COLLEGE OF
# EDUCATION
2010 through 2011 CATALOG

PURDUE
UNIVERSITY

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**PURDUE**

U N I V E R S I T Y

COLLEGE OF EDUCATION

# College of Education
# and Teacher Education

**2010 through 2011**

# Nondiscrimination Policy Statement

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, marital status, parental status, sexual orientation, 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 Executive Memorandum No. D-1 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 questions or concerns regarding the Nondiscrimination Policy Statement shall be referred to the Vice President for Ethics and Compliance for final determination.

# Contents

# Purdue: A World of Possibilities

Consider the impact of Purdue University on your world!

Some of you are Purdue students, poised on the launch pad of your adult life. Others, high school students still trying to zero in on your career path and life mission. Consider looking at your future through the expansive and engaging field of vision Purdue offers in this increasingly global and technologically advanced world.

## *Telescopic View of Purdue*
- Founded in 1869 as Indiana's land-grant university and named for benefactor John Purdue
- Ranks 22nd among the nation's public universities and 61st among all universities by *U.S.News & World Report* (2009)
- Among the largest universities in the United States with a state system-wide enrollment of more than 74,300 at four campuses and 10 Technology Statewide locations throughout Indiana; about 39,700 at the main campus in West Lafayette
- Ranks 9th in *SmartMoney* magazine's "payback" survey, quantifying the long-term value of a college education — or earnings compared to tuition investment (2009)
- Included in The Princeton Review 100 "best value" ranking for offering a high-quality education at a reasonable price (2009)
- Named among the top 20 by The Princeton Review in a variety of campus-life categories, including best athletics, best college newspaper, and best campus food (2009)

## *Discover the World at Purdue*
- A world of choices: 200 majors
- Highly touted programs and graduates in the STEM disciplines (science, technology, engineering, math) and business, liberal arts, and agriculture; several interdisciplinary options
- Culturally diverse campus, with students from more than 125 countries and all 50 states
- Typically ranks No. 1 or No. 2 in international student enrollment among public institutions in the United States
- First university to have its own airport (1930); also the first university to establish a department of computer science (1962)
- Community service experiences available in 175 courses; Engineering Projects in Community Service (EPICS) founded at Purdue, now a popular program nationally
- Incredible research opportunities for students to learn from, and work with, world-renowned faculty in Discovery Park's enviable interdisciplinary centers and laboratory facilities in nanotechnology, biosciences, information technology, alternative fuels, and the study of learning
- Study Abroad programs in 45 countries
- Number of recognized student organizations: 850
- Member of the Big Ten Conference, noted for both academic excellence and competitive athletic programs
- Nationally recognized career preparation track via Professional Practice (co-op and internship) programs
- Some 700 companies recruit on campus, valuing the work ethic of Purdue's new graduates and alumni who have earned a degree that is respected around the world
- Median salary for graduates three years after graduation of $51,400; median salary 15 years after graduation of $90,500 (data from *SmartMoney* ranking, classes of 2005 and 1993)
- Living alumni network of 410,000 world-wide

## *Proven World Leader*
- To date, 22 alumni chosen for space flight — headlined by Neil Armstrong and Gene Cernan, the first and last humans on the moon
- Two Purdue professors in three years received the World Food Prize, considered the Nobel Prize of Agriculture: Philip Nelson (2007) and Gebisa Ejeta (2009); Nelson developed aseptic storage and distribution of processed fruits and vegetables, and Ejeta's research increased sorghum production, which is one of the world's main cereal grains
- Early work by Purdue researchers led to the first successful transmission of a black-and-white television picture

- Purdue graduate Carol Morgan Pottenger, rear admiral in the U.S. Navy, is one of the first women selected for sea duty and the first woman to lead a combat strike group
- Boilermakers Len Dawson, Bob Griese, Hank Stram, and Rod Woodson are all enshrined in the Pro Football Hall of Fame
- Brian Lamb, who started public-affairs channel C-SPAN 30 years ago, is an alumnus
- Don Thompson, president of McDonald's Corp. USA, has a Purdue engineering degree
- More Forbes 800 corporate chief executive officers hold an undergraduate degree from Purdue than from any other public university
- Aviation pioneer Amelia Earhart was a career counselor to women students on campus; gift funds from the Purdue Research Foundation made possible the purchase of Earhart's "Flying Laboratory" used for her ill-fated around-the-world flight attempt
- Basketball coaching legend John Wooden, an Indiana native, led Purdue to the 1932 National Championship
- Orville Redenbacher "the Popcorn King," was a Purdue graduate
- Purdue has graduated more women engineers than any other university, and one in 50 engineers in the United States is Purdue-trained

Academic programs at Purdue are organized within colleges and schools. A brief description of each college and school follows, but we encourage you to visit the Purdue Web site — www.purdue.edu. Plan to spend some time discovering Purdue. You'll find, in the online details, information about the University's academic programs and courses. We appreciate your interest and welcome your questions. You're invited to campus for the "real" Boilermaker experience. You'll see a galaxy of opportunities before you — paths similar to many Boilermakers whose impact has taken them to great heights around the world … and high above it!

## College of Agriculture

Among the nation's highest ranked and most prestigious institutions, the college offers excellent teaching, research, extension, and international programs. More than 40 programs of study prepare life scientists, engineers, business representatives, producers, information specialists, and resource managers for professional careers in the world's food and natural resource systems. See www.ag.purdue.edu/oap.

## College of Consumer and Family Sciences

The college, one of the largest and highest ranked of its kind in the nation, prepares men and women for careers related to the needs of families and consumers. Students can choose a Bachelor of Science degree program from 13 majors in the areas of family studies and child development, consumer sciences and consumer business, hospitality and tourism, nutrition, health and fitness, and education. The Department of Hospitality and Tourism Management also offers an associate degree program. See www.cfs.purdue.edu.

## College of Education

The state-accredited and nationally ranked and accredited College of Education prepares outstanding teachers, instructional leaders, administrators, school counselors, counseling psychologists, curriculum specialists, teacher educators, and educational researchers for the essential roles they play in guiding the education of our youth. Through interdisciplinary instructional programs in teacher education, research in the educational process, and engagement with Indiana schools, College of Education graduates are well prepared for a rewarding career in education. The dedicated and experienced faculty members, some of whom are known internationally as experts in their fields, are respected leaders in a wide range of curriculum areas and are actively engaged in research. Together the students and faculty share a passion for learning, teaching, and changing the world. The college offers undergraduate and graduate degrees in a variety of disciplines. In addition to the teacher education programs offered by the College of Education, teacher preparation programs also are offered through other colleges and schools across campus. See www.education.purdue.edu.

## College of Engineering

The College of Engineering is internationally known for the quality and scope of its programs. Students launch their careers with a common first-year program in the School of Engineering Education. Once they have completed that program, they choose from undergraduate curricula in aeronautics and astronautics, agricultural, biological, biomedical, chemical, civil, computer, construction engineering and management, electrical, industrial, interdisciplinary, materials, mechanical, or nuclear engineering. Every school within engineering offers graduate degree programs. See www.engineering.purdue.edu.

## School of Health Sciences

The school offers a variety of human health-related study areas. Undergraduate programs include environmental health science, general health sciences, medical laboratory science (medical technology), occupational health science (industrial hygiene), and radiological health science (health physics). The general health sciences major requires the selection of a concentration area in pre-medical, pre-dental, pre-occupational therapy, pre-physical therapy, pre-chiropractic, pre-optometry, pre-physician's assistant, or public health. Students completing these programs are prepared to enter the health-related job market or apply to the professional or graduate program of their choosing. At the graduate level, programs of study include health physics, medical physics, occupational and environmental health sciences, radiation biology, and toxicology. See www.healthsciences.purdue.edu.

## College of Liberal Arts

The college offers essentially all of the traditional disciplines of the humanities, social and behavioral sciences, and creative arts. Majors and minors are available in the departments of anthropology, audiology and speech sciences, communication, English, foreign languages and literatures, health and kinesiology, history, philosophy, political science, psychological sciences, and sociology; and in the School of Visual and Performing Arts. Students can prepare themselves in more than 50 majors, including 16 undergraduate interdisciplinary programs. See www.cla.purdue.edu.

## Krannert School of Management

Degree programs include accounting, management, industrial management, and economics. Accounting and management programs focus on finance, marketing, operations, human resources, and strategic planning. The industrial management program combines management and technical education with a manufacturing management, engineering, or science minor. The accounting program combines a management background with extensive education in accounting principles and practices. All programs include coursework in the arts, humanities, and international and cross-cultural aspects of modern business. See www.krannert.purdue.edu.

## School of Nursing

The School of Nursing prepares students from diverse backgrounds for careers as professional nurses. The nationally accredited undergraduate program prepares a student for licensure as a registered nurse (R.N.). A diverse mix of liberal arts, science, and nursing courses gives students a scientific, multidisciplinary education. Small clinical classes give students practical experience in health assessment, maternal child care, mental health, acute care, and community health nursing. This program admits nursing majors at the freshman year and offers early, hands-on clinical courses. The R.N.-to-B.S. program allows registered nurses to complete their baccalaureate requirements. The Second Degree Baccalaureate Program allows students who hold a degree in another field to pursue a B.S. in Nursing. The master's degree program prepares pediatric nurse practitioners and adult nurse practitioners, and offers a post-master's oncology certification. A graduate nursing consortium with the Purdue Schools of Nursing at Calumet and Fort Wayne offers various specializations. The Doctor of Nursing Practice (D.N.P.) delivers a post-baccalaureate to practice doctorate curriculum. See www.nursing.purdue.edu.

