment to and guidance by an academic advisor. Consultation with academic advisors on a regular basis ensures that the required criteria are met and coursework and testing are successfully completed in the sequence authorized by the Purdue University Teacher Education Council (TEC).
4. Admission to the Teacher Education Program (TEP). Application to the TEP is a separate and distinct step beyond admission to the University.

Required Criteria and Suggested Time Line

Students need to remain flexible. The length of time to complete the Teacher Education Program is determined by academic progress and career planning. Additional time may be necessary if the student:

- Changes the degree objective or transfers
- Needs to successfully pass required tests
- Needs to overcome a GPA below the required Teacher Education Program standard
- Pursues an additional major or licensure area, and/or
- Encounters other unknown needs or circumstances

Teacher Education Requirements

The following information outlines the assessment of students completing a teacher education program at Purdue University. For the most current information, visit www.teach.purdue.edu/programs. The student must satisfy the criteria for Gates A, B, C and D in order to successfully complete the Purdue University Teacher Education Program (TEP) and Indiana Department of Education (IDOE) licensure requirements. The criteria include:

- For all students admitted to Purdue University for the Fall 2011 semester and enrolled in a TEP course that includes a field experience component/TIP (Theory into Practice), a valid Criminal Background Check must be completed, a Professionalism Agreement signed in the TEP course and a signed Self-Disclosure Statement filed with the Office of Field Experiences (OFE).
- Attend the mandatory Teacher Education Orientation Session during the Block I or CDFS 10000 semester, or prior to the study abroad Block I experience.
- Submit the online TEP Application and Signature Form to OPPL.
- Complete the Basic Skills Competency Assessment requirement. Options include Praxis I tests or Praxis I Alternative for admission to Gate A and successfully pass the Praxis II: Subject Assessment/Specialty Area Test(s) for Gate C. Information regarding Indiana testing requirements is available at www.ets.org/praxis/in/requirements.

- Complete requirements for Gates A, B and C (if admission is denied at Gate A, reapplication is required; an application is not required for Gates B and C).
- Maintain the GPA (overall, content and professional education) requirements established by each program area and the TEC.
- Attend the mandatory Student Teaching Application Workshop one year prior to the student teaching semester. A student must pass through Gates A and B before submitting the Student Teaching Application to OFE. This application serves as a "letter of intent" and does not imply automatic placement. Successful admission to Gate C is required prior to the student teaching semester. For information regarding student teaching and OFE, email fieldexp@purdue.edu or go to www.teach.purdue.edu/field_exp/index.html.
- Reference the Center for Career Opportunities website at www.cco.purdue.edu/student to begin the job search.
- Attend the TEP Licensing Meeting at the end of the student teaching semester.
- Complete Gate D licensure requirements. Details may be found at www.teach.purdue.edu/licensure/index.html.
- Complete the TEP and other state licensure requirements such as the certification in cardiopulmonary resuscitation (CPR), Heimlich Maneuver and the use of an automated external defibrillator (AED). Information about the CPR-Heimlich Maneuver-AED certification requirement is located at www.doe.in.gov/student-services/licensing/cpr-heimlich-maneuver-aed-certification. Please note: Indiana licensing rules and regulations are subject to change by the Indiana Department of Education.
- Sixty (60) days prior to the last day of classes or student teaching experience, complete the IDOE online teacher license application at www.doe.in.gov/student-services/licensing.
- Upon satisfactory completion of the Gate D or exit audit, a Purdue University licensing advisor will make the recommendation for licensing.

Title II Reporting Requirements

Purdue University is in compliance with Title II reporting requirements. Visit www.education.purdue.edu/oppl/2002/title2 to obtain complete details. If you are unable to access this website and would like a copy, contact:

The Office of Professional Preparation and Licensure
Beering Hall of Liberal Arts and Education, Room 3229
100 N. University St.
West Lafayette, IN 47907-2098

Phone: 765-494-2345
Email: licensure@purdue.edu.

Teacher Student Services

College of Education Academic Services

The College of Education's Academic Services offers several types of assistance important to students enrolled in teacher education programs. Students in teacher education programs are academic majors in the colleges of Agriculture, Education, Health and Human Sciences, Liberal Arts, Science, and Technology. The College of Education offers licensure majors in the fields of elementary education, social studies education and special education, and non-licensure general education majors. The Academic Services within the College of Education assists all students in teacher education, regardless of the college in which their major is housed. Services include advising and recruiting, field experiences and licensure.

