



## The Graduate School

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2000-2002  
Purdue University  
West Lafayette, Indiana

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# Contents

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<b>4</b>	<b>University Calendar</b>
<b>5</b>	<b>General Information</b>
5	The University
6	The Graduate School
6	Resources
8	Patents and Copyrights
<b>9</b>	<b>Admission</b>
<b>11</b>	<b>Regulations</b>
11	General Regulations
13	Candidacy
13	Master's Degree Regulations
15	Ph.D. Degree Regulations
<b>17</b>	<b>Student Employment and Support</b>
<b>19</b>	<b>Residence Classification of Students for Tuition Purposes</b>
22	Tuition and Fees
<b>23</b>	<b>West Lafayette Campus Housing</b>
<b>24</b>	<b>Cultural, Recreational, and Entertainment Opportunities</b>
<b>25</b>	<b>C.I.C. Traveling Scholar Program</b>
<b>25</b>	<b>Summer Session</b>
<b>26</b>	<b>Study at Campuses other than West Lafayette</b>
26	Degree Programs
<b>26</b>	<b>Descriptions of Programs and Courses</b>
26	Abbreviations
28	Aeronautics and Astronautics
34	Agricultural and Biological Engineering
38	Agricultural Economics
42	Agronomy
48	American Studies (Interdisciplinary) Program
50	Animal Sciences
53	Audiology and Speech Sciences
59	Biochemistry
63	Biochemistry and Molecular Biology (Interdisciplinary) Program
64	Biological Sciences
75	Biomedical Engineering (Interdisciplinary) Program
77	Botany and Plant Pathology
80	Chemical Engineering
85	Chemistry
92	Child Development and Family Studies
97	Civil Engineering
108	Communication
115	Comparative Literature (Interdisciplinary) Program
116	Computational Science and Engineering (Interdisciplinary) Program
117	Computer Sciences
126	Consumer Sciences and Retailing
129	Earth and Atmospheric Sciences
141	Economics
146	Education
164	Electrical and Computer Engineering
178	English
187	Entomology
190	Food Science
194	Foods and Nutrition

196	Foreign Languages and Literatures
208	Forestry and Natural Resources
212	Genetics (Interdisciplinary) Program
214	Geographic Information Systems, Global Positioning Systems, and Remote Sensing (Interdisciplinary) Program
216	Gerontology (Graduate Minor)
218	Graduate School Special Programs
219	Health, Kinesiology, and Leisure Studies
223	Health Sciences
225	History
231	Horticulture
233	Human Factors (Interdisciplinary) Program
235	Industrial Engineering
241	Industrial Technology
244	Interdisciplinary Programs
245	Linguistics (Interdisciplinary) Program
249	Management
263	Materials Engineering
267	Mathematics
275	Mechanical Engineering
285	Mineral Resources (Interdisciplinary) Program
285	Neuroscience (Interdisciplinary) Program
286	Nuclear Engineering
293	Nursing
298	Nutrition (Interdisciplinary) Program
298	Pharmaceutical Sciences
307	Philosophy
311	Physics
318	Plant Biology (Interdisciplinary) Program
319	Political Science
324	Psychological Sciences
337	Restaurant, Hotel, Institutional, and Tourism Management
339	Sociology and Anthropology
347	Statistics
354	Veterinary Medicine
372	Virology (Interdisciplinary) Program
374	Visual and Performing Arts
379	Water Resources (Interdisciplinary) Program
380	Women's Studies (Graduate Minor)
382	Interdisciplinary Research and Other Activities
382	Cancer Research Training
385	Center for the Human-Animal Bond
385	Doctor of Medicine (M.D.)/ Doctor of Philosophy (Ph.D.) Program
386	Engineering—Regional and Continuing Engineering Education Graduate Programs
387	Medical Education
388	Medieval Studies
390	<b>Graduate Council</b>
391	<b>Appendix</b>
398	<b>Index</b>
IBC	<b>Board of Trustees, Officers of Administration, and Academic Deans</b>

## University Calendar

Fall Semester	2000	2001 (tentative schedule)
<b>Classes begin</b>	August 21, 7:30 a.m.	August 20, 7:30 a.m.
<b>Labor Day holiday</b>	September 4	September 3
<b>Octoberbreak</b>	October 9–10	October 8–9
<b>Thanksgiving vacation begins</b>	November 21, 10 p.m.	November 20, 10 p.m.
<b>Classes resume</b>	November 27, 7:30 a.m.	November 26, 7:30 a.m.
<b>Classes end</b>	December 9	December 8
<b>Final exams begin</b>	December 11	December 10
<b>Semester ends</b>	December 16, 9 p.m.	December 15, 9 p.m.
<b>Commencement</b>	December 17	December 16
Spring Semester	2001	2002 (tentative schedule)
<b>Classes begin</b>	January 8, 7:30 a.m.	January 7, 7:30 a.m.
<b>Martin Luther King Jr. Day holiday</b>	January 15	January 21
<b>Spring vacation begins</b>	March 10, 12:20 p.m.	March 9, 12:20 p.m.
<b>Classes resume</b>	March 19, 7:30 a.m.	March 18, 7:30 a.m.
<b>Classes end</b>	April 28	April 27
<b>Final exams begin</b>	April 30	April 29
<b>Semester ends</b>	May 5, 9 p.m.	May 4, 9 p.m.
<b>Commencement</b>	May 11-13	May 10-12
Summer Session	2001	2002 (tentative schedule)
<b>First module begins</b>	May 14, 7:30 a.m.	May 13, 7:30 a.m.
<b>Memorial Day holiday</b>	May 28	May 27
<b>First module ends</b>	June 8, 5:20 p.m.	June 7, 5:20 p.m.
<b>Second module begins</b>	June 11, 7:30 a.m.	June 10, 7:30 a.m.
<b>Independence Day holiday</b>	July 4	July 4
<b>Second module ends</b>	July 6, 5:20 p.m.	July 5, 5:20 p.m.
<b>Third module begins</b>	July 9, 7:30 a.m.	July 8, 7:30 a.m.
<b>Third module ends</b>	August 3, 5:20 p.m.	August 2, 5:20 p.m.
<b>Commencement</b>	August 5	August 4

## General Information

### The University

Purdue University is the Indiana link in a nationwide chain of 68 land-grant colleges and universities. Purdue is a public university that, like its sister land-grant universities, was made possible by the Morrill Act, signed by President Lincoln on July 2, 1862. In 1865 the General Assembly of Indiana voted to avail itself of the provisions of the act and took the steps to establish a new university. Competition from various state communities for the new school ended in 1869 when the assembly accepted \$150,000 from John Purdue, \$50,000 from Tippecanoe County, and 100 acres of land from local residents. In appreciation of this gift, the legislators named the institution Purdue University. The first regular classes began September 16, 1874, and the first degree was awarded in June 1875.

Throughout its history, the University has adhered to the spirit of the Morrill Act, particularly promoting the state's agriculture and industry.

Purdue enrolls more than 37,700 undergraduate and graduate students at its main campus in West Lafayette and approximately 30,000 at its campuses in Hammond, Fort Wayne, Westville, Indianapolis, and at School of Technology statewide delivery system locations.

During the fall semester of the 1999-2000 academic year, more than 6,900 professional and graduate students were enrolled on the West Lafayette Campus, and nearly 1,700 individuals were taking courses in Technology Statewide locations. More than 2,300 graduate students represent other nations.

The West Lafayette Campus of Purdue University has a full-time faculty of more than 2,200 men and women who teach and engage in scholarly activities and research within more than 145 principal buildings located on 650 acres.

Instructional work is organized in the schools of Agriculture, Consumer and Family Sciences, Education, Engineering, Health Sciences, Liberal Arts, Management, Nursing, Pharmacy and Pharmaceutical Sciences, Science, Technology, and Veterinary Medicine.

A 10-member Board of Trustees governs the University. The governor of the state appoints

seven members; he also appoints three others who are selected by the Purdue Alumni Association.

The West Lafayette Campus of Purdue University is located across the Wabash River from Lafayette. The population of the two cities exceeds 72,000, not including Purdue's student population.

The Greater Lafayette area is easily accessible, whether traveling by land or air. It is 65 miles northwest of Indianapolis, the state capital, and 126 miles southeast of Chicago. The Purdue University Airport provides scheduled air service. Amtrak trains make daily stops in Lafayette in route to Chicago and Indianapolis, and major bus lines also serve the area.

***Nondiscrimination Policy Statement.*** Purdue University is committed to the development and nurturing of a diverse community. The University believes that diversity stimulates creativity, promotes exchange of ideas, and enriches life.