## School of Pharmacy and Pharmaceutical Sciences

The school offers an accredited professional program leading to the Doctor of Pharmacy degree. This program combines a basic and applied science background as well as clinical experience allowing students to function as licensed pharmacists to provide pharmaceutical care. The prepharmacy curriculum can be taken either through Purdue's prepharmacy program or at another institution. It typically takes a minimum of two to three years of academic study to meet the pre-pharmacy course requirements. The school also has a four-year, non-licensure-eligible B.S. in Pharmaceutical Sciences degree designed for entry-level pharmaceutical industry positions or as a foundation for advanced education. See www.pharmacy.purdue.edu.

## College of Science

Actuarial science, biological sciences, chemistry, computer science, earth and atmospheric sciences, mathematics, physics, statistics, math and science secondary school teaching, and inter-

disciplinary science programs prepare students for immediate careers or advanced study. Pre-medical, pre-dental, and pre-veterinary options; a Professional Practice (co-op) program; study abroad; and honors programs are available. Students may pursue official minors in other areas outside their major. Enrollment in sciences while deciding on a major in any field is encouraged. A highly qualified faculty, state-of-the-art facilities, and ongoing research keep teaching up to date. See www.science.purdue.edu.

### College of Technology

The eight departments and 23 concentrations in the College of Technology prepare students to meet the technological needs of business, industry, and government. Technology students begin taking courses in their majors as early as their freshman year. Courses and other opportunities allow students to experience a variety of hands-on, real-world applications. The college awards associate's, bachelor's, and graduate degrees. See www.purdue.edu/technology.

### School of Veterinary Medicine

This professional school has assumed a leading position nationally and internationally in educating the veterinary medical team. The school is fully accredited and is one of only 28 in the United States that grant the Doctor of Veterinary Medicine (D.V.M.) degree. The Veterinary Technology Program is accredited by the American Veterinary Medical Association (AVMA) and awards Associate of Science and Bachelor of Science degrees. The Associate of Science degree is also offered via distance learning. The Veterinary Technology Program at Purdue is one of only three AVMA-accredited programs administered by a school of veterinary medicine. See www.vet.purdue.edu.

### The Graduate School

The Graduate School oversees more than 70 programs of graduate study and research that lead to advanced degrees. Purdue graduate students engage in relevant coursework and cutting-edge research that lead to master's and doctoral degrees in agriculture, consumer and family sciences, education, engineering, health sciences, liberal arts, management, nursing, pharmacy, science, technology, veterinary medicine, and a variety of exciting interdisciplinary programs. The Graduate School also offers several graduate-level, academic credit certificate programs and combined (undergraduate/graduate) degree programs. For details about the Graduate School at Purdue, visit www.gradschool.purdue.edu.

# College of 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 the areas of learning, both applied and scholarly; prepare students to become exceptional teachers and intellectual leaders in education; and maximize educational outcomes through inspired teaching, research and public service.

To further the mission, the College of Education strives to create knowledge through innovative inquiry and superior scholarship; deliver a contemporary and innovative professional curriculum; empower faculty, staff and students to effect professional, social and technological change in a global, multi-cultural and diverse society; engage in cross-disciplinary collaboration to seek solutions to critical educational challenges both locally and globally; inform educational programs and policy; and attract and retain 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- 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 majors in elementary education, social studies education, and special education. 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 bulletin. 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 Web site at www.teach.purdue.edu/licensure. 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 for a transcript evaluation. Eligibility requirements do apply.

**Title II Reporting Requirements.** Purdue University is in compliance with Title II reporting requirements. Please visit www.education.purdue.edu/title2 to obtain complete details. If you are unable to access this Web site, please contact the Office of Professional Preparation and Licensure at Beering Hall of Liberal Arts and Education, Room 3229; 100 N. University Street; West Lafayette, IN 47907-2098 for a copy of the report.

## 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.education.purdue.edu/oppl/program.html. The candidate must:

- Attend the Office of Professional Preparation and Licensure Teacher Education Orientation during Block I or CDFS 10000;
- Submit the Application/Signature Form to the licensure office;
- Complete Gates A, B, and C (an application is not required for Gate B or C);
- Complete Gate D licensure requirements;
- Apply for the State of Indiana license through the Office of Professional Preparation and Licensure upon successful completion of the program and other possible state requirements such as the cardiopulmonary resuscitation (CPR) certificate.

### Required Criteria and Suggested Time Line

**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 you are:

**a)** changing your degree objective or transferring, **b)** overcoming a GPA below the required teacher education program standard, **c)** pursuing an additional major or licensure area, or **d)** encountering other unknown needs or circumstances.

### Before the First Semester:

1. Admission to Purdue University.
2. Admission to the respective academic college, i.e., Agriculture, Consumer and Family Sciences, Education, Liberal Arts, Science, or Technology.
3. Assignment to and guidance by an academic advisor.

Consult with your academic advisor regularly to ensure that the required criteria are met and coursework is successfully completed in the sequence authorized by the Purdue University Teacher Education Council.

### Requirements for Passing through Gate A

(A Teacher Education Program Application/Signature Form is required. See #7.)

1. Complete required courses for Gate A, with no grade lower than a "C":
   - Most program areas—Block I (EDCI 20500, EDCI 28500)
   - Early Childhood Education—CDFS 21000
2. Maintain a minimum overall GPA as established by the program area.
3. Maintain a professional education GPA of 3.0/4.0 with no grade lower than a "C" and no Incomplete ("I") for any professional education course. Courses include EDCI, EDPS, and EDST courses, in addition to courses designated by a program area as professional education courses.
4. Maintain a minimum content/major GPA as established by the program area.
5. Meet satisfactory assessment of the initial portfolio as defined by faculty. Early Childhood Education (ECE) majors, see Unit Assessment Component Chart for ECE.
6. Meet Praxis I: Pre-Professional Skills Tests (PPST) or Computerized PPST with the following scores:
   - Reading: 176 or above
   - Writing: 172 or above
   - Mathematics: 175 or above

All scores must be officially submitted by the Educational Testing Service to Purdue University; code RA #1631 or WLAF as a score recipient. For more details, please refer to the Teacher Education Program Testing Information sheets available in the Office of Professional Preparation and Licensure; Beering Hall, Room 3229; 100 N. University Street; West Lafayette, IN 47907-2098.

7. Submit a completed and signed teacher education Application/Signature Form to the Office of Professional Preparation and Licensure if all of the above requirements have been met or will be met by the end of the semester (or summer session if enrolled in summer classes). The application may be marked to hold for current semester grades or test score reports. See application for due dates. A student must be enrolled in the college that houses the teacher education major in order to apply for Gate A.

The student's signature on the Signature Form acknowledges that s/he will read the teacher education information at www.teach.purdue.edu/licensure, referring to it regularly in order to remain informed of standards and responsibilities to the Teacher Education Program process. The signature also confirms understanding of the following:

- Limited Criminal History Reports may be required throughout the Teacher Education Program for field experiences, and a report will be required for licensing.
- Purdue University will check Zachary's Law Registry periodically.
- The Indiana Department of Education will review misdemeanor/felony convictions at the time of licensing.
- Consent to release personal information and Social Security number to the State of Indiana and other state/federal departments of education as well as provide a signed and valid CPR certificate.

8. Receive written notification of status through Gate A from the Office of Professional Preparation and Licensure.
9. If denied admission, reapplication is required.

**Student Teaching Application Workshop Information.** If you plan to student teach during the fall semester, you must apply in October of the preceding academic year. If you plan to student teach during the spring semester, you must apply in November of the preceding academic year. You must visit the Office of Field Experiences (OFE) to sign up for an Application Workshop to receive a pass code in order to complete the online Student Teaching Application on the Internet.

*Note:* For student teaching information, see the Office of Field Experiences (OFE) Web site at www.education.purdue.edu/fieldexp or e-mail fieldexp@purdue.edu. This application serves as a "letter of intent" and does not imply automatic placement, as a student must successfully complete Gates A, B, and C requirements before student teaching.

### Requirements for Passing through Gate B

Requirements for Passing through Gate B must be met in order to continue in the program, including eligibility for study abroad block courses. (No Teacher Education Program application is required for Gate B, although a Student Teacher Application must be submitted. See "Note" below.)

1. Complete required courses for Gate B, with no grade lower than a "C":
   - Most program areas—Block II (EDPS 23500, EDPS 26500)
   - Early Childhood Education—CDFS 21300 (grade of "B"), CDFS 31000, CDFS 31800, and EDPS 26000 or 26500
   - Special Education—Block II (EDPS 23500, EDPS 26500), EDPS 27000, and EDPS 46000
2. Maintain a minimum overall GPA as established by the program area.
3. Maintain a professional education GPA of 3.0/4.0 with no grade lower than a "C" and no Incomplete ("I") for any professional education course. Courses include EDCI, EDPS, and EDST courses, in addition to courses designated by a program area as professional education courses.
4. Maintain a minimum content/major GPA as determined by the program area.
5. Meet satisfactory assessment of the beginning portfolio as defined by faculty. Early Childhood Education (ECE) majors, see Unit Assessment Component Chart for ECE.
6. Request a Limited Criminal History Report if required for field experiences throughout the Teacher Education Program. The Zachary's Law Registry also will be checked periodically.
7. Failure to meet or comply with the above requirements will result in removal from methods courses.
8. Receive written notification of status through Gate B from the Office of Professional Preparation and Licensure.

*Note:* For student teaching information, see the Office of Field Experiences (OFE) Web site at www.education.purdue.edu/fieldexp or e-mail fieldexp@purdue.edu. A student must pass through Gates A and B before submitting the Student Teaching Application form to OFE. This application serves as a "letter of intent" and does not imply automatic placement.

### Requirements for Passing through Gate C

(No Teacher Education Program application is required.)