The College of Education Office of Advising and Recruiting is staffed by professional advisors who are available to assist students academically and personally throughout college. In addition to discussing course selection and registration each semester, academic advisors will help students explore personal, academic and career goals.

In the course of their studies, students may encounter many situations governed by state laws and University regulations. Examples of such situations include meeting teacher licensure requirements, enrolling in courses at other institutions for transfer to Purdue, exploring honors programs, applying to graduate schools, seeking information about educational loans, etc. The academic advisors of the College of Education or the Office of the Dean of Students will be able to advise and assist students in searching for appropriate and accurate information. Students should seek such advice as early as possible after entering Purdue and whenever the need arises during the undergraduate years. A thorough study of this College of Education catalog also is recommended, although it does not contain all University regulations and procedures. From time to time, students will be given notice of required actions (other than those listed in this catalog) through campus mail or electronic mail.

Both prospective students and current students are welcome to contact the College of Education Office of Advising and Recruiting. See www.education.purdue.edu/advising for more information.

The Office of Professional Preparation and Licensure processes students' applications for all teacher education programs, provides information about programs available at Purdue and monitors students' progress for retention within programs. Admission to the Purdue University Teacher Education Programs is a separate and distinct step beyond admission to the University, and the standards for admission to, and retention in, teacher preparation programs are higher than those required to remain in good standing within the University. This office also provides explanation and interpretation of teacher licensing requirements. Students who have completed teacher education programs are evaluated and recommended for licenses. This office maintains licensing records and provides accreditation support.

See www.education.purdue.edu/oppl new address? for more information.

The Office of Field Experiences coordinates all placements in area schools in order to provide students with the early field experiences and student teaching experiences required in all teacher education programs.

See www.education.purdue.edu/fieldexp for more information.

The Technology Resources Center

The Technology Resources Center (TRC) provides curricular materials, instructional resources, and technology support and service for educators. It assists students, pre-service teachers, faculty and staff to ensure that they possess the necessary skills to use technology in support of their professional goals. This includes a 24-workstation computing facility, software and equipment checkout, and an e-Portfolio development site.
See www.trc.purdue.edu.

Graduation Requirements

The requirements for the baccalaureate degree include certification by the dean of the appropriate college that a student has completed his or her plan of study.

Attainment of the objectives of the College of Education is sought in two ways. One is through the specialized knowledge students acquire as they major in one or more of the subject matters offered by the department in the college. The other is through the opportunity to gain skill and knowledge in other areas of learning through a combination of requirements and free electives.

Pass/Not-Pass Grading Option

Students enrolled in the College of Education may elect to take courses under the pass/not-pass option subject to University guidelines as stated in Student Regulations (www.purdue.edu/studentregulations/) and subject to the following College of Education guidelines.

1. A College of Education student may not elect the pass/not-pass option for any course he or she plans to use to fulfill a departmental or College of Education requirement. Required directed electives may not be taken under the pass/not-pass option.
2. A student who passes a course required by the College of Education under the pass/not-pass option while enrolled in another school or college in the University or while enrolled in another university is considered upon transfer to the College of Education to have met the College of Education requirement with a grade of "C-." Such a course must meet Purdue University criteria for transfer courses and must have been accepted by Purdue University.
3. The student will indicate at the time he or she registers which courses are to be taken under the pass/not-pass option. Standard registration procedures such as the rules governing drop/add, withdrawal from courses, etc., will be followed.

Degrees Offered

The College of Education offers the Bachelor of Arts (B.A.) degree in three program areas: elementary education, social studies education and special education. Students seeking preparation in teacher education programs located in the colleges of Agriculture, Health and Human Sciences, Liberal Arts, Science, and Technology are awarded the appropriate degree from the college in which they enrolled.

Abbreviations

Some of the following abbreviations of subject fields are used in the Plans of Study section of this catalog. Alphabetization is according to abbreviation.