Purdue University is committed to maintaining a community which recognizes 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. The University also accepts the responsibility of serving as a positive example in helping prepare men and women who will make lasting positive contributions to society.

It is the policy of Purdue University that abilities, qualifications, and other relevant characteristics are to be the criteria by which persons are viewed, evaluated, and treated in University related activities.

No qualified person will be denied admission or employment, nor will any student be subjected to discriminatory treatment or be excluded from participation in any educational program or activity on the basis of race, religion, color, sex, age, national origin or ancestry, disability, or status as a disabled or Vietnam era veteran, except where age or sex is a bona fide occupational qualification. No qualified person with a disability will, by reason of that disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of Purdue University.

Purdue does not condone and will not tolerate discrimination, harassment, or intimidation of any person in the University community for any reason.

Questions, concerns, or complaints regarding University policy and practice or protection afforded individuals against discrimination should be directed as follows:

### ***West Lafayette Campus***

*Students and prospective students:*

L. Tony Hawkins, Dean of Students, Schleman Hall — Questions, concerns, or complaints regarding discrimination other than those based upon disability.

Paula J. Micka, Assistant Dean of Students, Schleman Hall — Questions, concerns, or complaints regarding discrimination based upon disability.

*Employees and prospective employees, visitors to campus, and members of the public:*

Charlotte F. Westerhaus, Director, Affirmative Action Office, American Railway Building

### ***Regional Campuses***

Regional Campus Chancellors

## **The Graduate School**

Purdue has, for many years, enjoyed national recognition for the expertise of its faculty and the high quality of its graduates. The Purdue University Graduate School provides a framework for advanced study within more than 50 departments and supports an increasing number of innovative interdisciplinary programs. Study for degrees, for personal enrichment, and for various kinds of certification also is available at Purdue's non-West Lafayette campuses.

The graduate faculty includes professors educated at virtually every major university in North America, and many professors hold degrees from or have served on the faculties of universities around the world. Among the Purdue faculty are fellows of such institutions as the National Academy of Sciences, the American Academy of Arts and Sciences, the National Academy of Engineering, and a number of the world's most important scholarly academies.

The Graduate School strives to provide a scholarly atmosphere that will foster close coop-

eration between students and faculty. Each plan of study reflects the need to achieve a highly individualized program of research within a broadly recognized discipline. Frequently, graduate education leads to fruitful exchanges among the disciplines and to formal interdisciplinary research. All members of the Graduate School, faculty and students alike, are expected to demonstrate exceptional competence in some special area of research without losing sight of the broad intellectual and social matrix that makes specialization possible and meaningful.

## **Resources**

University research is conducted to increase knowledge and to enrich graduate study programs. Excellent research facilities and adequate project funding are necessary components of an outstanding graduate program.

***Laboratories.*** Purdue University has more than 400 research laboratories on its West Lafayette Campus. Each school or department has its own laboratories for specialized research in areas basic to its own mission, while certain more generalized laboratories are provided for use by several units.

University research is funded through research grants and contracts and through some fellowships that provide for research expenses in addition to the graduate student's salary or stipend. These grants, contracts, and fellowships are received from various federal agencies, private foundations, and industrial corporations.

Although graduate research programs are developed within the departments of instruction under the guidance of the student's advisory committee, the University includes a number of general research organizations that assist in providing facilities and financial support for research and give guidance to the long-range research programs of the University. These organizations are the Office of Agricultural Research Programs, Engineering Experiment Station, and Purdue Research Foundation. The Purdue Research Foundation manages gifts and endowments for the benefit of the University, contracts with industry for the support of research, and maintains contacts with various research-sponsoring agencies of the federal government for the benefit of Purdue faculty members. The foundation also supports research, graduate assistantships, and fellowships with its

own funds as supplements to those obtained from outside agencies.

***Purdue University Computing Center.*** The Purdue University Computing Center (PUCC) provides instructional and research computing services, multimedia integration, and data networking to all departments on the West Lafayette Campus.

An IBM RS/6000 SP system is available to serve research computing needs. Clusters of IBM RS/6000 systems act as compute servers for large research computations. Other RS/6000s support interactive applications and act as file servers. A Sun system provides a general-purpose UNIX environment for faculty, staff, and graduate students. A large amount of data storage is available for applications that require it. Consulting on the use of these systems is available from the Computing Center's Research Computing Division (RCD) staff.

The Computing Center operates many instructional computing laboratories around the campus. There are labs equipped with Apple Macintosh, PC/Windows-compatible, and Sun/UNIX workstations. These labs may be scheduled for in-the-lab classes, or students may be assigned to use the labs to complete homework assignments. Several Sun computer systems serve as central file servers for the workstations in the instructional labs. Sun systems also provide a UNIX environment for instructional use.

The Multimedia Instructional Development Center (MIDC) helps faculty who want to enhance their teaching with multimedia materials. The MIDC houses multimedia hardware and software and provides training on various multimedia software packages. Faculty can visit the MIDC and use the equipment to digitize video, scan images, and create graphics and animations for their classes. MIDC staff members are available for consultation about the design of instructional presentations. Seminars and workshops, offered by the MIDC, address topics, such as Web page development, image acquisition and manipulation, use of digital video, and related issues. An annual grant program, administered by the MIDC, provides funding to faculty who want to develop instructional applications using multimedia.

The Purdue Data Network (PDN) links major campus buildings with optical fiber, providing high-speed TCP/IP connections to a constantly

increasing number of departmental systems and subnets. All major systems on campus are interconnected via the network. Network access is available from all University buildings, including the RESNET system in the on-campus student residence halls. This same RESNET system provides off-campus students, faculty, and staff with network addresses and access capabilities equivalent to those available in on-campus residence halls and offices. Internet access is also available to all users on the campus network.

Purdue University is a member university of Internet2. This provides the Purdue community with the opportunity to participate in the development, deployment, operation, and technology transfer of advanced, network-based applications and services to meet emerging requirements in research, teaching, and learning.

The multi-user computing systems, the network center, and the Computing Center offices are located in the Mathematical Sciences Building. The Multimedia Instructional Development Center is located in Stewart Center. Instructional laboratories are located in many campus buildings and in the residence halls. Off-campus users can access the systems via the RESNET system. Depending on which residence hall they are in, on-campus students can contract for either direct Ethernet connections or 1-Meg Modem connections from their rooms to the campus through the RESNET system.

Information Center staff are on duty in Room 231 of the Mathematical Sciences Building to help users with computing tasks. The Computing Center publishes free documents and Web pages on topics ranging from elementary text editing to use of the advanced mathematical and statistical packages and subroutine libraries. Free, noncredit short courses on a variety of computing topics are taught regularly.

The Computing Center's Maintenance and Repair Group (MRG) is located in South Campus Courts, Building A, and is available to service University-owned computer equipment. The MRG offers installation, upgrade, maintenance, and repair services through contracts or on a parts and labor basis. Warranty service is available on Apple, Gateway 2000, Compaq, and Hewlett Packard products.

More information about the Purdue University Computing Center is on the Web at: [www.purdue.edu/PUCC/](http://www.purdue.edu/PUCC/)

**Libraries.** The University Libraries system on the West Lafayette Campus, including 14 school and departmental libraries and the Hicks Undergraduate Library, provides a print collection of more than 2,200,000 volumes. The libraries additionally have over 2,000,000 microforms of older scholarly materials and many current scientific and technical reports. Approximately 16,000 serial titles are received, including periodicals and serial publications of societies, institutions, and the federal and state governments. Federal government publications are received on a depository basis. The libraries also offer a wide variety of electronic information sources. THOR (The Online Resource) at [www.purdue.lib.edu](http://www.purdue.lib.edu) is the Libraries' gateway to information at Purdue and worldwide.

Local library resources are supplemented by the 3,000,000 items of research materials held by the Center for Research Libraries in Chicago. 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 center's handbook and printed catalogs are available in the HSSE Library.

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 in the HSSE Library.

The Instructional Media Center, located in the Undergraduate Library, makes available to students and staff many types of teaching material, such as videotapes, videodiscs, motion pictures, and audio tapes. The necessary equipment for use of the materials also is available. These materials can be checked out or used in the center.