1. Complete required courses for Gate C, with no grade lower than a "C":
   - Most program areas—Specific methods courses
   - Early Childhood Education—CDFS 40500, CDFS 40600, and CDFS 40800 with grades of "B"
   - Elementary Education—Block III (EDCI 36100 and EDCI 36200), Block IV (EDCI 36300 and EDCI 37000), and Block V (EDCI 36400, EDCI 36500, and EDPS 43000)
2. Pass Praxis II: Subject Assessments/Specialty Area Tests required by the Indiana Department of Education for licensing. For information on required tests and passing scores, please consult the Teacher Education Program Testing Information sheets and the Educational Testing Service Web site at www.ets.org/praxis.

   *Note:* Praxis II must be passed before being allowed to student teach. Praxis II tests are only offered seven times a year and must be registered for in advance.
3. Maintain a minimum overall GPA as established by each program area.
4. Maintain a professional education GPA of 3.0/4.0 with no grade lower than a "C" and no Incomplete ("I") for any professional education course. Courses include EDCI, EDPS, and EDST courses in addition to courses designated by a program area as professional education courses. All professional education coursework should be completed prior to student teaching.
5. Maintain a minimum content/major GPA as established by each program area. Most, if not all, content courses should be completed before student teaching.
6. Meet satisfactory assessment of the developing portfolio as defined by faculty.

7. Receive written notification of status through Gate C from the Office of Professional Preparation and Licensure.

8. Successful completion of requirements through Gate C of the Teacher Education Program allows the Office of Professional Preparation and Licensure to authorize the student to enter the student teaching semester. For information regarding student teaching placement, please see the Office of Field Experiences (OFE) Web site at www.education.purdue.edu/fieldexp or e-mail OFE at fieldexp@purdue.edu.

9. Student Teaching Information. To be eligible to student teach, a candidate must have applied and been admitted to the Teacher Education Program and have passed through Gate C. For information regarding student teaching placement, please see the Office of Field Experiences (OFE) Web site at www.education.purdue.edu/fieldexp or e-mail fieldexp@purdue.edu.

10. Request a Limited Criminal History Report if required for field experiences. The Zachary's Law Registry also will be checked periodically.

11. Begin job search through the Center for Career Opportunities at www.cco.purdue.edu/student.

### *Requirements for Passing through Gate D*

(License application is required. See #9.)

1. Student teach.
   - Professional education courses, including methods courses, must be successfully completed before student teaching.
   - You may student teach only after passing through Gate C.
   - A grade of "C" or above must be earned in EDCI/EDPS 49600, 49800, 49900, or CDFS 45000 Supervised Teaching.

*Note:* For more information regarding student teaching, please see the Office of Field Experiences (OFE) Web site at www.education.purdue.edu/fieldexp or e-mail fieldexp@purdue.edu.

2. Maintain a minimum overall GPA as established by each program area.

3. Maintain a professional education GPA of 3.0/4.0 with no grade lower than a "C" and no Incomplete ("I") for any professional education course. Courses include EDCI, EDPS, and EDST courses, in addition to courses designated by a program area as professional education courses.

4. Maintain a minimum content/major GPA as established by each program area.

5. Meet satisfactory assessment of the proficient portfolio as defined by faculty.

6. Continue to meet all criteria for passing through Gates A, B, and C.

7. Request a Limited Criminal History Report for licensure. The Zachary's Law Registry also will be checked periodically.

8. Receive degree. Recommendation for licensure is contingent upon the posting of the degree on the transcript. All encumbrances must be paid.

9. Apply for an Indiana Teaching License, even if leaving the State of Indiana. For more details, consult the Indiana Licensure instruction packet provided by the Office of Professional Preparation and Licensure at the Student Teacher Orientation. The online license application may be submitted two months prior to the last day of required courses. Purdue University will make a recommendation for licensing upon completion of all licensure requirements.

*Note:* The following questions will be asked by the Indiana Department of Education Division of Professional Standards on the license application:

- Have you ever had a credential, certificate, or license to teach denied, revoked, or suspended in Indiana or in any other state?
- Have you ever been convicted of a felony?
- Have you been convicted of a misdemeanor other than minor traffic violations since January 15, 1994?

  If a conviction of a misdemeanor or felony (including a suspended sentence) is documented, the applicant will be required to submit a written explanation and copies of court records with the license application. The Indiana Department of Education is solely responsible for the review of and response to misdemeanor or felony convictions.

10. Apply for licensure in other states, if desired. Contact the licensing office in the particular state and request application materials. Consult the National Association of State Directors of Teacher Education and Certification at www.nasdtec.org/jurisdictions.php for Web sites, addresses, and telephone numbers.

*Note:* For additional licensing, apply for renewal or submit a request for an evaluation through the Office of Professional Preparation and Licensure if coursework is to be completed through Purdue University.

# Admissions

## Admissions Inquiries and Procedures

The information that follows is a basic overview of the undergraduate admission process. For the most current information regarding admission procedures, deadlines, and criteria, visit www.admissions.purdue.edu or contact the Office of Admissions; Purdue University; Schleman Hall; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; admissions@purdue.edu; (765) 494-1776. Prospective students also are encouraged to visit the Web site to sign up for the Office of Admissions contact list to receive mail and e-mail from Purdue.

## Application Deadlines

**High school students** are strongly encouraged to apply for admission very early in their senior year, and some programs have specific deadlines. There also are specific deadlines for **transfer students.** Current application and scholarship deadlines are posted on the undergraduate admissions Web site.

## Freshman Admissions Criteria

Applications are reviewed on an individual and holistic basis. First and foremost, applicants must be prepared academically for the rigors of college and the academic demands of the major to which they are seeking admission. In its review of each applicant, Purdue considers the following factors: high school coursework, grades, strength of curriculum, academic trends, class rank, core and overall grade point average, SAT or ACT test score, personal statement, personal background and experiences, and space availability in the intended major.

## Transfer Admissions Criteria

College students who want to transfer must have completed minimums of 12 to 24 semester credit hours of college-level coursework prior to enrollment at Purdue. Minimum credit-hour requirements will vary based on each student's high school and/or college academic credentials. Criteria for transfer admission vary widely based on the major to which the student is applying.

All programs have minimum GPA requirements, and some have college coursework prerequisites. The Office of Admissions Web site has the most current information about admission criteria and processes as well as about transferring credit.

## Early Registration — STAR

Student Access, Transition and Success Programs (SATS) invites you to campus for one day of early registration during the summer before your first semester as a new student. Summer Transition, Advising, and Registration (STAR) is a day set aside for you to meet with your academic counselor and register for first-semester classes. The University will mail you a fee statement.

## Student Orientation and Support Programs

Student Access, Transition and Success Programs (SATS) is responsible for the coordination of initiatives that help you prepare for, transition into, and succeed as a student in Purdue University's academically rigorous environment.

SATS, a division of the Office of Enrollment Management, offers several programs to help beginning and transfer students adjust to Purdue. Boiler Gold Rush is organized for new, beginning students and transfer students, and it includes a variety of activities designed to help you make a smooth transition into Purdue. Students who begin their studies at other times of the year also have the opportunity to participate in orientation. Invitations to those different programs are mailed to you at the appropriate times.

SATS programs include Summer Transition, Advising, and Registration (STAR); Common Reading; Learning Communities; Orientation Programs (such as Boiler Gold Rush and Welcome Programs); Parent and Family Programs; the Purdue Promise program; and the West Central Indiana Regional Twenty-first Century Scholars site. For more information on any of these programs, please visit www.purdue.edu/sats, e-mail sats@purdue.edu, or phone (765) 494-9328. The SATS address is Stewart Center, Room G77A; 128 Memorial Mall Drive; West Lafayette, IN 47907.

# International Students

If you are an applicant from another country, your application and supporting documents will be evaluated by the staff in the Office of International Students and Scholars. You will be admitted on the basis of credentials certifying the completion of preparatory studies comparable to requirements for United States citizens applying at the same entry level. Guidelines for determining admissibility are specified in the "Admissions Criteria" section of this publication. English translations must accompany transcripts and other credentials. You also must submit satisfactory evidence of your ability to comprehend English as shown by a TOEFL (Test of English as a Foreign Language) score of at least 550 (213 computer-based score, 79 Internet-based score). The minimum score for First-Year Engineering applicants is 567 (233 computer-based score, 88 Internet-based score).

You must furnish sufficient evidence of adequate financial support for your studies at Purdue.

The Office of International Students and Scholars will assist you in entering the United States and the University. The office also will provide other services such as orientation programs, immigration advising, and personal and cross-cultural counseling. See the Web site at www.iss.purdue.edu.

# Military Training

Reserve Officers' Training Corps (ROTC) is available for all men and women who are full-time students. You can pursue military courses in conjunction with the academic curriculum and receive academic credits. If you complete the program, you will receive a commission as an officer in the Army, Navy, Marine Corps, or Air Force. You do not incur a commitment until you are accepted into the program and enroll in the third-year course or accept an ROTC scholarship. Scholarships that assist with tuition, incidental fees, and textbooks are available through all four services. A monthly allowance is available for students who sign a contract. Additional information is available in the College of Liberal Arts catalog, or you can contact any of the military departments directly. All ROTC offices are located in the Armory.

# Proof of Immunization

Indiana state law requires proof of immunization for the following vaccine-preventable diseases as condition of enrollment on residential campuses of state universities: measles, mumps, rubella, diphtheria, and tetanus. In addition, international students must provide documentation that they have been tested for tuberculosis after arriving in the United States. Information regarding compliance will be forwarded to all admitted students.

# Purdue Across Indiana

The Purdue academic system extends across the state with academic programs at four system campuses and several College of Technology locations.