AAE — Aeronautical and Astronautical Engineering

AAS — African American Studies

ABE — Agricultural and Biological Engineering

AD — Art and Design

AFT — Aerospace Studies

AGEC — Agricultural Economics

AGR — Agriculture

AGRY — Agronomy

AMST — American Studies

ANSC — Animal Sciences

ANTH — Anthropology

ARAB — Arabic

ASAM — Asian American Studies

ASL — American Sign Language

ASM — Agricultural Systems Management

ASTR — Astronomy

AT — Aviation Technology

BAND — Bands

BCHM — Biochemistry

BCM — Building Construction Management Technology

BGR — Boiler Gold Rush

BIOL — Biological Sciences

BME — Biomedical Engineering

BMS — Basic Medical Sciences

BTNY — Botany and Plant Pathology

CDFS — Child Development and Family Studies

CE — Civil Engineering

CEM — Construction Engineering and Management

CFS — Consumer and Family Sciences

CGT — Computer Graphics Technology

CHE — Chemical Engineering

CHM — Chemistry

CLCS — Classics

CLPH — Clinical Pharmacy

CMPL — Comparative Literature

CNIT — Computer and Information Technology

COM — Communication

CPB — Comparative Pathobiology

CS — Computer Sciences

CSR — Consumer Sciences and Retailing

DANC — Dance

EAS — Earth and Atmospheric Sciences

ECE — Electrical and Computer Engineering

ECET — Electrical and Computer Engineering Technology

ECON — Economics

EDCI — Education-Curriculum and Instruction

EDFA — Education-Foundations and Administration

EDPS — Educational and Psychological Studies

EDST — Educational Leadership and Cultural Foundations

EEE — Environmental and Ecological Engineering

ENE — Engineering Education

ENGL — English

ENGR — First-Year Engineering

ENTM — Entomology

ENTR — Entrepreneurship

EPCS — Engineering Projects in Community Service

FLL — Foreign Languages and Literatures

FN — Foods and Nutrition

FNR — Forestry and Natural Resources

FR — French

FS — Food Science

FVS — Film and Video Studies

GEOG — Geography

GEOL — Geology

GEP — Global Engineering Program

GER — German

GREK — Greek

GS — General Studies

HDFS — Human Development and Family Studies

HEBR — Hebrew

HHS — Health and Human Sciences

HIST — History

HK — Health and Kinesiology

HONR — Honors

HORT — Horticulture

HPER — Health, Physical Education and Recreation

HSCI — Health Sciences

HTM — Hospitality and Tourism Management

IDE — Interdisciplinary Engineering

IDIS — Interdisciplinary Studies

IE — Industrial Engineering

IET — Industrial Engineering Technology

IPPH — Industrial and Physical Pharmacy

IT — Industrial Technology

ITAL — Italian

JPNS — Japanese

JWST — Jewish Studies

LA — Landscape Architecture

LALS — Latina American and Latino Studies

LCME — Lafayette Center for Medical Education

LING — Linguistics

LS — Land Surveying

MA — Mathematics

MARS — Medieval and Renaissance Studies

MCMP — Medicinal Chemistry and Molecular Pharmacology

ME — Mechanical Engineering

MET — Mechanical Engineering Technology

MGMT — Management

MSL – Military Science and Leadership

MUS — Music History and Theory

NRES — Natural Resources and Environmental Science

NS — Naval Science

NUCL — Nuclear Engineering

NUPH — Nuclear Pharmacy

NUR — Nursing

NUTR — Nutrition Science

OBHR — Organizational Behavior and Human Resources

OLS — Organizational Leadership and Supervision

PES — Physical Education Skills

PHAD — Pharmacy Administration

PHIL — Philosophy

PHPR — Pharmacy Practice

PHRM — Pharmacy

PHSL — Physiology

PHYS — Physics

POL — Political Science

PPE — Professional Practice-Engineering

PPT — Professional Practice-Technology

PSY — Psychology

PTGS — Portuguese

RECR — Recreation Leadership

REL — Religious Studies

RUSS — Russian

SA — Study Abroad

SCI — General Science

SLHS — Speech, Language and Hearing Science

SOC — Sociology

SPAN — Spanish

STAR — Summer Transition, Advising and Registration

STAT — Statistics

SWRK — Social Work

TECH — Technology

THTR — Theatre

USP — Undergraduate Studies Program

VCD — Visual Communication and Design

VCS — Veterinary Clinical Sciences

VM — Veterinary Medicine

WOST — Women's Studies

YDAE — Youth Development and Agricultural Education

Suggested Plans of Study

Bachelor of Arts

The plan of study for the Bachelor of Arts degree in the College of Education consists of: (1) the general education requirements, (2) the requirements for the major (or area of concentration) and (3) a sufficient number of elective courses to bring the total credits to 126-143. Due to the importance of preparing teachers and education professionals whose knowledge and skills are current, the College of Education will not accept as credit toward

graduation from any undergraduate program any professional studies course completed 10 or more years prior to graduation.