The school and departmental libraries are:

- Aviation Technology Library**, Room 163, Terminal Building
- Biochemistry Library**, Room 101, Biochemistry Building
- M. G. Mellon Library of Chemistry**, Room 301, Wetherill Laboratory of Chemistry
- Consumer and Family Sciences Library**, Room 220, Stone Hall

- Earth and Atmospheric Library**, Room 2215, Civil Engineering Building
- Siegismund Engineering Library**, Room 160, A. A. Potter Center
- Humanities, Social Science, and Education Library**, Stewart Center
- Management and Economics Library**, Second and Third Floors, Krannert Building
- Life Sciences Library**, Room 2-402, Lilly Hall of Life Sciences
- Mathematical Sciences Library**, Room 311, Mathematical Sciences Building
- Pharmacy, Nursing, and Health Sciences Library**, Room 272, Heine Pharmacy Building
- Physics Library**, Room 290, Physics Building
- Psychological Sciences Library**, Room 290, Pierce Hall
- John W. Hicks Undergraduate Library**, Ground and Basement Floors
- Veterinary Medicine Library**, Hugh Bilson Lewis Biomedical Information Resources Center, Room 1133, Lynn Hall of Veterinary Medicine

## Patents and Copyrights

The University retains all domestic and foreign rights in and to any and all inventions and materials made or developed by University personnel, either in the course of employment by the University or through the use of facilities or funds provided by or through the University. University personnel include part-time and full-time members of the faculty, staff, all other agents and employees, undergraduate and graduate students, and postdoctoral fellows of the University.

The rights owned by the University include all economic and property rights, as well as the right to patent inventions and to copyright materials. Net proceeds normally will be shared with the inventor. Patents, inventions, and copyrights are supervised by Purdue Research Foundation's Division of Research and Scholarly Activities in accordance with *Executive Memorandum No. B-10*, Statement of University Policy, Principles and Administrative Procedures Relating to the Ownership of Patents, Copyrights, and Other Rights in Inventions and in Written and Recorded Materials.

## Admission

Correspondence about admission to the Graduate School should be addressed to the Graduate Studies Office of the department or program to which the applicant wishes to be admitted or to the Graduate School, Purdue University, West Lafayette, Indiana 47907, or submitted via the Web at [www.purdue.edu/GradSchool](http://www.purdue.edu/GradSchool). (For information about admission at campuses other than West Lafayette, consult the applicable campus catalog.) Inquiries about facilities for advanced study and research and about specific departmental requirements should be addressed to the department in which the student expects to study. Many departments have brochures describing their facilities and special requirements.

Students may be admitted to the Graduate School in one of two categories: (1) degree-seeking graduate students or (2) nondegree-seeking graduate students.

***Degree-seeking Graduate Students.*** Students who have advanced degree objectives will be admitted as degree-seeking graduate students if they meet the following qualifications:

1. They ordinarily will be expected to hold baccalaureate degrees from colleges or universities of recognized standing. Under special circumstances, individuals who do not have baccalaureate degrees will be considered for admission if they have completed studies equivalent to those required for a baccalaureate degree program at Purdue. Such studies normally would be expected to comprise at least 16 years of school attendance.
2. They must show promise, as judged by academic performance and experience, of ability to perform advanced study and research and must have adequate preparation in their chosen fields of study. Applicants must submit an official transcript from each college or university attended. If these transcripts are not in English, the official, original language transcripts must be accompanied by certified English translations.
3. For unconditional admission to a degree program, a B or better average in prior study is required. Individual departments may set higher grade requirements and may require the submission of additional evidence of academic performance.

4. A minimal score of 550 (or the equivalent on the computer-based test) on the Test of English as a Foreign Language (TOEFL) is required for admission to the Graduate School for all international applicants whose native language is not English. Departments may set higher requirements.

***Nondegree-Seeking Graduate Students.*** Individuals who have baccalaureate or advanced degrees but do not have further degree objectives and want only professional and personal enrichment may enroll in one of several classifications for purposes of advanced study. Such individuals must have the necessary preparation for the course or courses in which they wish to enroll. They also may be required to consult with and gain approval from the course instructor.

The subclassifications are:

1. ***Postbaccalaureate classification.*** This classification is intended for those who wish to pursue study beyond the baccalaureate degree, and it is not intended as a form of probationary admission to a degree program. It is possible for those registered in this classification to be considered for admission to the Graduate School as degree-seeking graduate students for a subsequent session.

While there is no limit to the number of course credit hours that an individual may accumulate while registered in this classification, no more than 12 hours of credit may be applied to an advanced degree program if an individual is later admitted as a degree-seeking graduate student. However, if an application to a degree program is approved during the session in which a person is enrolled for the 12th credit hour as a nondegree registrant, then all credits taken prior to and during that session will be eligible for inclusion on a plan of study for a degree program, providing the courses are appropriate to the degree program and the courses and grades are acceptable first to the department and then to the Graduate School. (See "Excess Undergraduate Credit.")

Postbaccalaureate registration in courses outside the admitting department may require the permission of the department offering the course. Individuals applying for

the postbaccalaureate classification must provide evidence of a baccalaureate degree.

2. *Teaching license classification.* This classification is intended for individuals holding a baccalaureate degree and seeking to work on advanced teacher license programs without degree objectives, either preceding or following an advanced degree program. Teacher license students are subject to the same policies regarding the use of course credits on a plan of study as are postbaccalaureate students who are subsequently admitted for degree study. (See “Nondegree-Seeking Graduate Students.”) Individuals applying for the teaching license classification must provide an official transcript from the college or university where the baccalaureate degree was received.
3. *International special classification.* This classification is limited to international persons sponsored by their governments or employers. These applicants normally have academic objectives that are not appropriate for advanced degree programs. Individuals applying for the international special classification must provide an official transcript from the college or university where the baccalaureate degree was received.

**Visiting Scholars.** Visiting professors from other institutions, postdoctoral fellows, and other visiting scholars who have attained doctoral status or the equivalent may audit classes without payment of fees. This privilege will be granted with the approval of the head of the department in which the work will be done and the dean of the Graduate School. Registration is to be made without payment of fees, and no credit is given for courses attended. Persons in this category who wish to receive academic credit must register as graduate students and pay the appropriate fees and tuition.

**Graduate Students on the Staff.** Members of the administrative, professional, instructional, research, extension, and regular clerical/service staffs of the University who wish to register as graduate students should consult the appropriate staff handbooks concerning admission, academic loads permitted, and fee information.

Individuals who hold professorial or instructor rank on a Purdue campus may take graduate courses but may work for advanced degrees at Purdue only under certain conditions and with prior approval of the dean of the Graduate School.

**Graduate Record Examination.** All degree-seeking applicants are encouraged to take the Graduate Record Examination (GRE); however, it is particularly important that the GRE be taken if the applicant:

1. is seeking admission to a department that requests it; (See individual departmental listings in this bulletin for such detail.)
2. wishes to be considered for certain fellowship programs;
3. feels that the previous academic record does not adequately reflect the applicant’s ability;
4. received the baccalaureate degree from an unaccredited institution; or
5. elects to use the verbal portion of the GRE Aptitude Test as a means to satisfy any departmental written English proficiency requirement.

**Application Fee.** A nonrefundable fee of \$30 (drawn on U.S. funds through a U.S. bank) is required for application for graduate study at all of the Purdue campuses (except the Indiana University-Purdue University Indianapolis Campus, where an application fee is established by Indiana University). It is University policy that no action be taken on an application until the application fee is received. The application fee is not required for applicants who have a previous graduate academic record at Purdue.

**How and When to Apply.** It is recommended that applications be submitted via the Web at [www.purdue.edu/GradSchool/](http://www.purdue.edu/GradSchool/). Admission to most graduate programs may be granted for the beginning of the fall, spring, or summer sessions. Application for admission must be made well enough in advance of the date the student wishes to commence graduate studies so as to allow for the proper processing of the application within the department and the Graduate School. Domestic students can begin studies as late as two sessions after the one for which they originally are accepted without reapplying for admission to the Graduate School.

Undergraduate students normally should apply early in the last semester of the senior year. If the GRE is involved, it is taken, preferably, during the first semester of the senior year. The application and application fee should be submitted to the Graduate School. If applying electronically, the application fee may be paid by credit card.

Transcripts, supporting letters, and any other materials required by the department should be submitted to the department to which the applicant wishes to be admitted. Those wishing to receive full consideration for available graduate appointments should apply at least six months prior to the month of entry. All applicants from outside the United States should apply at least six months in advance and must begin their studies during

the session for which they were accepted. Departments may set earlier deadlines for submitting applications.

**Notification.** An applicant is not officially admitted until he or she has received notification from the dean of the Graduate School. Admission is possible only when recommended by the department and approved by the Graduate School.