### System Campuses

Admission to these system campuses is administered by the admissions department at each campus. These campuses include:
- Indiana University-Purdue University Indianapolis (IUPUI) — Indianapolis, Indiana
- Indiana University-Purdue University Fort Wayne (IPFW) — Fort Wayne, Indiana
- Purdue North Central — Westville, Indiana
- Purdue Calumet — Hammond, Indiana

### College of Technology Statewide

Admission to College of Technology Statewide locations is administered by the Office of Admissions at Purdue's West Lafayette campus. College of Technology Statewide locations include:
- Anderson
- Columbus
- Greensburg
- Indianapolis
- Kokomo
- Lafayette
- New Albany
- Richmond
- South Bend
- Vincennes

For more information about The Purdue System-wide campuses and College of Technology Statewide locations, visit www.purdue.edu and click on "Purdue Across Indiana."

# Expenses

The cost of attending Purdue University varies, depending on a variety of factors, including where a student chooses to live; travel expenses; food costs; enrollment in a special program; date of entry; the college or school in which you are enrolled; etc. Basic minimum costs for the two-semester 2009–10 school year on the West Lafayette campus are shown in the following table. Some academic programs may have additional fees. Contact the department if you have questions.

Full-time students are charged a general service fee, a technology fee, and a repair and rehabilitation fee. The general service fee provides students with access to a variety of services and privileges such as access to the Recreational Sports Center and the Boilermaker Aquatic Center for recreational sports activities. It also allows deep-discount ticket prices for most Convocations-sponsored events and for Intercollegiate Athletics contests with presentation of a student ID card.

With payment of full fees, students have access to the Purdue Student Health Center that covers medical clinical office visits, nutrition consultations, health education services, and a limited number of sessions for psychological counseling. Additional fees are charged for lab, x-ray, urgent care, physical therapy, and other services.

The technology fee is used to enhance student access to the campus networks, computer laboratories, and electronic access to information and databases. Technology fee funds are used to equip classrooms with computer and video projection equipment.

The Repair and Rehabilitation fee is assessed to address maintenance funding for buildings and infrastructure on campus, and funds received from the fee will be dedicated to building and infrastructural needs. The establishment of the fee is a result of growing unfunded needs to address critical building and infrastructural upkeep.

Miscellaneous personal expenses include such items as clothing, transportation, telephone, newspapers and magazines, dry cleaning and laundry, entertainment, etc.

### 2009–10 Estimated Costs West Lafayette Campus
### (Fall and Spring Semesters)

| Items | Indiana Resident | Nonresident |
| --- | :---: | :---: |
| Tuition/Fees | $8,638*† | $25,118*† |
| Room/Board | 8,710 | 8,710 |
| Books/Supplies | 1,220 | 1,220 |
| Travel | 310 | 480 |
| Miscellaneous | 1,760 | 1,760 |
| **Total** | **$20,638** | **$37,288** |

\* *First-time students enrolled at the West Lafayette campus beginning in the Summer 2009 Session and thereafter pay these fees. Undergraduate, graduate, and professional students who were enrolled as degree-seeking students prior to the Summer 2009 Session may be eligible for lower fees based upon continuous enrollment. Please see the University Bursar's Web site at www.purdue.edu/bursar for more information regarding rates.*

† *Your budget can vary, depending on your state of residence and the type of housing and academic program you select. Some programs have additional fees: Engineering, $1,000; Management, $1,274; Technology, $500; Flight, individual courses in the program have additional fees that can be reviewed at www.purdue.edu/bursar or by contacting the Department of Aviation Technology. International students pay an additional $60 per semester.*

*Rates and refund schedules are subject to change without published notice.*

## Refunding of Fees and Tuition

Registered students who find it necessary to cancel their registration before the beginning of classes, upon the recommendation of the registrar, will receive a 100 percent refund of all fees and tuition.

### Non-Title IV Aid

Students who withdraw during the first six weeks of a semester, with the recommendation of the registrar, will receive a partial refund of the general service fee and tuition. More specifically, the percentage of refund is determined as follows:

**Fall or Spring Semester**
1. Withdrawal during the first or second week, 80 percent refund
2. Withdrawal during the third or fourth week, 60 percent refund
3. Withdrawal during the fifth or sixth week, 40 percent refund

No portion of the technology fees, repair and rehabilitation fees, or academic building facilities fee will be refunded once classes begin.

### Title IV Aid

Once classes begin, refunds are prorated based on the date of withdrawal from class(es). Refunds are based on a diminishing scale through 60 percent of the semester. Refunds are calculated on all fees and tuition.

### Summer Modules

Refunds for summer modules are proportionate on the same basis as semester refunds.

# Financial Aid

To ensure that all students have an opportunity to obtain a college education regardless of their financial circumstances, Purdue University, through the Division of Financial Aid, administers a fourfold program of scholarships, grants, employment opportunities, and loans.

The Purdue University Division of Financial Aid administers federal, state, and University financial assistance programs. These programs require students to have a high school diploma or GED. Most types of aid also are based upon financial need and satisfactory academic progress. Students must submit a Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov to be considered for all types of financial aid. Students should apply early for Purdue financial aid. Eligible FAFSAs submitted by March 1 will receive preference in the awarding of aid.

Families are welcome to visit the campus to discuss the types of available aid and the application procedure. Walk-in counselors are available from 9:00 a.m. to 5:00 p.m. on Monday, Tuesday, Wednesday, and Friday, and from 1:00 to 5:00 p.m. on Thursday. Telephone counselors are available from 8:00 a.m. to 5:00 p.m. Monday through Friday at (765) 494-0998. Computer access to student aid status is available at mypurdue.purdue.edu.

## Resident Assistants

University Residences has a plan whereby graduate and undergraduate students who are at least 21 years of age can be hired as a resident assistant (RA). An RA devotes approximately 20 hours each week to his or her duties in this capacity, with most of the time scheduled during evenings and weekends. Compensation for an RA position includes reduced tuition, room and board, and a small stipend. Applications and additional information for those interested in becoming a resident assistant can be found at www.housing.purdue.edu.

# Living Accommodations

University housing facilities and programs are available to all students based on Purdue's policy of equal opportunity regardless of national origin, race, religion, color, or sexual orientation. It is the University's desire and expectation that all others providing housing or services to Purdue students will do so in a manner consistent with this policy. However, the University does not approve or disapprove specific housing accommodations since it believes that the choice of housing rests with you, the student.

As a Purdue student, you have a variety of choices when it comes to choosing your new home while attending school. You can live in one of 15 University Residences, a fraternity or sorority house, cooperative housing, or in a privately operated facility within the local community.

Apply for on-campus housing as soon as you have a confirmed interest in attending Purdue. You will need to pay a $100 nonrefundable housing application processing fee (not a deposit).

Apply online at www.housing.purdue.edu, where you can fill out your housing application, choose your preferences, and sign your housing contract. The site also will prompt you to fill out an online preference form, which will be used to assign your residence and match you with a compatible roommate. If you want to live with a friend, both you and your friend must rank your residence preferences in the same order and request the other as a roommate.

May 1 is the housing application deadline. Because the University does not guarantee on-campus housing, it is important that students meet this deadline. Students who apply for housing after the May 1 deadline will be assigned to a residence if space is available. First-year students are not required to live on campus.

Students who apply and sign a housing contract by May 1 will be assigned a random number that will be used to establish priority for hall choice in the housing assignment process. Changes to, or cancellation of, your housing contract may be made until 11:59 p.m., April 30. (Please remember to re-sign the contract if you have made a change to your housing preferences.) Your housing contract becomes binding on May 1. As of that time, your contract can only be cancelled if you do not attend Purdue University during the contract period.

Students requiring special accommodations should contact the University Residences Director's Office at (765) 494-1000 to discuss their particular needs when their housing application is submitted.

The Office of the Dean of Students offers assistance to students seeking off-campus housing. After being admitted, students should contact the Office of the Dean of Students as early as possible to begin their search for off-campus housing: visit www.purdue.edu/odos, e-mail offcampushousing@purdue.edu, or call (765) 494-7663.

## University Residences for Undergraduate Men and Women

University Residences provides accommodations for approximately 10,541 single undergraduate men and women.

The all-male residences include Cary Quadrangle, providing accommodations for 1,166 students, and Tarkington, providing space for about 706 students.

Seven University Residences — Earhart, Harrison, Hillenbrand, McCutcheon, Owen, Shreve, and Wiley — house approximately 800 students each, and Meredith Hall accommodates 620 students. These are coeducational units with male and female students assigned to separate areas of each building.

Duhme, Warren, Wood, and Vawter halls comprise the all-women's residences for the 2009–10 academic year and are referred to as Windsor Halls. Windsor Halls provide accommodations for 595 students.

First Street Towers opened to Purdue sophomores, juniors, and seniors for the Fall 2009 Semester. Each of the main residential floors of First Street Towers contains two clusters of 22 single rooms with private baths, for 356 residents.

All University Residences contain generous lounge space, recreation areas, kitchenettes, study spaces, and post office facilities.

As a student, you may choose from four meal plans consisting of 10, 12, 15, or 20 meal swipes a week, as suits your lifestyle. University Residences offers students who are 19 years

of age or older by August 21, 2009, the Boiler Block Plan, consisting of a block of 246 meal swipes. With this plan, you may use your meal swipes as often as you wish. All meal plans include Dining Dollars, which may be used to buy additional food items at University Residences' Dining Services retail operations, such as grills and mini-marts. You may eat at any University Residences' Dining Services facility by using your University ID card.

Computer labs are available in McCutcheon, Meredith, and Tarkington halls. In addition, two computers and a public printer are available in every residence that does not have a computer lab so residents are able to check e-mail and print documents as needed. Residents will have ResNet, a high-speed Internet service, in their room without paying an additional fee.

Room and board rates for the 2009–10 academic year vary from $6,906 to $14,204, depending on your chosen meal plan option, residence, and room size.

Approximately 550 spaces in Hawkins Hall are reserved for assignment to older undergraduate students. Meal plans are not available for residents of Hawkins Hall. Residents of Hawkins may purchase either the Open Dining Card or use BoilerExpress for dining in any University Residences dining facility. Accommodations in Hawkins Hall are on a room-only basis. The cost for a room in Hawkins Hall for the 2009–10 academic year ranges from $375 to $696 a month depending on the type of room selected.