Purdue University offers performance-based programs, curricula, assessments and licensing in early childhood, middle childhood (elementary education), early adolescence (junior high/middle school), adolescence/young adulthood (secondary) and exceptional needs (special education). We also offer two non-licensing, general education majors. Descriptions of performance-based programs may vary by content areas. Official performance-based program guidelines are available via the Teacher Education website at www.teach.purdue.edu. Students seeking additional clarification and guidance should consult with an academic advisor.

General Requirements

The general requirements specify a minimum involvement in several areas. They have been established to ensure that students have the opportunity to acquire skills in the oral and written use of their own language, in a foreign language and in mathematics. General education requirements also allow significant experience in the fields of science, the arts, the humanities and the social sciences.

Accreditation

In teacher preparation, Purdue University has been accredited by the National Council for Accreditation of Teacher Education, the North Central Association of Secondary Schools and Colleges and the State of Indiana. Licensure requirements for any of the areas (majors) may be obtained from the student advising office of the college the student is enrolled in or from the Office of Professional Preparation and Licensure in the College of Education. A student who has an educational objective not covered in the lists of majors should consult the Office of Professional Preparation and Licensure.

Teacher Licensure Programs

Teaching Majors *(College of Enrollment)*
Agriculture *(Agriculture)*
Biology *(Science)*
Chemistry *(Science)*
Early Childhood Education and Exceptional Needs *(Health and Human Sciences)*
Earth/Space Sciences *(Science)*
Engineering/Technology Education *(Technology)*
English *(Liberal Arts)*
Family and Consumer Sciences *(Health and Human Sciences)*
Health and Kinesiology *(Health and Human Sciences)*
Mathematics *(Science)*
Physical Education *(Health and Human Sciences)*
Physics *(Science)*
Social Studies *(Education)* Historical Perspectives. Economics, and Government and Citizenship
Special Education *(Education)*:
   Dual Program: Mild Intervention and Elementary Education
Visual Arts *(Liberal Arts)*

Additional Licensing Areas

English as a New Language
High-Ability Education
Learning Design and Technology
Reading

Non-Licensure Majors
For those interested in the field of education, but not necessarily teaching in the classroom.

General Education — Curriculum and Instruction
General Education — Educational Studies

Agricultural Teaching

College of Agriculture

Freshman Year

First Semester		**Second Semester**	
(3)	**AGEC 21700** (Economics)	(3)	**COM 11400** (Fundamentals of Speech Communication)
(0.5)	**AGR 10100** (Introduction to the College of Agriculture and Purdue University)	(4)	**ENGL 10600** (First-Year Composition)
(3)	**AGR 12100** (Introduction to Youth Development and Agricultural Education Academic Programs)	(4)	Biological Sciences selective
(3)	**EDCI 27000** (Introduction to Educational Technology and Computing)	(3)	Forestry and Natural Resources selective
(3)	**HORT 10100** (Fundamentals of Horticulture)	(3)	Technical Agriculture selective
(4)	Biological Sciences selective		
(14)		(17)	

Sophomore Year

Third Semester		**Fourth Semester**	
(3)	**CHM 11100** (General Chemistry)	(3)	**CHM 11200** (General Chemistry)
(3)	**EDCI 20500** (Exploring Teaching as a Career)	(3)	**EDPS 23500** (Learning and Motivation)
(3)	**EDCI 28500** (Multiculturalism and Education)	(3)	**EDPS 26500** (The Inclusive Classroom)
(3)	Agricultural Economics selective	(2)	**ENTM 20600** (General Entomology)
(3)	Calculus selective	(1)	**ENTM 20700** (General Entomology Laboratory)
(3)	Welding transfer credits	(3)	**HORT 20100** (Plant Propagation)
		(3)	Technical Agriculture selective
(18)		(18)	

Junior Year

Fifth Semester

(3)   **AGRY 25500** (Soil Science)
(3)   **AGRY 32000** (Genetics)
(3)   **ASM 10400** (Introduction to Agricultural Systems) **or ASM 20100** (Construction and Maintenance)
(3)   **EDST 20000** (History and Philosophy of Education)
(3)   **YDAE 31800** (Coordination of Supervised Agricultural Experience Programs)
(3)   Technical Agriculture elective
(18)