## Regulations

### General Regulations

**Standards of Work.** Success in graduate study requires performance of a high quality. Only grades of A, B, or C are acceptable in fulfilling Graduate School requirements in any plan of study. An advisory committee may require higher performance than C in certain courses. Pass/not-pass grades are not acceptable. The student's progress will be reviewed each semester by both the Graduate School and the student's department. Should the student fail to perform on a level satisfactory to the advisory committee or to the dean of the Graduate School, he or she may be asked to discontinue graduate study at Purdue. The same scholastic requirements in effect during the regular University year apply to graduate study during the summer session and in work taken at the University's non-West Lafayette campuses. The same grade standards apply to prerequisite courses.

Integrity in research is an essential part of Purdue University's intellectual and social structure, and adherence to its spirit and principles must be maintained. These principles include commitment to truth, objectivity, fairness, honesty, and free inquiry. Advances in scientific knowledge depend on reliable data and honestly reported conclusions. Advances in humanistic studies depend upon gathering and interpreting legitimate information in a manner that other scholars, in good faith, can judge and evaluate. Artists present portfolios and performances that reflect unique artistic statements and points of view. The integrity of the research process must depend largely on self-regulation; it is the responsibility of all who engage in the search for knowledge.

A master's or doctoral thesis is a document authored by an individual, describing results of original research undertaken by that individual,

and asserting a position which that individual is willing to defend. This position should not be construed to prohibit joint or collaborative research endeavors. It is expected, however, that in such situations unique aspects of the broad problem will be explored by each individual and that the thesis written and presented to the final examining committee will be a personal document describing the student's creative effort and contribution.

**English Requirements.** The Graduate School does not have a general written English proficiency requirement. Departments, however, may establish specific written English requirements for their students to fulfill.

All graduate teaching assistants/instructors whose native language is not English must demonstrate adequate oral English proficiency before being assigned duties involving direct instruction of students.

**Foreign Language Requirements.** There is no general Graduate School requirement of competency in any foreign language. Each department determines requirements, if any, and options for satisfying them are published in the department's respective section of this bulletin. Among the options decided by each department, where knowledge of another language is required, are the following: the number of foreign languages required, which foreign languages are acceptable, the type of skill required in acceptable foreign languages, whether satisfaction of a foreign language requirement at another graduate school or at an undergraduate college is transferable, and whether a native language that is not English is acceptable. If a department approves satisfaction of a language requirement by the use of a student's native language, the plan of study must be accompanied by a statement from the student that the

language was used in the student's secondary and undergraduate instruction (as borne out by records on file in the Graduate School). An examination will not be required.

The foreign language requirement, where it applies, must be satisfied prior to taking the preliminary examination.

Each department stipulates which one or more of the following five methods may be used by a student whose native language does not satisfy the department's foreign language requirement:

1. By satisfying the foreign language requirement at another graduate school and transferring the record to Purdue.
2. By passing the fourth semester of Purdue's undergraduate course sequence in an acceptable language with at least a grade of C in the last course, or with an equivalent of this requirement transferred from another institution.
3. By examination. The student's department will notify the Department of Foreign Languages and Literatures of the skill it requires (reading, conversation, etc.) and will submit examination material to be approved by the foreign language examiner. The Department of Foreign Languages and Literatures will then prepare, proctor, and grade an appropriate examination and transmit the results to the student's department. A student may not take this examination if currently enrolled in one of the corresponding foreign language courses listed under 4. This examination may be repeated only twice.
4. By coursework. This option currently is available in French, German, Russian, and Spanish. It consists of passing the appropriate 603 or 605 course with a grade of C or better. Admission to either of these courses requires either a grade of at least C in the 601 course in the same language or the permission of the Department of Foreign Languages and Literatures. These courses may not be audited. Grades in these courses will not be counted in the student's grade index.
5. By the Educational Testing Service Graduate School Foreign Language Tests in French, German, Russian, or Spanish. Acceptable proficiency on these tests is a scaled score of 600 or more.

**Registration Limitations.** A graduate student normally will register for no more than 18 credit hours per semester.

Graduate students holding graduate-staff appointments should note the following guidelines applicable to each semester's registration:

1. Those carrying full-time staff duties normally will register for not more than 6 semester hours;
2. Those carrying three-quarter-time staff duties normally will register for not more than 9 semester hours;
3. Those carrying half-time staff duties normally will register for not more than 12 semester hours;
4. Those carrying quarter-time staff duties normally will register for not more than 15 semester hours;
5. Graduate students holding research appointments normally register for at least the following number of research hours: 3 hours for a quarter-time appointment, 6 hours for a half-time appointment, 9 hours for a three-quarter-time appointment, and 12 hours for a full-time appointment. This research registration may be in addition to the maximum load shown above.
6. The minimum allowable total registration is 3 semester hours.

These maximum loads are to include all courses, whether undergraduate or graduate level. The above regulations are stated for a 16-week semester and must be adjusted for the summer session.

**Resident Study Requirements.** The total number of hours of academic credit used to satisfy residency requirements consists of all course credit hours that appear on the plan of study, other graduate course credit hours with grades of C or better that appear on the Purdue transcript, and research hours that appear on the Purdue transcript.

1. Master's Degree:
  - At least one-half of the total credit hours used to satisfy degree requirements must be earned in residence on the Purdue campus where the degree is to be granted. Course credits obtained via televised instruction from a campus shall be considered to have been obtained in residence on that campus.
  - At least 30 total credit hours are required.

## 2. Doctoral Degree:

- At least one-third of the total credit hours used to satisfy degree requirements must be earned (while registered for doctoral study) in continuous residence on the Purdue campus where the degree is to be granted.
- At least 90 credit hours are required.
- A master's degree from any accredited university is considered to contribute 30 credit hours toward satisfying this residency requirement.

In fulfilling these requirements, a maximum of 15 credit hours will be allowed from any one semester (maximum hours proportional to length of summer session).

**Registration.** Any graduate student using University facilities or being supervised by a faculty member must be properly registered. The registration of a graduate student should reflect the nature and amount of the student's study and research activities as accurately as possible. Research includes literature reviews and thesis writing. A candidate for any advanced degree must be registered during the session in which he or she expects to receive the degree. Students in the last semester of a thesis option master's program or a Ph.D. program *must* be registered for a minimum of one credit hour of research unless specifically excused, through Graduate School approval, to register for "exam only" or "degree only."

Proper registration is the responsibility of the student, the major professor, and the student's department. The Graduate School staff does not (except in unusual cases) counsel individual graduate students relative to their programs and progress. All necessary contacts with the Graduate School should, in general, be made through the student's department.

**Transfer Credit.** Credits earned for graduate study at other universities may be applied toward an advanced degree. Only credit hours associated with graduate courses for which grades of B or better were obtained will be eligible for transfer. Any additional conditions under which credit transfers may be made are determined by the various departments.

**Excess Undergraduate Credit.** Course credits earned while an undergraduate at Purdue University or other accredited institutions of higher learn-

ing may be applied toward an advanced degree if these credits are in excess of any requirements for the baccalaureate degree. Such credits must be certified as available for graduate credit by the institution from which the student received the baccalaureate degree, but will be accepted only if: (1) the student had senior standing when taking the course, (2) the student received a grade of B or better, (3) the course was designated as a graduate course, and (4) the course was taken at the graduate level.

The sum of the credits earned as undergraduate excess and the credits earned in post-baccalaureate status that can be used on a plan of study is limited to 12 hours. (See "Nondegree-Seeking Graduate Students.") Any additional conditions under which excess undergraduate credits may be used for graduate credit are determined by the various departments.

**Credit by Examination.** In special cases, it may be possible for the graduate student to obtain credit by taking a comprehensive examination, if authorized by the department, over the subject matter included in a specific graduate course. Students must register for course examinations with the registrar and pay a special fee to the bursar.

## Candidacy

**Master's Degree.** Admission to candidacy for the master's degree is granted after approval of a plan of study by the student's advisory committee, head of the graduate program, the school dean, and by the Graduate School dean, as described below.

**Ph.D. Degree.** Admission to candidacy for the degree of Doctor of Philosophy takes place only after the student has passed a preliminary examination, which is usually administered near the close of the second year of graduate study or when substantially all of the coursework has been completed.