More than 1,000 spaces for single undergraduate students are available in Hilltop Apartments. The apartments house two or three students and are available for both single male and female students. All normal policies and regulations of University Residences apply to the apartments. Students living in the apartments may choose a meal plan that allows access to any University Residences Dining Services facility, or they may choose a room-only option. The room and board rate for the 2009–10 academic year in Hilltop Apartments ranges from $8,940 to $10,866 a year depending upon the apartment and meal plan selected.

Rates quoted are subject to change as approved by the Board of Trustees and undoubtedly will be somewhat higher during the 2010–11 period of this publication.

Visit www.housing.purdue.edu for additional information.

# Accommodations for Married Students/Families

Purdue Village provides students with families convenient housing within a one-mile walking distance of campus and is convenient to shopping and bus routes. The family apartments, operated by University Residences, are unfurnished and equipped with a stove and refrigerator. There are one-bedroom and two-bedroom apartments for families; the two-bedroom apartments include washers and dryers.

One-bedroom family apartment costs range from $582 to $597 a month. Two-bedroom units range from $717 to $732 a month. Your rent payment covers all utilities, including local telephone service and Boiler TV (cable). These rates are effective during the 2009–10 academic year and are subject to change as approved by the Board of Trustees.

Each apartment is equipped with a connection for the campus cable TV system as well as for the campus computing network. The apartments are not air-conditioned, but tenants may bring or purchase their own air-conditioning unit as long as it meets specified criteria, has compatible voltage ratings, and the apartment's maintenance staff does the installation.

With more than 60 countries represented among the residents, Purdue Village is a global community. Families have the benefit of plenty of yard space and playgrounds, and they can take advantage of Purdue Village Preschool and the English for Speakers of Other Languages (ESOL) Program.

Visit www.housing.purdue.edu for more information about Purdue Village.

## Cooperatives

Cooperative houses also provide housing for students. These houses are large residences that are owned and operated by 20 to 50 students. Seven women's houses and five men's houses have been recognized officially by the Office of the Dean of Students, and each house has a live-out faculty or staff advisor.

Students in cooperative houses significantly decrease their housing costs by contributing three to four hours of house duties a week. Residents of cooperatives pay an average of $3,000 per academic year for room and board. New members are selected by current members through a rush process each January.

To obtain information about becoming a cooperative member, contact the Office of the Dean of Students at (765) 494-1231 or at Schleman Hall, Room 250; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050. Details are also available at www.purduecooperatives.org.

Students are expected to complete and return application information by February 1 or earlier for membership the following fall semester.

## Fraternities and Sororities

Purdue has 46 fraternities and 24 sororities. Most members live in chapter houses, and membership is by invitation.

Sororities provide an opportunity in the fall for interested women students to join a chapter.

Yearly costs for sororities range from $3,300 to $4,380. The average number of women living in a sorority is 88.

In the fall, the Interfraternity Council provides recruitment information through which interested men can become acquainted with the fraternity system. Open recruitment is conducted throughout the academic year. The average number of men belonging to a fraternity is 72, and costs range from $2,000 to $3,500 a semester.

For additional information, contact the Office of the Dean of Students; Purdue University; Schleman Hall, Room 250; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; or call (765) 494-1232. Online information is available at www.purduegreeks.com.

# Student Services

## Academic Advising

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

In the course of your studies, you 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, honors programs, admission to graduate schools, educational loans, etc. The academic advisors of the College of Education or the Office of the Dean of Students will be able to advise you in such situations or assist you in searching for appropriate and accurate information. You should seek such advice as early as possible after you enter Purdue and whenever the need arises during your 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, you will be given notice of required actions (other than those listed in this bulletin) at your campus address or in the campus press.

Whether you are a prospective student or one already enrolled in the University, you are welcome to write to or visit the College of Education Office of Advising and Recruiting. See www.education.purdue.edu/advising/ for more information.

## Counseling

Each college or school has a general counseling office and academic advisors who can answer questions about degree requirements, registration, dropping and adding courses, and withdrawal from school.

Mature and qualified faculty and staff, graduate students, and older undergraduate students are employed on the University Residences counseling staffs and live in the halls to assist students with personal and scholastic problems.

The Office of the Dean of Students is staffed by professionally trained counselors who provide personal, educational, and career counseling. They can, for example, offer assistance or refer you to specialized help in such areas as vocational choice, campus activities, scholastic concerns, multicultural programs, assistance for students with disabilities, home and community relationships, and coping strategies.

Other campus services for students include the Counseling and Guidance Center, Counseling and Psychological Services, Financial Advising Service, International Students and Scholars, Learning Center, Marriage and Family Therapy Center, Steer Audiology and Speech-Language Center, Student Health Center, and Writing Lab.

## Services for Students with Disabilities

Services for students with disabilities (physical, mental, and learning disabilities) are provided through the Disability Resource Center of the Office of the Dean of Students. Services vary according to the needs of students. They include interpreters, readers, note-taking assistance, accessible class scheduling, parking permits, and help working with professors. For further information, contact the Office of the Dean of Students. The Web site is www.purdue.edu/odos. drc. The general office number is (765) 494-1747, and the TDD number for people with hearing or speech impairments is (765) 494-1247.

## College of Education Academic Services

The College of Education's Academic Services Unit offers several types of assistance important to students enrolled in teacher education programs. At Purdue, students in teacher education programs are academic majors in the colleges of Agriculture, Consumer and Family Sciences, Education, Liberal Arts, Science, and Technology. The College of Education offers majors in the fields of elementary education, social studies education, and special education. The Academic Services Unit within the College of Education assists all students in teacher education, regardless of the college in which their major is housed, by providing the following specialized services: admission and retention, field experiences, and licensure.

**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. As a student, you should be aware that admission to the Purdue University Teacher Education Programs is a separate and distinct step beyond admission to the University and that 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.teach.purdue.edu for additional 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.

## Center for Career Opportunities

The staff of the campus-wide Center for Career Opportunities assists students and alumni with their career-related employment search. Counseling, guidance, and a wide variety of job search services related to internships and full-time employment are available.

The center maintains contacts with many industrial and business organizations as well as with governmental and nonprofit agencies. Interviews with employer representatives can be requested, and current openings for internships or full-time positions can be explored. For more information, refer to the center's home page at www.cco.purdue.edu.

## 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. The TRC also serves as a textbook review site for annual state textbook adoption services. See www.trc.purdue.edu.

## For Further Information

**University Regulations.** The *University Regulations* publication will provide details about academic, conduct, and student organization policies and procedures. You can access the Web site at www.purdue.edu/univregs. Printed copies are available from Purdue Marketing and Media; South Campus Courts, Building D; 507 Harrison Street; West Lafayette, IN 47907-2025; (765) 494-2034.

**Graduation Rates.** Graduation rates for the West Lafayette campus are available by contacting the Office of Enrollment Management, Analysis, and Reporting; Schleman Hall; 475 Stadium Mall Drive; West Lafayette, IN 47907-2050; (765) 494-0292; enrollmentmanagement@ purdue.edu. These rates are calculated and made available as required by the Student Right-to-Know and Campus Security Act.

**Safety.** The University strives to provide a safe and secure environment for students, staff, and visitors. The University distributes an annual security report containing campus crime statistics and information relating to campus safety and security policies and programs. The report is available on the Web at www.purdue.edu/police. A paper copy may be requested by calling (765) 494-8221 or contacting the Purdue University Police Department; Terry House; 205 S. Intramural Drive; Purdue University; West Lafayette, IN 47907-1971.

# Information Technology

The Office of the Vice President for Information Technology is in charge of the integrated computing and telecommunications services on the West Lafayette campus. The information technology (IT) program, formally known by the acronym ITaP, serves Purdue students, faculty, staff, and visitors to campus.

Computing services range from the very visible computing laboratories that are located throughout campus to the unseen but essential enterprise applications that facilitate the business of the University. Computing staff install, maintain, operate, and repair computer equipment. They provide such services as career accounts, e-mail, calendaring, directories, and database administration.

In addition to ITaP's laboratory facilities, its instructional services include:

1. The Blackboard and Banner course management system.
2. Technology in the Classroom (TIC) sites.
3. Help in preparing multimedia materials to enhance instruction.
4. Help in training students in particular software applications for classroom assignments.
5. Grants for innovative instructional projects including developing courses online using information technology.
6. The Digital Learning Collaboratory, a joint project with the Purdue University Libraries.
7. The Assistive Technology Center for those with special needs.
8. Web-based access to many software applications through Software Remote.

ITaP also provides high-performance research computing equipment and services for faculty through its Rosen Center for Advanced Computing. Multiple Linux clusters, an SGI Altix 4700, and a SiCortex 5832 serve intensive computational needs ranging from engineering and physics simulations and models to computational biology and chemistry. Support for researchers includes partnership on grant proposals; consulting and collaboration on solutions for projects needing advanced computations; management and storage of large data sets; and development of scientific applications, community tools, and science gateways. The HUBzero platform provides Web-based cyberinfrastructure for education and research and supports simulation and modeling in a variety of disciplines, including nanotechnology, pharmaceuticals, and healthcare.

Distributed computing and grid computing are basic elements in the research computing program. ITaP manages DiaGrid, which harnesses tens of thousands of idle processors on and off campus for research and education purposes. Through ITaP, Purdue also has access to resources nationwide on the TeraGrid, the National Science Foundation's comprehensive cyberinfrastructure for open scientific research, education, and innovation. The optical fiber network known as I-Light links Purdue's West Lafayette campus to Indiana University and Indiana University-Purdue University Indianapolis (IUPUI) and joins computers at Purdue and Indiana into a virtual machine room with teraflop capabilities.