Sixth Semester

(3)   **AGRY 37500** (Crop Production Systems)
(3)   **ANSC 22100** (Principles of Animal Nutrition)
(3)   **YDAE 31900** (Planning Agricultural Science and Business Programs)
(1)   **YDAE 44100** (Field Experience in Agricultural Education Programs)
(3)   Social science or humanities selective (30000+ level)
(3)   Technical Agriculture selective
(16)

Senior Year

Seventh Semester

(3)   **ANSC 35100** (Meat Science) **or FS 16100** (Science of Food)
(3)   **YDAE 44000** (Methods of Teaching Agricultural Education)
(3)   Humanities selective
(3)   International Understanding selective
(3)   Statistics selective
(3)   Technical Agriculture elective
(18)

Eighth Semester

(12)   **EDCI 49800** (Supervised Teaching of Agricultural Education)
(2)   Elective

(14)

Biology Teaching

College of Science, Department of Biology

Life sciences teaching or biology education is a major in the College of Science that challenges students with the study of biological organisms in the physical and chemical world so they may inspire students in a science discipline that is experiencing a knowledge explosion. This program of study meets the requirements for certification to teach biology in the secondary schools of Indiana in addition to meeting the requirements for the Bachelor of Science degree in Biology.

Students pursuing this teaching certification are admitted to the College of Science and work closely with the College of Education to prepare to teach in junior/middle/secondary schools (grades 5-12) by meeting the requirements set by the Teacher Education Council. These requirements are outlined in the Guide to Teacher Preparation and Licensure from the Office of Professional Preparation (OPPL) at www.teach.purdue.edu. Official requirements for the Bachelor of Science degree in Biology may be found at www.science.purdue.edu; click on "Undergraduate Programs."

Biology teaching majors are advised that it is wise to select an additional developmental area, such as middle school, and an additional content area, such as physical science or chemistry.

Students seeking specific information and guidance on this major should consult with an academic advisor in the College of Science for the most current information.

Chemistry Teaching

College of Science, Department of Chemistry

Chemistry education is a major in the College of Science. This program of study meets the requirements for certification to teach chemistry in the secondary schools of Indiana in addition to meeting the requirements for the Bachelor of Science degree in Chemistry.

Students pursuing this teaching certification are admitted to the College of Science and work closely with the College of Education to prepare to teach in junior/middle/secondary schools (grades 5-12) by meeting the requirements set by the Teacher Education Council. These requirements are outlined in the Guide to Teacher Preparation and Licensure from the Office of Professional Preparation (OPPL) at www.teach.purdue.edu. Official requirements for the Bachelor of Science degree in Chemistry may be found at www.science.purdue.edu; click on "Undergraduate Programs."

Students seeking specific information and guidance on this major should consult with an academic advisor in the College of Science for the most current information.

Early Childhood Education and Exceptional Needs

College of Health and Human Sciences, Department of Human Development and Family Studies

Please refer to https://www.hhs.purdue.edu/undergraduatemajors/index.html for the most current and accurate information about options (majors) and course requirements in the College of Health and Human Sciences. If you are unable to access this website, please call 765-494-8533 for a copy of course requirements, or contact:

HHS Undergraduate Student Services

Matthews Hall, Room 126
812 West State St.
West Lafayette, IN 47907-2060

Earth/Space Science Teaching

College of Science, Department of Earth and Space Sciences

Earth/space science education, a major in the College of Science, has a focus on asking the questions, searching for answers and inspiring students to learn about and prepare for stewardship of their world. The earth/science teaching program provides a broad earth science core; a strong background in math, chemistry and physics; and courses in education.

Students completing this program of study meet the requirements for certification to teach earth/space science in the secondary schools of Indiana in addition to meeting the requirements for the Bachelor of Science degree in Earth/Space Science. Students pursuing this teaching certification are admitted to the College of Science and work closely with the College of Education to prepare to teach in junior/middle/secondary schools (grades 5-12) by

meeting the requirements set by the Teacher Education Council. These requirements are outlined in the Guide to Teacher Preparation and Licensure from the Office of Professional Preparation (OPPL) at www.teach.purdue.edu. Official requirements for the Bachelor of Science degree in Earth/Space Science may be found at www.science.purdue.edu; click on "Undergraduate Programs."