## Master's Degree Regulations

**Advisory Committee.** For each prospective candidate for the master's degree, an advisory committee shall be appointed, consisting of at least three members of the graduate faculty. The duties of this committee are to assist the student in the preparation of a plan of study and to advise him or her during the period of graduate work. In the case of the thesis option, the committee also

advises the student regarding research and writing of the thesis. The student, with the approval of the head of the graduate program, shall select a major professor. The major professor-student relationship must be a mutually acceptable one. When selected, the major professor will act as the chair of the student's advisory committee and be in charge of his or her research. The advisory committee as agreed upon by the major professor and the student, with the approval of the head of the graduate program, shall be presented to the dean of the Graduate School for approval and formal appointment. The dean may appoint additional members if it seems advisable.

**Plan of Study.** A tentative plan of study should be drawn up in advance of registration for the first semester of graduate work, and the formal plan of study must be submitted to the dean of the Graduate School before the final session, preferably during the first semester in residence.

The plan of study shall be appropriate to meet the needs of the student in his or her chosen field, as determined by the advisory committee and approved by the head of the graduate program, the school dean (if so requested by the school), and the dean of the Graduate School. It shall include the specific courses the student is expected to complete and all other requirements of the particular master's degree he or she is seeking. Neither 100- nor 200-level courses may appear on a plan of study. Otherwise, requirements for the numerical level (300 through 600) of courses are determined by each department or administrative unit, subject to the restriction that not more than a total of six 300- or 400-level course credit hours may appear on a plan of study. Research credits are not to appear on the plan of study. The quantitative aspects of research registration are controlled by departmental requirements and/or by residence requirements, registration limits, and thesis requirements. Course credits earned by a student whose graduate study and/or professional activity has been inactive for five years or more cannot be used on a plan of study for an advanced degree. A plan of study approved prior to such a period of inactivity is invalid. Requirements for the specific number of credit hours will be determined by each department or administrative unit that supervises master's degree programs. For specific requirements, the student should consult the introductory sections of the departmental course offerings under the general heading "Descriptions

of Programs and Courses" in this bulletin and request from the department information about any additional requirements.

**Nonthesis Master's Degree.** The Graduate School has no general requirement for oral and written examinations for the nonthesis master's degree. In any department, the final examination may be waived if the student meets the minimum requirements of the department. In some departments, a final examining committee is appointed for each candidate for the nonthesis master's degree and a final examination report is filed with the Graduate School before the end of the session in which the student is to receive a degree. The committee must certify to the Graduate School either that the student has passed the required examinations of the department or that the committee is satisfied with the accomplishment of the student, as determined through a committee conference. In other departments, neither a final examining committee nor a final examination is required. In these departments, the student is certified for the degree as a result of satisfying established graduation requirements of the department.

**Thesis Master's Degree.** Every candidate whose plan of study follows the thesis option must prepare an acceptable thesis in residence. Research in absentia is not allowed for the master's degree. In general, the thesis will be based on work done in connection with the primary area. The work will consist of assigned research, which shall be recorded with no grades given except "satisfactory" and "unsatisfactory."

The general schedule for submitting the master's thesis is similar to the schedule cited on the following pages for the Ph.D., except that only three members of the graduate faculty are required for the final examining committee, and no micro-filming fee is required.

After the research has been completed and the thesis written, the candidate shall be given a final examination in which he or she defends the thesis and demonstrates to the examining committee that he or she has all of the capabilities for which the master's degree is awarded. The dean of the Graduate School reserves the right to appoint additional committee members.

**Multiple Master's Degrees.** A student may earn two master's degrees from Purdue, provided there is no overlap in the two plans of study. Where the requirements for two advanced degrees are of a

nature requiring some overlap, instead of waiving the requirements for one of these degrees, (e.g., by dual listing of courses on the plans of study), the departments concerned may involve the student in alternate educational activities. As an alternative to multiple master's degrees, departments may wish to offer advanced degrees involving joint areas of study. A program of study involving the Ph.D. degree and two or more master's degrees may be approved, provided it meets all of the existing requirements and provided that any overlap between courses listed on the plan of study for the Ph.D. degree and those listed for the master's degrees involves only one of the master's plans of study.

## Ph.D. Degree Regulations

The degree of Doctor of Philosophy is the highest earned degree conferred by Purdue University and is awarded only to those who have demonstrated superior ability in a recognized academic discipline. Each student's doctoral program must specify coursework that is rationally related, should be highly research oriented, and should culminate in a thesis of literary and scholarly merit that is indicative of the candidate's ability to conduct original research in a recognized field of specialization.

Doctoral programs are composed of formal courses, guided individual study in a chosen field or discipline, study in such cognate subjects as may be required by the candidate's advisory committee, and original research that serves as the basis of a scholarly thesis.

Before being admitted to candidacy for the Ph.D. degree, each student is required to pass a series of comprehensive examinations. Individual departments may require both qualifying and preliminary examinations and may require competence in one or more foreign languages.

A second Ph.D. degree program generally is not permitted at Purdue, but exceptional circumstances may be considered by the Graduate Council.

**Advisory Committee.** Each prospective candidate for the Ph.D. degree, with the approval of the head of his or her graduate program, shall select a major professor who will act as the chair of the advisory committee and who will direct the research. An advisory committee of not fewer than three members of the graduate faculty will then be ap-

pointed. The composition of this committee must be mutually acceptable to the student and the committee and should be representative of the general field of study in which the student expects to do work. The advisory committee as agreed upon by the major professor and the student, with the approval of the head of the graduate program, shall be presented to the dean of the Graduate School for approval and formal appointment. The dean may appoint additional members if it seems advisable.

**Plan of Study.** A plan of study should be prepared by the student and the advisory committee at the earliest practicable time. It is recommended that the plan of study be submitted before the end of the first semester following the acceptance of the student to work toward the Ph.D. degree, and all plans of study must be filed with the Graduate School before the preliminary examination is requested.

The plan of study shall specify the area or field of interest in which the student proposes to study and to conduct research. It shall meet the needs of the student as determined by the advisory committee by including the specific courses that the student is expected to complete and all specific course, seminar, language (if any), and research requirements of the department in which the student is a doctoral candidate, indicating the manner in which these requirements are to be met. Neither 100- nor 200-level courses may appear on a plan of study. Otherwise, requirements for the numerical level (300 through 600) of courses are determined by each department or administrative unit, subject to the restriction that not more than a total of six 300- or 400-level course credit hours may appear on a plan of study. Research credits are not to appear on the plan of study. The quantitative aspects of research registration are controlled by departmental requirements and/or by residence requirements, registration limits, and thesis requirements. Course credits earned by a student whose graduate study and/or professional activity has been inactive for five years or more cannot be used on a plan of study for an advanced degree. A plan of study approved prior to such a period of inactivity is invalid. A preliminary examination passed prior to such a period of inactivity is invalid. Requirements for the specific number of credit hours will be determined by each department or administrative unit that supervises doctoral programs.

The plan of study must be approved by the head of the graduate program, the school dean (if so requested by the school), and the dean of the Graduate School. The dean of the Graduate School reserves the right to refer any or all plans of study to the Graduate Council for review and approval when deemed advisable. The Graduate Council has the final authority to supervise the quality of all graduate programs.

**Qualifying Examinations.** Qualifying examinations for the Ph.D. degree are required in some departments of the University. These examinations are for the purpose of determining the student's qualifications to continue graduate study toward the Ph.D. degree.

**Preliminary Examinations.** After the student has completed most of the formal study to the satisfaction of the advisory committee and met the language requirement(s), if any, he or she becomes eligible to take the preliminary examinations. The results of these examinations, written and/or oral, will be reported to the Graduate School by the examining committee with an appropriate recommendation for the student's admission to candidacy, continued preparatory study, or discontinuation of study. The dean of the Graduate School reserves the right to appoint additional members to the preliminary examining committee. The dean must be informed of the date and place of the examination and the membership of the examining committee at least two weeks before the examination. No examining committee shall have fewer than three members of the graduate faculty.

The preliminary examination will be conducted by the examining committee. In some cases, parts of the examination may be delegated to certain other staff members, but the final responsibility for the examination rests with the student's examining committee. Departments need not offer written preliminary examinations more than once a semester, and it will be the responsibility of the student to learn in advance when these examinations are to be given.

If the student does not pass the preliminary examinations, at least one semester must elapse before re-examination is permitted. Should the preliminary examinations be failed twice, the student may not be given a third examination, except upon the recommendation of the examining

committee and with *special approval* of the Graduate Council.

After admission to candidacy, the candidate must devote at least two semesters to research before taking the final examination.