The Envision Center for Data Perceptualization provides scientific visualization and multimedia production services, including animation

creation and rendering and virtual environment creation, along with computer-aided design, haptic (touch and feel) interaction capabilities, large-scale data handling, and motion capture. The center provides access to, and training for, many popular commercial applications in those areas and can work with faculty members on grant applications and project management needs. The center's collaboration facilities accommodate on-site and remote participation from multiple locations using technologies such as Polycom, Access Grid, and Web 2.0 technologies.

ITaP also makes video production and audio-visual duplication facilities available as well as satellite uplink and downlink capabilities and broadcast and network services.

ITaP implements and manages campus-wide networks for data and voice communication, improves the security of the data that crosses these networks, and promotes the preservation of personal information security and privacy for all people at Purdue. Telecommunications services provided by ITaP range from basic phone services for campus offices and student residences to telephone operator services and wireless connectivity in the common areas of buildings throughout the campus. ITaP supports the infrastructure that links campus buildings by optical fiber and provides Internet access.

ITaP negotiates contracts and licenses for mass purchases of informational technology equipment and licenses for software used by University personnel. As an additional service, ITaP has negotiated significant discounts for faculty, staff, and students on personal purchases of hardware available through the Web and also for software media sold on campus. The hardware discounts also are available to Purdue alumni. Demonstration computer hardware is displayed at ITaP Shopping Offline in Stewart Center, Room G65. Software is sold at the BoilerCopyMaker in the Purdue Memorial Union, Room 157. Information also is available from www.itap.purdue.edu/shopping.

ITaP offers courses and one-on-one consulting on computing and telecommunications, from selecting phone systems to basic use of Microsoft office applications, programming, visualization, instructional media, e-learning, and research techniques.

For additional information, please consult www.itap.purdue.edu, call (765) 494-4000, or visit the ITaP Customer Service Center in Stewart Center, Room G65; 128 Memorial Mall; West Lafayette, IN 47907-2034.

# Libraries

The University Libraries system on the West Lafayette Campus includes 11 subject-oriented libraries, the Hicks Undergraduate Library, and the Karnes Archives and Special Collections Research Center. The Libraries Web site at www.lib.purdue.edu is the Libraries gateway to information services. Libraries faculty and staff provide assistance in person and through www.lib.purdue.edu/askalib; this includes help in gaining access to national and international information. Information about individual libraries can be found under "Libraries and Units" at www.lib.purdue.edu/libraries.

The Libraries offer 2.8 million printed volumes and electronic books, 40,000 electronic and print journals, more than 500 electronic databases, 3.1 million microforms, and access to federal government publications and patents that are received on a depository basis. Local library resources are supplemented by the 4 million items of research materials held by the Center for Research Libraries in Chicago, which includes 7,000 rarely held serial titles. Through Purdue's membership in the center, faculty and graduate students are assured of fast access to this material through the Interlibrary Loan Office in the Humanities, Social Science, and Education (HSSE) Library in Stewart Center.

The library collections and services of the Big Ten libraries, the University of Chicago, Ball State University, and Indiana State University also are available to Purdue students and faculty under cooperative agreements. Individuals who wish to use these facilities are encouraged to contact Circulation Services via e-mail to circservices@purdue.edu or by phone, (765) 494-0369.

The John W. Hicks Undergraduate Library may serve many of a student's library needs, particularly during the first two years at Purdue. Here students will find assistance in locating information needed for papers and speeches

along with an extensive collection of reserve books for course assignments. A 24-hour study lounge and the Undergrounds Coffee Shop are located in the Hicks Undergraduate Library.

The Digital Learning Collaboratory (DLC) is located in Hicks Undergraduate Library. It is a joint initiative of the Purdue Libraries and Information Technology at Purdue. The DLC supports student learning through access to state-of-the-art hardware and software for creating multimedia projects in individual, group work, and instructional settings. It facilitates the integration of information and technology literacy into the undergraduate curriculum.

Additional Libraries facts and figures can be found within Purdue's Data Digest available at www.purdue.edu/DataDigest.

# Study Abroad

The Office of Programs for Study Abroad is dedicated to internationalizing Purdue by helping as many students as possible have overseas experiences that enrich lives, enhance academic experiences, and increase career potential. The office helps students overcome academic, financial, or personal concerns that might prevent them from going abroad, and is especially devoted to removing obstacles for first-time travelers.

Purdue offers more than 200 study abroad and internship programs in dozens of countries, lasting from a week to a year, for all majors. Most programs do not require foreign language skills. Program costs vary, but many are comparable to the cost of studying at Purdue (with the exception of the travel expense). Participants earn Purdue grades and credits, so those who study abroad can graduate in the normal length of time. Most of the financial aid that covers Purdue expenses can also be applied to study abroad, and more financial aid specifically for study abroad has been available in recent years.

Students who have taken part in study abroad often describe their experiences as "life changing," "eye opening," and "the best choice I ever made."

Students should begin their international exploration either online at www.studyabroad. purdue.edu, by calling (765) 494-2383, or by contacting The Office of Programs for Study Abroad; Young Hall, Room 105; 302 Wood Street; West Lafayette, IN 47907-2108.

# Graduation Requirements

The requirements for the baccalaureate degree includes 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 *University Regulations,* put out by Purdue, 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, Consumer and Family Sciences, Liberal Arts, Science, and Technology are awarded the appropriate degree from the college in which they enrolled.

# Abbreviations

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

**AD**—Art and Design
**AGEC**—Agricultural Economics
**AGRY**—Agronomy
**ANTH**—Anthropology
**ASM**—Agricultural Systems Management
**ASTR**—Astronomy
**BAND**—Bands
**BCHM**—Biochemistry
**BCM**—Building Construction and Contracting
**BIOL**—Biological Sciences
**BTNY**—Botany and Plant Pathology
**CDFS**—Child Development and Family Studies
**CGT**—Computer Graphics Technology
**CHM**—Chemistry
**CIMT**—Computer Integrated Manufacturing Technology
**CLCS**—Classics
**COM**—Communication
**CSR**—Consumer Sciences and Retailing
**DANC**—Dance
**EAS**—Earth and Atmospheric Sciences
**ECET**—Electrical and Computer Engineering Technology
**ECON**—Economics
**EDCI**—Educational Curriculum and Instruction
**EDPS**—Educational Psychology-Educational Studies
**EDST**—Educational Leadership and Cultural Foundations

**ENGL**—English
**ENTM**—Entomology
**FN**—Foods and Nutrition
**FLL**—Foreign Languages and Literatures
**FNR**—Forestry and Natural Resources
**FR**—French
**FS**—Food Science
**GER**—German
**HK**—Health and Kinesiology
**HIST**—History
**HORT**—Horticulture
**HTM**—Hospitality and Tourism Management
**IDIS**—Interdisciplinary Studies
**IT**—Industrial Technology
**ITAL**—Italian
**MA**—Mathematics
**MFET**—Manufacturing Engineering Technology
**MUS**—Music History and Theory
**PES**—Physical Education Skills
**PHIL**—Philosophy
**PHYS**—Physics
**POL**—Political Science
**PSY**—Psychological Services
**SLHS**—Speech, Language, and Hearing Sciences
**SOC**—Sociology
**SPAN**—Spanish
**STAT**—Statistics
**THTR**—Theatre
**YDAE**—Youth Development and Agriculture 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 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 previous 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). Descriptions of performance-based programs may vary by content areas. Official performance-based program guidelines are available via the Teacher Education Web site at www.teach.purdue.edu. Students seeking additional clarification and guidance should consult with an academic advisor.**

### General Education Requirements

The general education requirements specify a minimum involvement in several areas. They have been established to ensure that students have the opportunity to acquire skill 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.

### Teacher Licensure Programs

**Teaching Majors** (*College of Enrollment*)
Agriculture (*Agriculture*)
Biology (*Science*)
Chemistry (*Science*)
Early Childhood Education and Exceptional Needs (*Consumer and Family Sciences*)
Earth/Space Sciences (*Science*)
Engineering/Technology Education (*Technology*)
English (*Liberal Arts*)
Family and Consumer Sciences (*Consumer and Family Sciences*)
Health and Kinesiology (*Liberal Arts*)
Mathematics (*Science*)
Physical Education (*Liberal Arts*)
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*)
World Languages (*Liberal Arts*)
    French, German, and Spanish
**Additional Licensing Areas**
Educational Technology
English as a New Language
High Ability Education
Reading

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.

Following are sample plans of study for selected teaching majors. This information 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 concerning academic majors in this catalog should be directed to the appropriate University department or official.

## Agriculture Teaching

College of Agriculture

**Freshman Year**

| 1 | AGR 12100 (.5) | BIOL 11000 (4) | COM 11400 (3) | FS 16100 (3) | Technical Elective (3)* | |
|---|---|---|---|---|---|---|
| 2 | BTNY 21000 (4) | EDCI 27000 (2) | ENGL 10600 (4) | AGEC 21700 (3) | Technical Elective (3)* | |

**Sophomore Year**

| 3 | ASM 11400 (3) | MA 22000 (3) | CHM 11100 (3) | EDCI 20500 (3) | EDCI 28500 (3) | Technical Elective (3)* |
| 4 | CHM 11200 (3) | ASM 20100 (3) | EDPS 23500 (3) | EDPS 26500 (3) | HORT 20100 (3) | Technical Elective (3)* |

**Junior Year**

| 5 | AGRY 25500 (3) | YDAE 31800 (2) | EDST 20000 (3) | AGRY 32000 (3) | ENTM 20600 (2) | Technical Elective (3)* |
| 6 | ANSC 22100 (3) | AGEC Elective (3)* | YDAE 31900 (2) | YDAE 44100 (1) | AGRY 37500 (3) | Humanities Elective (3)* |

**Senior Year**

| 7 | YDAE 44000 (3) | STAT 30100 (3) | FNR Elective (3)* | International Understanding Elective (3)* | Social Science or Humanities Elective (3)* (30000+ Level) | |
| 8 | ASM 35000 (1) | EDCI 49800 E (10) | YDAE 45100 (2) | ENTM 20700 (1) | Directed Elective (2) | |

## Biology Teaching

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 "Current Students" and investigate "Majors."