Students seeking specific information and guidance on this major should consult with an academic advisor in the College of Science for the most current information.

Elementary Teaching

College of Education, Department of Curriculum and Instruction

Freshman Year

1	ENGL 10600 or 10800	History*	MA 13700	Foreign Language 20100	Science*	
2	English*	Science*	EDCI 27000	MA 13800	History*	Elective

Sophomore Year

3	EDCI 20500	EDCI 28500	Theory into Practice I	MA 13900	EDCI 31100 Science*	Elective
4	EDPS 23500	EDPS 26500	Theory into Practice II	EDCI 32500	EDST 20000	Science*, Social Studies*

Junior Year

5	EDCI 36100	EDCI 32600	Theory into Practice III	HK 32200	Science*, English*	Elective
6	EDCI 36300	EDPS 43000	HK 32000	Theory into Practice IV	English*	

Senior Year

7	EDCI 36400	EDCI 36500	Theory into Practice V	EDCI 37000	AD 20100	MUS 32400 EAS 31200
8	EDCI 49600 (16)	Theory into Practice Capstone				

The professional semester may be taken either semester of the senior year, provided all other professional education coursework has been completed.

* See an academic advisor for specific course requirements.

Engineering/Technology Teaching

College of Technology, Department of Technology Leadership and Innovation

Freshman Year

1	IT 27200	COM 11400	EDCI 27000	PSY 12000	MA 15300
2	IT 11100	CGT 11000	MA 15400	ENGL 10600	TECH 12000

Sophomore Year

3	EDCI 20500	EDCI 28500	EDST 20000	Science Selective	Technical Elective
4	IT 27500	ECET 22400	PHYS 21800	SOC 10000	Technical Elective

Junior Year

5	EDPS 23500	EDPS 26500	TECH 32000	Science Elective	Technical Elective
6	IT 37100	IT 37700	EDCI 30900	TECH 33000	Advanced COM Selective (30000 or higher)

Senior Year

7	IT 47000	IT47100	IT 47200	Advanced COM Selective	Technical Elective (30000 or higher)
8	EDCI 49808				

English Teaching

College of Liberal Arts, Department of English

Freshman Year

1	ENGL 10600 or 10800	Math/Stat*	Other Languages*	Western Heritage*	Elective
2	Math/Stat*	Other Languages*	EDCI 27000	COM 11400	Natural Sciences*

Sophomore Year

3	EDCI 20500	EDCI 28500	ENGL 30100	Other Languages*	ENGL 24000 or 24100	ENGL 22700
4	EDPS 23500	EDPS 26500	ENGL 32700	REQ D*	REQ E*	Other Languages*, Racial and Ethnic Diversity*

Junior Year

5	EDST 20000	ENGL 32800	REQ C*	Natural Sciences*	Gender Issues*	Elective
6	ENGL 35000/ 35100	ENGL 44200	Other Cultures*	ENGL 39100	REQ C*	ENGL 49200

Senior Year

7	EDCE 42200	REQ C*	REQ D*	REQ F*	Elective
8	EDCI 43400 (2)	EDCI 49800 (10)			

* See an academic advisor for specific course requirements.

Family and Consumer Sciences Teaching

College of Health and Human Sciences, Department of Human Development and Family Studies

Please refer to www.hhs.purdue.edu/undergraduatemajors/index.html for the most current and accurate information about options (majors) and course requirements in the College of Health and Human Sciences. If you are unable to access this website, please call 765-494-8533 for a copy of course requirements, or contact:

HHS Undergraduate Student Services

Matthews Hall, Room 126
812 West State St.
West Lafayette, IN 47907-2060

General Education: Curriculum and Instruction (non-licensure)

College of Education, Department of Curriculum and Instruction

The curriculum and instruction major is a non-licensure program that provides educational leadership in an increasingly diverse, interconnected and technology-rich world and that values collaboration, community, diversity, global perspectives, inquiry and reflection. Research on various aspects of educational practices is conducted and disseminated. A focus on theory-into-practice leads to new discoveries in the teaching and learning process across a wide variety of educational contexts.

Sample signature areas of discovery include:

- Challenges of acquiring academic language for English language learners (ELLs).
- The Science Learning through Engineering Design (SLED) project.
- Study abroad and internationalization efforts by colleges and universities.
- Impact of technology on citizenship and citizenship education.
- Postsecondary learner's development of mathematics content knowledge.