**Thesis.** The special research carried on as part of the doctoral work is expected to make a definite contribution to the candidate's chosen field of knowledge—a contribution of sufficient importance to merit publication. The candidate must, therefore, prepare a thesis showing the results of his or her research. Following is the schedule that should be adhered to with regard to the submission of the dissertation and final examination:

1. A first draft of the thesis should be in the hands of the major professor at least six weeks before the end of the session in which the degree is to be granted.
2. The thesis must be prepared according to departmental format requirements (available in departmental Graduate Studies Offices) and University format requirements as described in the *Manual for the Preparation of Graduate Theses*, a copy of which may be obtained in departmental Graduate Studies Offices or on the Web. The thesis must bear the written approval of the professor who has directed the research before it is submitted to the final examining committee.
3. The final examining committee for the doctoral candidate shall consist of a minimum of four members of the graduate faculty. The formal request for the appointment of the examining committee must be received in the Graduate School not later than two weeks preceding the final examination. This formal request must specify the time and place of the examination.
4. Generally, each member of the examining committee must receive a copy of the thesis at least two weeks before the date of the final oral examination.
5. Approval of departmental format requirements must be obtained before the thesis is delivered to the Library Thesis Deposit Office. University format requirements will be checked in the Library Thesis Deposit Office at the time the thesis is deposited.
6. The final examination must be taken and passed, and the report of the examination must be filed in the Graduate School before the last week of classes.

7. The completed and corrected deposit copy of the thesis, along with an extra copy of the title page and the abstract, must be deposited in the Library Thesis Deposit Office and a receipt thereof delivered to the Graduate School before the end of the first working day following the last day of classes of the session in which the degree is expected. Doctoral students must also submit one unbound copy of the thesis to the Library Thesis Deposit Office. The unbound copy will be sent to University Microfilms International for microfilming.
8. The sum of \$73 must be paid to the bursar of the University before the end of the session to pay for the cost of microfilming.

**Final Examination.** After the research has been completed and the dissertation written, the candidate shall be given a final examination in which he or she defends the thesis and demonstrates to the examining committee that he or she has all of the capabilities for which the Doctor of Philosophy degree is awarded. The examining committee shall consist of no fewer than four members of the graduate faculty. The dean of the Graduate School reserves the right to appoint additional committee members.

## Publication and Use of Theses

The results obtained and the thesis prepared for an advanced degree are the property of the Uni-

versity. Except for the standard arrangement for the publication of Ph.D. theses on microfilm (see the following paragraph), no part of the thesis may be reproduced or published without the authorization of the president of the University or his designee. Unless otherwise named, the head of the department supervising the work shall act for the president. No part of the thesis may be used, directly or indirectly, in support of or in condemnation of any product or procedure referred to therein.

Purdue University has an agreement with University Microfilms International, Ann Arbor, Michigan, for microfilming Ph.D. theses. The availability of the dissertation in film format will be announced by a listing of the title and a reproduction of the thesis abstract in *Dissertation Abstracts International*, a monthly journal distributed to leading libraries here and abroad. The thesis fee covers the cost of microfilming and the publication and distribution of the abstract. A film copy or paper enlargement of all or part of the thesis may be ordered by anyone from the publishers of *Dissertation Abstracts International*. The original thesis and one unbound microform copy will be deposited in the University Libraries. Publication by microfilm does not preclude the printing of a dissertation in whole or in part in a journal or as a monograph.

## Student Employment and Support

**Graduate Appointments.** Approximately 60 percent of the degree-seeking graduate students receive some type of appointment each year. There are two kinds: (1) fellowships and traineeships requiring no service to the University; and (2) appointments that require the rendering of service.

**Graduate Assistantships.** Assistantships are available in instruction, research, academic counseling, or other activities directly supporting teaching and research, with most being half-time appointments. Assistantships carry an exemption of tuition and most fees and carry stipends and recommended academic load limits proportional to the time commitment of the appointment.

**Graduate Instructorships.** Limited numbers of graduate instructorships are available in some de-

partments for advanced students with superior qualifications who perform on a level higher and with more responsibility than that of a graduate assistant. These offer an exemption of tuition and most fees and higher stipends than assistantships, but are subject to the same academic load limit guidelines.

**Graduate Counselorships.** Part-time employment on the counseling staff of the residence halls is available to qualified students. In general, compensation for such employment amounts to room and board, exemption of tuition and most fees, and a small stipend. Counselors are limited to a maximum academic load limit of 16 credit hours, including both research and coursework, per semester (subject to further restriction at the discretion of the department in which the student is

enrolled). Interested applicants should apply directly to the director of residence halls. Personal interviews are required before final selection.

***Fellowships and Traineeships.*** Many outstanding graduate students hold fellowships or traineeships at Purdue University in programs sponsored by the University; by governmental agencies, such as the National Science Foundation, the National Air and Space Agency, the U.S. departments of Agriculture and of Education; and by institutions such as the Ford, Lilly, Mellon, and Rockefeller foundations. Most of these awards are made on a competitive basis to eligible applicants or nominees, with scholarly potential and excellence being the criteria for selection of a student to receive an award. Usually an award supports a fellow in full-time study and research in an advanced degree program, and it normally provides for tuition and most fees in addition to a stipend.

Fellowships administered by the Graduate School usually are awarded by the middle of March and require that the recipient be admitted and nominated by the department to which the student has applied. Application materials should be submitted to the department as early as possible.

Application for some types of fellowships must be made directly to the sponsoring agency, and some agencies set deadlines as early as November. Program announcements from these agencies should be consulted for deadlines and application procedures.

***Purdue Presidential Distinguished Fellowships.*** Purdue Presidential Distinguished Fellowships, which are coordinated through the Purdue University Graduate School, encourage graduate students who have demonstrated superior academic achievements and abilities to attend Purdue University. Each year, approximately 10 new Purdue Presidential Distinguished Fellowships are awarded to beginning graduate students. The tenure of the award is for two years.

***Frederick N. Andrews Doctoral Fellowships/Assistantships.*** Each year the University awards 25 new doctoral fellowships/assistantships, which include a waiver of tuition and most fees in addition to a stipend. These fellowships/assistantships are allotted by the Graduate School to the various schools in the University, and the selection of fel-

lows is made within each school. Students who wish to be considered for these fellowships/assistantships should apply to a department early. The tenure of the award is for two years.

***Graduate Opportunities Doctoral and Master's Fellowships/Assistantships.*** The University awards 20 new fellowships/assistantships each year to under-represented minority students entering or enrolled in doctoral and master's programs. The tenure of these awards is for two years, after which time departmental support is expected to be available for timely completion of the degree. Each award provides a waiver of tuition and most fees in addition to a stipend and a dissertation or thesis allowance.

To be considered for a fellowship/assistantship, students must be admitted to Graduate School and be nominated by the department. A student's application to Graduate School should be received by the department no later than February 1 or earlier, as required by individual departments. Nominations are made by departments, and offers of fellowships/assistantships are made by the middle of March. Selections for these awards are made by a committee appointed by the dean of the Graduate School.

***Fees.*** All graduate teaching and research assistantships, Purdue University sponsored fellowships, and residence hall counselorships carry exemptions from University fees and tuition as indicated above. Students with these appointments also are entitled to purchase a student discount privilege to convocations and lectures and to acquire season athletic tickets at a staff discount.

***Special Initiatives Fellowships/Assistantships.*** Special Initiatives Fellowships/Assistantships, which are coordinated through the Purdue University Graduate School, are awarded to faculty on the basis of a proposal reviewed competitively. Faculty select the student recipient. The tenure of these awards is for one year.

***A.A.U. and C.G.S. Appointment Agreement.*** Purdue University is a member of the Association of American Universities and the Council of Graduate Schools in the United States. Along with other members of these associations, Purdue adheres to the following resolution:

"Acceptance of an offer of financial support (such as a graduate scholarship, fellowship, traineeship, or assistantship) for the next academic

year by a prospective or enrolled graduate student completes an agreement that both student and graduate school expect to honor. In that context, the conditions affecting such offers and their acceptance must be defined carefully and understood by all parties. Students are under no obligation to respond to offers of financial support prior to April 15; earlier deadlines for acceptance of such offers violate the intent of this resolution. In those instances in which a student accepts an offer before April 15, and subsequently desires to withdraw that acceptance, the student may submit in writing a resignation of the appointment at any time through April 15. However, an acceptance given or left in force after April 15 commits the student not to accept another offer without first obtaining a written release from the institution to which a commitment has been made. Similarly,

an offer by an institution after April 15 is conditional on presentation by the student of the written release from any previously accepted offer.”

**Self-Supported Students.** Students who do not have graduate appointments should have appropriate personal funds to cover the tuition, fees, and estimated living costs as determined by the University. The tuition and fee schedules are approved annually by the Board of Trustees. For specific information, applicants should contact the department to which they are applying or the Office of International Students and Scholars. Federal regulations require that each international student provide proof of financial capability before being issued a Certificate of Eligibility for a visa.