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.

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

## Chemistry Teaching

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 "Current Students" and investigate "Majors."

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 Consumer and Family Sciences, Department of Child Development and Family Studies

Please refer to www.cfs.purdue.edu/academics/undergraduate/majors/index.html for the most current and accurate information about options (majors) and course requirements in the College of Consumer and Family Sciences. If you are unable to access this Web site, please contact CFS Undergraduate Student Services in Stone Hall, Room 110, 700 W. State Street, West Lafayette, IN  47907-2059 or call (765) 494-8533 for a copy of course requirements.

## 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.puurdue.edu. Official requirements for the Bachelor of Science degree in Earth/Space Science may be found at www.science.purdue.edu; click on "Current Students" and investigate "Majors."

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 | Science* | EDST 20000 | Social Studies* English* |

**Junior Year**

| | | | | | |
|---|---|---|---|---|---|
| **5** | EDCI 36100 | EDCI 36200 | Theory into Practice III | HK 32200 | Science (2)* | Elective |
| **6** | EDCI 36300 | EDCI 37000 | HK 32000 | Theory into Practice IV | EAS 31200 | Social Studies* English* |

**Senior Year**

| | | | | | |
|---|---|---|---|---|---|
| **7** | EDPS 43000 | EDCI 36400 | Theory into Practice V | EDCI 36500 | AD 20100 | MUS 32400 |
| **8** | EDCI 49600 (16) | Theory into Practice Seminar | | | | |

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

## Engineering/Technology Teaching

College of Technology, Department of Industrial Technology

**Freshman Year**

| | | | | | |
|---|---|---|---|---|---|
| **1** | IT 27200 | ENGL 10600 (4) | MA 15300 | COM 11400 | IT 27600 | |
| **2** | MA 15400 | IT 27500 | EDCI 27000 | EDCI 27100 | PSY 12000 | Technical Elective* |

**Sophomore Year**

| | | | | | |
|---|---|---|---|---|---|
| **3** | EDCI 20500 | EDCI 28500 | IT 27800 | EDST 20000 | Technical Elective* | |
| **4** | IT 27700 | CGT 11000 | SOC 10000 | Science Selective* | | |

**Junior Year**

| | | | | | |
|---|---|---|---|---|---|
| **5** | EDPS 26500 | EDPS 23500 | ECET 21400 | IT 37200 | International Understanding* | |
| **6** | IT 37100 | COM 31500 | EDCI 45000 (2) | PHYS 21800 (4) | MFET 40000 | |

**Senior Year**

| | | | | | |
|---|---|---|---|---|---|
| **7** | IT 47100 | IT 47200 | ENGL 42100 | Technical Elective* | Science Selective | |
| **8** | EDCI 49800 G (16) Professional semester | | | | | |

* See an academic advisor for specific course requirements.

## English Teaching

College of Liberal Arts, Department of English

**Freshman Year**

| | | | | | |
|---|---|---|---|---|---|
| **1** | ENGL 10600 or 10800 | Math/Stat* | Foreign Language 10300 | Western Heritage* | |
| **2** | Math/Stat* | Foreign Language 20100 | EDCI 27000 (2) | COM 11400 | |

**Sophomore Year**

| | | | | | |
|---|---|---|---|---|---|
| **3** | EDCI 20500 | EDCI 28500 | ENGL 30100 | Foreign Language 20200 | Natural Sciences* |
| **4** | EDPS 23500 | EDPS 26500 | ENGL 22700 | REQ D* | REQ E* |

**Junior Year**

| | | | | | | |
|---|---|---|---|---|---|---|
| **5** | EDST 20000 | ENGL 32800 | ENGL 86000 | Natural Sciences* | ENGL 24000/ 24100 | Global Perspective* |
| **6** | ENGL 35000/ 35100 | ENGL 32700 | Other Cultures* | ENGL 39100 | REQ. D* | ENGL 49200 |

**Senior Year**

| | | | | | | |
|---|---|---|---|---|---|---|
| **7** | EDCI 42200 | REQ C* (40000+ Level) | REQ C* | REQ F* | ENGL 49200 | ENGL 44200 |
| **8** | EDCI 43400 (2) | EDCI 49800 (10) | | | | |

Professional semester may be taken either semester of senior year.

## Family and Consumer Sciences Teaching

Please refer to www.cfs.purdue.edu/academics/ undergraduate/majors/index.html for the most current and accurate information about options (majors) and course requirements in the College of Consumer and Family Sciences. If you are unable to access this Web site, please contact CFS Undergraduate Student Services in Stone Hall, Room 110, 700 W. State Street, West Lafayette, IN 47907-2059 or call (765) 494-8533 for a copy of course requirements.

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

## French Teaching

College of Liberal Arts, Department of Foreign Languages and Literatures

### Freshman Year

| | | | | | |
|---|---|---|---|---|---|
| 1 | English 10600 or 10800 | Math/Stat* | FR 20200 | COM 11400 | Core REQ* |
| 2 | Math/Stat* | FR 30100 | FLL 26100, LING 20100, or ENGL/SLHS 22700 | Free Elective (1) | Core REQ (6)* |

### Sophomore Year

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | FR 30200 | EDCI 20500 | EDCI 28500 | EDCI 27000 (2) | French Ling. REQ* | Core REQ* |
| 4 | French Civil./Cult. | EDPS 23500 | EDPS 26500 | FR 24100 | Core REQ* | |

### Junior Year

| | | | | |
|---|---|---|---|---|
| 5 | FR 40100 | French Elective* | Core REQ* (9) | Free Elective |
| 6 | French Elective* | Global Perspective/ Study Abroad* | Free Electives (12) | |

### Senior Year

| | | | | | |
|---|---|---|---|---|---|
| 7 | EDCI 42700 | FR 58100 | EDST 20000 | French Elective* | Free Elective |
| 8 | EDCI 49800 (10) | Free Elective (2) | | | |

## German Teaching

College of Liberal Arts, Department of Foreign Languages and Literatures

### Freshman Year

| | | | | | |
|---|---|---|---|---|---|
| 1 | ENGL 10600 or 10800 | Math/Stat* | GER 20200 | COM 11400 | Core REQ* |
| 2 | Math/Stat* | GER 30100 | FLL 26100, LING 20100, or ENGL/SLHS 22700 | Core REQ* (6) | |

### Sophomore Year

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | EDCI 20500 | EDCI 27000 (2) | EDCI 28500 | GER 30200 | GER 24100 | German Linguistics* |
| 4 | GER 34200 | EDPS 23500 | EDPS 26500 | Free Elective | Core REQ* | |

### Junior Year

| | | | | | |
|---|---|---|---|---|---|
| 5 | GER 40100 | GER 34100 | Free Elective | Core REQ* (6) | |
| 6 | GER 40200 (2) | GER 48000 or 58100 | Global Perspective/ Study Abroad* | German elective* (9) | Free Electives (8) |

### Senior Year

| | | | | |
|---|---|---|---|---|
| 7 | EDCI 42700 | EDST 20000 | German electives* (9) | Free Elective |
| 8 | EDCI 49800 (10) | Free Elective (2) | | |

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

## Health and Kinesiology Teaching

College of Liberal Arts, Department of Health and Kinesiology

**Freshman Year**

| | | | | | |
|---|---|---|---|---|---|
| **1** EDCI 27000 | Math* | COM 11400 | Western Heritage* | FLL 10100 | HK 13500 (1) |
| **2** ENGL 10600 or 10800 | EDCI 20500 | FLL 10200 | HK 21900 | EDCI 28500 | |

**Sophomore Year**

| | | | | | |
|---|---|---|---|---|---|
| **3** BIOL 20300 | EDST 20000 | HK 22500 | FLL 20100 | HK 23300 | |
| **4** BIOL 20400 | EDPS 23500 | EDPS 26500 | FLL 20200 | HK 23100 | HK 23500 (1) |

**Junior Year**

| | | | | | |
|---|---|---|---|---|---|
| **5** FN 30300 | Aesthetic Awareness* | HK 36800 | STAT* | HK 36500 | US Tradition* |
| **6** HK 33500 (1) | HK 28000 (2) | Global Perspective* | HK 36600 | HK 31900 | Other Cultures* Elective |

**Senior Year**

| | | | | | |
|---|---|---|---|---|---|
| **7** HK 44000 | HK 46500 | EDCI 43200 | Gender Issues* | Elective | |
| **8** EDCI 49800 K (12) Professional semester | HK 43500 (1) | | | | |

## 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 "Current Students" and investigate "Majors."

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.

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

## Physical Education Teaching

College of Liberal Arts, Department of Health and Kinesiology

**Freshman Year**

| # | | | | | |
|---|---|---|---|---|---|
| 1 | HK 11400 (2) HK 11500 (2) | COM 11400 | FLL 10100 | EDCI 27000 | Math/Stat* | HK 13500 (1) |
| 2 | ENGL 10600 or 10800 | FLL 10200 | HK 21900 | EDCI 20500 | EDCI 28500 | HK 11600 (2) |

**Sophomore Year**

| # | | | | | |
|---|---|---|---|---|---|
| 3 | HK 21000 (2) BIOL 20300 | FLL 20100 | HK 11700 (2) | EDST 20000 | Area C REQ* | |
| 4 | HK 23500 (1) BIOL 20400 | EDPS 23500 | EDPS 26500 | FLL 20200 | HK 11200 (1) | HK 10300 (1) |

**Junior Year**

| # | | | | | |
|---|---|---|---|---|---|
| 5 | HK 26300 HK 32600 | HK 32600 Area C REQ* | HK 20800 | HK 20900 | HK 32900 | |
| 6 | HK 25400 | Math/Stat* | HK 33000 | HK 37200 | HK 33500 (1) | HK 36800 |

**Senior Year**

| # | | | | | |
|---|---|---|---|---|---|
| 7 | EDCI 42900 | Other Cultures* | Global Perspective* | Western Heritage* | U.S. Tradition* | Gender Issues* |
| 8 | EDCI 49800 I (12) Professional semester | HK 43500 (1) | | | | |

## 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 "Current Students" and investigate "Majors."

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.