This major is highly customizable and includes more than 40 credit hours of electives. For a detailed plan of study, contact the College of Education Office of Advising and Recruiting at education-advising@purdue.edu or 765-494-7962.

General Education: Educational Studies (non-licensure)

College of Education, Department of Educational Studies

The educational studies major is a non-licensure program that provides a strong background in educational theory, practice and research. Research is conducted and disseminated on varied educational aspects of teaching, learning and human development through discovery, teaching and engagement activities. Sample signature areas of discovery include:

- Using assistive technology to support school-based and community-based instruction for students with special needs.
- Developing effective instructional strategies in mathematics problem-solving for students with learning disabilities.
- Developing identification tools and pedagogical models for underserved gifted and talented populations, including students with diverse cultural backgrounds and children who live in poverty.
- Supporting motivation for and learning of science in young children, including children from diverse cultural backgrounds and those living in poverty.
- Supporting students' psychological well-being (e.g., coping with death and dying, suicide prevention, multicultural issues, adult attachment).

This major is highly customizable and includes more than 40 credit hours of electives. For a detailed plan of study, contact the College of Education Office of Advising and Recruiting at education-advising@purdue.edu or 765-494-7962.

Health and Safety Teaching

College of Health and Human Sciences, Department of Human Development and Family Studies

Please refer to www.hhs.purdue.edu/undergraduatemajors/index.html for the most current and accurate information about options (majors) and course requirements in the College of Health and Human Sciences. If you are unable to access this website, please call 765-494-8533 for a copy of course requirements, or contact:

HHS Undergraduate Student Services
Matthews Hall, Room 126
812 West State St.
West Lafayette, IN 47907-2060

Mathematics Teaching

College of Science, Department of Mathematics

Mathematics education is a major in the College of Science. This program of study meets the requirements for certification to teach mathematics in the secondary schools of Indiana in addition to meeting the requirements for the Bachelor of Science degree in Mathematics.

Students pursuing this teaching certification are admitted to the College of Science and work closely with the College of Education to prepare to teach in junior/middle/secondary schools (grades 5-12) by meeting the requirements set by the Teacher Education Council. These requirements are outlined in the Guide to Teacher Preparation and Licensure from the Office of Professional Preparation (OPPL) at www.teach.purdue.edu. Official requirements for the Bachelor of Science degree in Mathematics may be found at www.science.purdue.edu; click on "Undergraduate Programs."

Students seeking specific information and guidance on this major should consult with an academic advisor in the College of Science for the most current information.

Physical Education Teaching

College of Health and Human Sciences, Department of Health and Kinesiology

Please refer to www.hhs.purdue.edu/undergraduatemajors/index.html for the most current and accurate information about options (majors) and course requirements in the College of Health and Human Sciences. If you are unable to access this website, please call 765-494-8533 for a copy of course requirements, or contact:

HHS Undergraduate Student Services
Matthews Hall, Room 126
812 West State St.
West Lafayette, IN 47907-2060

Physics Teaching

College of Science, Department of Physics

Physics education is a major in the College of Science that prepares students to investigate a variety of problems in physics, chemistry, biology and engineering and to inspire them to learn about and solve the challenges of their world. This program of study meets the requirements for certification to teach mathematics in the secondary schools of Indiana in addition to meeting the requirements for the Bachelor of Science degree in Physics.

Students pursuing this teaching certification are admitted to the College of Science and work closely with the College of Education to prepare to teach in junior/middle/secondary schools (grades 5-12) by meeting the requirements set by the Teacher Education Council. These requirements are outlined in the Guide to Teacher Preparation and Licensure from the Office of Professional Preparation (OPPL) at www.teach.purdue.edu. Official requirements for the Bachelor of Science degree in Physics may be found at www.science.purdue.edu; click on "Undergraduate Programs."

Students seeking specific information and guidance on this major should consult with an academic advisor in the College of Science for the most current information.