## Residence Classification of Students for Tuition Purposes

**General.** These regulations establish the principles and procedures by which students shall be classified as residents or nonresidents for tuition purposes at Purdue University.

The assessment of tuition and fees for a given session is based upon the student’s residence classification as of the first day of classes for that session. Each student classified as a *nonresident* of the state of Indiana is required to pay a tuition fee in addition to the regular fees.

The initial classification of a student for tuition purposes shall continue in effect for subsequent academic sessions unless and until such classification is changed.

**Resident Students.** An unemancipated student shall qualify for resident classification if a parent or guardian of the student has been domiciled in the state of Indiana prior to the first day of classes of the academic session for which resident classification is sought.

An emancipated student shall be classified as a resident if the student is domiciled in the state of Indiana prior to the first day of classes of the academic session for which resident classification is sought.

**Definitions.** Following are definitions and guidelines that will be used by the University in the interpretation and application of these regulations.

**Domicile:** a person’s permanent home as distinguished from a temporary place of abode; where the person remains and intends to remain when not elsewhere for special or temporary purposes. A person has only one domicile at a time. Regardless of age, a student’s domicile is assumed to be that of his or her parent(s) or guardian until such time as the student becomes emancipated. To be considered domiciled in Indiana, a person must reside continuously in the state for a predominant purpose other than attending an institution of higher education for at least 12 months immediately preceding the first day of classes of the term for which resident classification is sought. However, an unemancipated student may be classified as a resident student without his or her parent(s) meeting the one-year residency requirement if the parent(s) establish(es) residency in Indiana and the parent(s) clearly demonstrate(s) that the move to Indiana was predominantly for reasons other than to enable the student (or any other child) to become entitled to the status of a resident student.

The following facts and circumstances, although not conclusive or exhaustive, help to support a claim of Indiana domicile:

1. Continuous presence in Indiana during periods when not enrolled as a student.
2. Reliance upon Indiana sources of income.

3. Acceptance of an offer of permanent employment in Indiana.
4. Ownership of real estate in Indiana that is not typically owned by a student.
5. Presence of all or substantially all personal property in Indiana.
6. Leave and Earnings Statement that indicates Indiana is the state to which state income tax is being withheld for military personnel.
7. Domicile in Indiana of student's spouse.
8. Admission to a licensed practicing profession in Indiana.
9. Moving to Indiana a significant period of time prior to enrolling at an institution of higher education, during which time the person is employed or engaged in a substantive activity unrelated to educational pursuits.
10. The existence of nonacademic reasons for coming to Indiana and leaving the previous domicile.

The following facts and circumstances, standing alone, shall not necessarily constitute sufficient evidence of domicile to result in classification as a resident under these regulations:

1. Bank accounts in Indiana.
2. Payment of Indiana income tax.
3. Voting or registration for voting in Indiana.
4. Automobile registration in Indiana.
5. Indiana driver's license.

*Emancipation:* the surrender by parent(s) or guardian of the care and custody of the student as well as the renunciation of parental responsibilities, including financial support. A student who is dependent upon his or her parent(s) or other person, other than a spouse, for financial support shall not be considered emancipated for the purpose of these regulations regardless of the student's age. A student will not be deemed emancipated if the purpose for which the student seeks to become emancipated is to shift the responsibility for his or her financial support from the student's parent(s) or guardian to any private or governmental agency furnishing financial support for educational purposes or to persuade the University to reclassify the student from nonresident to resident status. A student claiming emancipation may be requested to present satisfactory evidence that his or her parent(s) or guardian has not contributed significantly to his or her support nor claimed him or her as a dependent for federal or

state income tax purposes during the period for which emancipation is claimed.

*Guardian:* a person invested with the power, and charged with the duty, of taking care of the student and administering the property and rights of the student, provided that the guardianship was not created primarily for the purpose of obtaining an instate residence classification. In addition to a court-appointed guardian, the term also may include a relative, such as a grandparent, or other person with whom the student has resided for a period of at least 12 consecutive months and by whom the student has been supported for that same period if the student's parents are deceased or have abandoned him or her and if no legal guardian of the person has been appointed.

*Specific Provisions.* A foreign citizen shall not be considered for resident classification under these regulations unless such person has been granted by the United States Immigration and Naturalization Service either lawful permanent resident status or a special immigration status that would permit the foreign citizen to establish a domicile in Indiana.

Persons and their dependent children who were domiciled in Indiana and who resided in Indiana for at least one year immediately prior to leaving Indiana temporarily for reasons such as military assignment or employment (normally not to exceed two years) shall be eligible for resident classification, provided said persons have continued to maintain their domicile in Indiana while away from the state.

An unemancipated student once properly classified as a resident student shall be deemed to remain a resident student so long as he or she remains continuously enrolled in the University. To be continuously enrolled, a student must complete coursework in at least two academic sessions during a consecutive 12-month period.

If an individual establishes his or her emancipated status for a period exceeding 12 months, that emancipated status shall be deemed permanent for the purposes of these regulations.

*Administrative Responsibility for Residence Classification.* The director of admissions, or a designee, shall determine the initial residence classification of each undergraduate student at

the time the student enters or re-enters the University.

The dean of the Graduate School, or a designee, shall determine the initial residence classification of each graduate student at the time the student enters or re-enters the University.

All residence reclassifications shall be determined by the registrar or a designee.

Persons responsible for determining residence classification are authorized to require such certificates, affidavits, documents, or other evidence as they deem necessary. In all cases, the burden of proof shall be upon the student making a claim to resident student status.

***Changes from Nonresident to Resident Status.***

If a student is classified as a nonresident, the University will presume that such status continues to be accurate unless and until the student applies to the registrar for reclassification to resident status.

The student's application for classification as a resident shall be submitted in writing on a form supplied by the registrar any time after the domicile requirement, including one year of residence, has been met, but no later than 15 days after the day on which classes begin for the academic session for which reclassification is sought. The registrar shall render a decision no later than 30 days after the application is filed.

***Changes from Resident to Nonresident Status.***

If a student is classified as a resident, the University may initiate a reclassification inquiry, based on changes in facts that would justify such an inquiry.

If an emancipated student establishes and maintains a domicile outside the state of Indiana for a period of 12 consecutive months, the student shall be reclassified to nonresident status at the end of the cited 12-month period.

Reclassification shall be effective beginning with the first academic session following the cited 12-month period.

***Failure to Provide Adequate Information.*** A student who fails to notify the University of a change of factors or provides false information that might affect classification or reclassification from resident to nonresident status shall be required to pay

retroactively any tuition fees that normally would have been assessed. In addition, a student who provides false information or conceals information for the purpose of maintaining or achieving resident status may be subject to appropriate disciplinary action, as well as other penalties that may be prescribed by the law.

***Residence Classification Review.*** A student who is not satisfied with a determination concerning his or her residence classification may appeal the decision to the Residence Review Committee, which convenes on the West Lafayette Campus. The appeal shall be in writing and shall include reasons for the appeal and a complete statement of the facts upon which the appeal is based, together with supporting affidavits or other documentary evidence. The appeal must be filed within 30 days after the first day of classes of the academic session for which the determination is effective or within 30 days after the original decision has been reconsidered, whichever occurs later. Failure to file such an appeal within the specified time limit shall constitute a waiver of all claims to reconsideration for that academic session.

Consistent with the general intent and purpose of these regulations, the committee may uphold or reverse the decision of the classifying official. The Residence Review Committee is authorized to classify a student as a resident, though not meeting the specific requirements herein set forth, if the student's situation presents unusual circumstances and the classification is within the general scope of this regulation. The decision of the committee in all cases shall be final.

***Residence Review Committee.*** A Residence Review Committee shall be appointed by the president of the University. Persons otherwise responsible for determining residence classification of students may assist the committee in a consultative capacity.

The functions of the committee shall be (1) to review decisions relative to residence classification, when appealed, and to make final decisions relative to such cases and (2) to recommend to the president amendments to these regulations.

## Tuition and Fees\*

All University fees are subject to change without notice.

(The following applies to the West Lafayette Campus only for the academic year 1999-2000. For fees at campuses other than West Lafayette, consult the applicable campus catalog.)