*See an academic advisor for specific course requirements.*

## Social Studies Teaching

College of Education, Department of Curriculum and Instruction

**Freshman Year**

| 1 | COM 11400 | Math* | Science* | 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 20000 |

**Junior Year**

| 5 | Social Studies* | Social Studies* | Social Studies* | Social Studies* | Psychology* | Humanities* |
|---|---|---|---|---|---|---|
| 6 | Social Studies* | Social Studies* | Social Studies* | Social Studies* | Social Studies* | |

**Senior Year**

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

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

## Spanish Teaching

College of Liberal Arts, Department of Foreign Languages and Literatures

**Freshman Year**

| 1 | ENGL 10600 or 10800 | Math/Stat* | COM 11400 | SPAN 20200 | Core REQ* | |
|---|---|---|---|---|---|---|
| 2 | Math/Stat* | SPAN 30100 | FLL 26100, LING 20100, or ENGL/SLHS 22700 | Core REQ* (6) | | |

**Sophomore Year**

| 3 | EDCI 28500 | SPAN 30200 (Diversity) | SPAN 36100 | EDCI 20500 | EDCI 27000 (2) PPST | Core REQ* |
|---|---|---|---|---|---|---|
| 4 | EDPS 26500 | SPAN 36200 | SPAN 24100 | EDPS 23500 | Core REQ* | |

**Junior Year**

| 5 | SPAN 40100 | SPAN 34100 | Core REQ* (6) | Free Elective | |
|---|---|---|---|---|---|
| 6 | SPAN 40200 (2) | SPAN 34200 | Free Electives (8) | Global Perspective/ Study Abroad* | |

**Senior Year**

| 7 | EDST 20000 | EDCI 42700 | Hispanic Cult./ Civil.* | Spanish Electives* (6) | Free Elective |
|---|---|---|---|---|---|
| 8 | EDCI 49800 Z (10) | Free Elective (2) | | | |

* 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 | History or Science* | Foreign Language 20100* | EDCI 27000 | |
| **2** | EDCI 20500 | EDCI 28500 | Theory into Practice I | MA 13800 | EDST 20000 or English* | Science* |
| *Summer Optional* | EDCI 20500 and EDCI 28500 in Honduras or EDPS 23500 and EDPS 26500 in India | | | | | |

**Sophomore Year**

| | | | | | | |
|---|---|---|---|---|---|---|
| **3** | EDPS 23500 | EDPS 26500 | Theory into Practice II | EDPS 27000 | EDPS 36200 | Science* MA 13900 |
| **4** | EDCI 36100 | EDCI 36200 | Theory into Practice III | EDPS 36100 | EDPS 36400 | Science* |
| *Summer* | BIOL 20500 or History, EDST 20000 or English and Social Studies Choice* or EDCI 36100 and 36200 in Russia, or select one course above + *Summer Optional* | | | | | |

**Junior Year**

| | | | | | | |
|---|---|---|---|---|---|---|
| **5** | EDCI 36300 | EDCI 37000 | 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 46000 EDPS 45900 |
| *Summer* | English*, English*, Social Studies Choice* | | | | | |

**Senior Year**

| | | | | | |
|---|---|---|---|---|---|
| **7** | EDPS 46100 (6) | EDPS 46200 | AD 20100 | MUS 32400 | Science* |
| **8** | EDCI 49600 | Theory into Practice Seminar | | | |
| | Professional semester may be taken either semester of senior year, provided all other education coursework has been completed. | | | | |

## Visual Arts Teaching

College of Liberal Arts, Department of Visual and Performing Arts

### Freshman Year

| | | | | | |
|---|---|---|---|---|---|
| **1** English Composition | COM 11400 | Math/Stat* | AD 10500 | AD 11300 | |
| **2** Math/Stat* | AD 10600 | AD 11400 | EDCI 27000 (2) | | |

### Sophomore Year

| | | | | | |
|---|---|---|---|---|---|
| **3** EDCI 28500 | EDCI 20500 | AD 27500 | AD 20200 | FLL 10100 | AD 22600 |
| **4** EDPS 23500 | EDPS 26500 | AD 22700 | AD 24200 | AD 30300 | FLL 10200 |

### Junior Year

| | | | | | |
|---|---|---|---|---|---|
| **5** AD 26500/ 26600 | Lab Science* | EDST 20000 | AD 38300 or 38400 | AD 30200 | FLL 20100 |
| **6** Science* | AD 20000 | AD 40200 | FLL 20200 | Area B (6) | |

### Senior Year

| | | | | | |
|---|---|---|---|---|---|
| **7** Global Perspective* | U.S. Tradition* | AD 11700 | Gender Studies | Area B | Other Cultures* |
| **8** EDCI 49800 (16) Professional semester | | | | | |

# 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 the College of Education, Office of Graduate Studies; 100 N. University Street, Room 6104; West Lafayette, IN 47907-2098; E-mail: education-gradoffice@purdue.edu; or visit www.education.purdue.edu/gradoffice.

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* See an academic advisor for specific course requirements.

# Information about Courses

Official Purdue University course information is available on the Web at www.courses.purdue. edu. Click on the "Search by term" link at the top of the page.

The Official Purdue University Course Repository is maintained by the Office of the Registrar and is updated instantaneously. It contains a multitude of information, including course descriptions and requisites for retired, current, and future courses offered at the West Lafayette campus as well as at Purdue Calumet, Purdue North Central, Indiana University-Purdue University Fort Wayne, Indiana University-Purdue University Indianapolis, and the College of Technology locations around the state.

The course information available online is organized by term, subject area, and course number, which enables you to tailor your search. You also may want to consult your academic advisor if you have questions about the courses required for your plan of study.

# College of Education Administration and Faculty

## Administration

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**James D. Lehman, *Ph.D.,*** Associate Dean for Discovery and Faculty Development

**Sidney M. Moon, *Ph.D.,*** Associate Dean for Learning and Engagement

## Heads of Instruction and Research

**A. G. Rud, *Ph.D.,*** Head of the Department of Educational Studies

**Phillip J. VanFossen, *Ph.D.,*** Interim Head of the Department of Curriculum and Instruction

## Department of Curriculum and Instruction

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# Department of Educational Studies

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**Assistant Professors:** E. Bouck, *Ph.D.;* A. Çiftçi, *Ph.D.;* W. Hanson, *Ph.D.;* N. Jaramillo, *Ph.D.;* Y. Maeda, *Ph.D.;* D. Sears, *Ph.D.;* S. P. Shidemantle, *Ph.D.;* C. Wachter, *Ph.D.;* A. Uruk, *Ph.D.;* O. Wendt, *Ph.D.;* A. Yadav, *Ph.D.*

**Clinical Instructor:** S. J. Templin, *M.S.*

**Clinical Assistant Professor:** J. Hill, *Ph.D.*

**Continuing Lecturer:** L. C. Bohlin, *Ph.D.*

**Courtesy Appointments:** M. A. Brzezinski, *Ed.D.;* N. Dolby, *Ph.D.;* C. M. Jagacinski, *Ph.D.;* S. L. Prieto-Welch, *Ph.D.*

# Instructional Units

**Agriculture**
Agricultural and Biological Engineering
Agricultural Economics
Agronomy
Animal Sciences
Biochemistry
Botany and Plant Pathology
Entomology
Food Science
Forestry and Natural Resources
Horticulture and Landscape Architecture
Youth Development and Agricultural Education

**Consumer and Family Sciences**
Child Development and Family Studies
Consumer Sciences and Retailing
Foods and Nutrition
Hospitality and Tourism Management

**Education**
Curriculum and Instruction
Educational Studies

**Engineering**
Aeronautics and Astronautics
Agricultural and Biological Engineering
Biomedical Engineering
Chemical Engineering
Civil Engineering
Construction Engineering and Management
Electrical and Computer Engineering
Engineering Education
Industrial Engineering
Interdisciplinary Engineering
Materials Engineering
Mechanical Engineering
Nuclear Engineering

**Health Sciences**

**Liberal Arts**
Aerospace Studies
Anthropology
Bands
Communication
English
Foreign Languages and Literatures
General Studies
Health and Kinesiology
History

Interdisciplinary Studies
Military Science
Naval Science
Philosophy
Political Science
Psychological Sciences
Sociology
Speech, Language, and Hearing Sciences
Visual and Performing Arts

**Management**
Economics
Management

**Nursing**

**Pharmacy and Pharmaceutical Sciences**
Industrial and Physical Pharmacy
Medicinal Chemistry and Molecular
    Pharmacology
Pharmacy Practice

**Science**
Biological Sciences
Chemistry
Computer Science
Earth and Atmospheric Sciences
Mathematics
Physics
Statistics

**Technology**
Aviation Technology
Building Construction Management
    Technology
Computer Graphics Technology
Computer and Information Technology
Electrical and Computer Engineering
    Technology
Industrial Technology
Manufacturing Engineering Technology
Mechanical Engineering Technology
Organizational Leadership and Supervision

**Veterinary Medicine**
Basic Medical Sciences
Comparative Pathobiology
Veterinary Clinical Sciences
Veterinary Medicine

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