Social Studies Teaching

College of Education, Department of Curriculum and Instruction

Freshman Year

1	COM 11400	Math*	Social Studies*	Foreign Language 20100	Social Studies*	
2	ENGL 10600 or 10800	Anthropology*	Social Studies*	Social Studies*	Science*	EDCI 27000

Sophomore Year

3	EDCI 20500	EDCI 28500	Theory into Practice I	Humanities*	Social Studies* Social Studies*	Sociology*
4	EDPS 23500	EDPS 28500	Theory into Practice II	Social Studies*	Social Studies*	EDST 2000

Junior Year

5	Social Studies*	Social Studies*	Social Studies*	Social Studies*	Psychology*	Humanities*
6	Social Studies*	Social Studies*	Social Studies*	Social Studies*	Science*	

Senior Year

7	EDCI 42300	Social Studies*	Social Studies*	Social Studies*	Social Studies*
8	EDCI 43300 (2)	EDCI 30900	EDCI 49800 (10)		

The professional semester may be taken either semester of the senior year, provided all other professional education coursework has been completed.

* See an academic advisor for specific course requirements.

Special Education Teaching

Dual Program: Mild Intervention and Elementary Education

College of Education, Department of Educational Studies

Freshman Year

1	ENGL 10600 or 10800	MA 13700	Science*	Foreign Language 20100	EDCI 27000	
2	EDCI 20500	EDCI 28500	Theory into Practice I	MA 13800	EDST 20000	Science*

Summer Optional: EDCI 20500 and EDCI 28500 in Honduras or EDPS 23500 and 26500 in India or Ireland

Sophomore Year

3	EDPS 23500	EDPS 26500	Theory into Practice II	EDPS 27000	EDPS 36200	Science* EDCI 32500
4	EDCI 36100	EDCI 32600	Theory into Practice III	EDPS 36100	EDPS 36400	Science* MA 13900

Summer: History*, English* and Social Studies Choice* or EDCI 36100 and 32600 in Germany, or select one course above + *Summer Optional*

Junior Year

5	EDCI 36300	EDPS 43000	Theory into Practice IV	EDCI 31100	ECON 21900	HK 32600 Science*
6	EDCI 36400	EDCI 36500	Theory into Practice V	EDPS 41000	EDPS 43000	EDPS 45900 EDPS 46000

Summer: English*, English* and Social Studies Choice*

Senior Year

7	EDPS 46100 (6)	EDPS 46200	AD 20100	MUS 32400	Science*
8	EDCI 49600	Theory into Practice Capstone			

The professional semester may be taken either semester of the senior year, provided all other education coursework has been completed.

* *See an academic advisor for specific course requirements.*

Visual Arts Teaching

College of Liberal Arts, Patti and Rusty Rueff School of Visual and Performing Arts

Freshman Year

1	ENGL 10600 or 10800	COM 11400	Math/Stat*	AD 10500	AD 11300
2	Math/Stat*	AD 10600	AD 20000	EDCI 27000 (2)	Elective

Sophomore Year

3	EDCI 28500	EDCI 20500	AD 27500	AD 20200	Other Languages*	AD 22600
4	EDPS 23500	EDPS 26500	AD 22700	AD11700	AD 30300	Elective

Junior Year

5	AD Studio	AD Studio	EDST 20000	AD 38300	AD 30200	Elective
6	Natural Science*	AD Studio	AD 40200	Other Cultures*	Elective	AD Studio

Senior Year

7	Global Perspective*	U.S. Tradition*	AD Studio	Gender Studies*	AD Studio	Natural Science*
8	EDCI 49800 (16)					
	Professional semester					

* See an academic advisor for specific course requirements.

Graduate Study

The Department of Curriculum and Instruction and the Department of Educational Studies, within the College of Education, offer courses and direct research leading to advanced degrees. The degrees offered are the Master of Science (M.S.), Master of Science in Education (M.S.Ed.), the Educational Specialist (Ed.S.) and the Doctor of Philosophy (Ph.D.).

Admission to the Graduate School may be granted to graduates of Purdue or of any other accredited institution. Those who are qualified for original research and scholarly careers may choose to pursue a program of study for the master's and doctoral degrees in the various fields of study. Others may wish to increase professional competence without obtaining a graduate degree by choosing to enroll as a postbaccalaureate student.

For further information about graduate study, contact:

College of Education
Office of Graduate Studies
100 N. University St., Room 3229
West Lafayette, IN 47907-2098

Email education-gradoffice@purdue.edu
Website www.education.purdue.edu/gradoffice

Course Information

https://selfservice.mypurdue.purdue.edu/prod/bwckctlg.p_disp_dyn_ctlg?

Faculty

Visit http://discover.education.purdue.edu/people/welcome.asp

Contact Education

For information about undergraduate programs in the College of Education contact:

Email: education-advising@purdue.edu
Phone: 765-494-7962