	<b>Per Semester</b>	
	<b>Indiana Residents</b>	<b>Non- Residents</b>
Full-time students	\$1,812	\$6,124
Part-time students: Any student taking not more than seven hours in any semester (five in summer session) pays \$130 per semester hour of credit as a resident student or \$404 per semester hour if the student is a nonresident.		
Part-time graduate assistants and graduate instructors: Must be employed at least quarter-time to qualify. May purchase the student discount privilege to convocations and lectures for \$5.15 per semester and are eligible to purchase staff season tickets for athletic events.	\$ 320	\$ 320
Fellows	\$1,812	\$6,124
Full-time staff members: Limited to seven hours a semester (four in summer session) without special approvals.	\$ 33	
Summer session fees: Students taking six through nine credit hours pay full summer session fees (\$906 as a resident student or \$3,062 as a nonresident). Resident students taking one through five hours (part-time) pay \$130 per credit hour and \$404 per credit hour as nonresidents. Students taking 10 or more credit hours are assessed the full summer session fees, plus the part-time fee rate on all hours of 10 or more.	per credit hour	
Graduate students assigned to no courses, but taking final examinations (requires Graduate School approval).	\$ 106	\$ 106
Graduate students assigned to no courses, but registering for "Degree Only" (requires Graduate School approval).	\$ 106	\$ 106
Research in absentia for Ph.D. degree candidates: Must register each semester until the degree is granted.	\$ 320	\$ 320
Visitors: Full-time faculty, administrative and professional staff, postdoctoral fellows, visiting scholars, and regular clerical and service staff may attend University courses as visitors without payment of fees under certain conditions. (See <i>Executive Memorandum C-7.</i> )		
Late registration fee will be paid by any student who registers on or after the first day of classes.	\$ 50	\$ 50
Ph.D. thesis microfilming fee is required of candidates for the degree of Doctor of Philosophy.	\$ 73	\$ 73

**Refunding of Fees and Tuition.** Registered students who find it necessary to cancel their registration before the beginning of classes will receive, upon recommendation of the registrar, a 100 percent refund of all fees and tuition. No portion of the health, student activity, recreation facilities, or academic building facilities fees will be refunded on or after the beginning of classes.

Students who withdraw during the first six weeks of a semester (proportional time to length of summer session) will receive, upon recommendation of the registrar, 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. *Summer (eight-week) session*—(1) withdrawal during the first week, 80 percent refund; (2) withdrawal during the second week, 60 percent refund; (3) withdrawal during the third week, 40 percent refund. *Summer (four-week) session*—(1) withdrawal during day 1-3, 80 percent refund; (2) withdrawal during day 4-5, 60 percent refund; (3) withdrawal during day 6-8, 40 percent refund.

First-time students to Purdue University who have Title IV federal financial aid are subject to a different refund schedule. Once classes begin, refunds are prorated, based on the date of the withdrawal from class(es). Refunds are calculated on all fees and tuition based on a diminishing scale. The refund period is through week ten of the fall

and spring semesters and through week five for an eight-week summer module.

**Accident Insurance.** The University provides, at its expense, an Accident Insurance Plan for all graduate students and postdoctoral research fellows on the West Lafayette Campus. The coverage provides accidental death (\$15,000), dismemberment (up to \$30,000), disability income, and medical expense (up to \$25,000, with a \$250 deductible) for those hazards to which an insured person may be exposed while engaged in class work, research, course-related activities, or in approved field work or travel for University activities related to research or coursework. Coverage is not provided in the place of residence or while commuting to and from normal on-campus instructional or research locations. Coverage in aircraft is restricted, and coverage does not apply if the insured is acting in the capacity of an employee. The latter would be covered under a separate worker's compensation policy.

**Medical Insurance for Graduate Student Staff.** The University offers a Graduate Student Health Insurance Program for Purdue students who are employed half-time or greater and are classified as Graduate Teaching or Research Assistants or who hold graduate staff administrative appointments. (Residence hall counselors and fellowship recipients are not eligible.) The University subsidizes 80 percent of the annual cost for health insurance coverage, and students cover the remaining cost through payroll deduction. Spouses and dependent children also may be covered; however, the insured is responsible for the full cost.

## West Lafayette Campus Housing

*Rates quoted are subject to change without notice as approved by the Board of Trustees.*

**University Accommodations for Full-time Students and Dependents.** Modern fireproof apartments are available adjacent to the campus in the Purdue Village areas. These apartments are University-operated for the benefit of the full-time graduate or undergraduate student with dependents.

Each apartment is equipped with a stove, refrigerator, and connection to a central cable TV

antenna; drapes are not included. Occupants in the one-bedroom apartments have access to coin-operated washers and dryers in the building basements, while the two-bedroom apartments have washers and dryers. One-bedroom apartments range from \$417 to \$434 per month, and two-bedroom apartments (if available) range from \$514 to \$529 per month for the 2000-2001 academic year. All utilities are furnished except long distance telephone service.

School-age children may attend the Tippecanoe School Corporation schools at Klondike

Elementary and Junior High or Harrison Senior High. School bus service is available.

Applications for these accommodations should be made in writing to: Manager, Purdue Village PVAB, 250 Nimitz Drive, West Lafayette, Indiana 47906-3316.

Students are urged to file applications 12 months earlier than the anticipated check-in date. Purdue Village has been heavily subscribed, and late-filing applicants have been placed on waiting lists that do not always result in an assignment offering.

#### ***University Accommodations for Single Students.***

The University's fully air-conditioned graduate houses provide reasonably priced accommodations in a combination of single and double rooms for men and for women. These high-rise structures are located near the center of Purdue's main campus. The carpeted corridors, acoustically treated rooms, and individual furnishings help to create a private, quiet atmosphere. Each floor provides individuals or small groups with attractive lounges for study, television viewing, or conversation. All facilities and services, including the furnishing and laundering of bed linens, are designed to secure optimum comfort and convenience for graduate students. Additional information about rates, availability, etc., may be

obtained by writing to: Manager's Office, Box 100, Young Graduate House, West Lafayette, Indiana 47906-3572.

***Privately Owned Living Accommodations.*** Off-Campus Housing Services, offered through the Office of the Dean of Students, is a listing of rental units in the Greater Lafayette area that are available for students at Purdue. These listings contain information about a variety of accommodations, including rooms, apartments, efficiencies, boarding situations, mobile homes, and houses. Since this is a listing service only, rental units are neither approved nor disapproved by the University. The off-campus housing list is now available on the Web at: [www.ssinfo.purdue.edu](http://www.ssinfo.purdue.edu).

In addition to the computerized listing, which is updated daily according to information provided by landlords, the service offers literature about apartment complexes and subleasing. Students also can locate housing off campus through the *Journal and Courier*, a Lafayette daily newspaper, and *The Purdue Exponent*, a student newspaper that is published daily when school is in session.

For a copy of the brochure *Your Home Off Campus*, write to: Off-Campus Housing Services, Purdue University, 1096 Schleman Hall, West Lafayette, Indiana 47907-1096, or call (765) 494-7663.

## Cultural, Recreational, and Entertainment Opportunities

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The West Lafayette Campus offers a wide variety of cultural and recreational opportunities for graduate students and their families.

Four excellent theatre facilities provide a broad variety of cultural events throughout the year. These range in size from the Edward C. Elliott Hall of Music (6,025 seats; one of the largest and best-equipped halls in the world) to the intimate Experimental Theatre (176 seats).

***Convocations.*** Each season the Department of Convocations brings the best from Broadway to ballet, from Bach to Brubeck, from Baroque to the blues—and more. For current offerings, call (765) 494-9712.

***Film.*** A wide variety of films are presented on campus each year, including the Cinema Now series of international films sponsored by the

Department of Convocations and films sponsored by the Purdue Film Society and the Purdue Student Union Board.

***Popular Entertainment.*** Big-name entertainers (pop, rock, comedy, and country) appear in concert each year under the sponsorship of the Student Concert Committee and/or the Department of Convocations.

***Purdue Musical Groups.*** Purdue offers both vocal and instrumental musical performance opportunities for graduate students.

The Department of University Bands offers 12 curricular offerings in instrumental music, including marching band, five concert bands, four jazz bands, a big band with vocalists, and a full symphony orchestra. Numerous extracurricular ensembles also are available. Summer jazz and

concert bands are open to students, faculty, and community members.

Purdue Musical Organizations (PMO) consists of five performing groups: Varsity Glee Club; Purduettes; University Choir; PMO Express; and a handbell ensemble, the Purdue Bell Choir.

**Theatre.** Purdue Theatre presents a wide range of productions. Guest artists from New York and Chicago frequently participate in the program. The professional faculty, graduate students, and undergraduates direct, act in, and design the productions.

**Recreational Sports Center.** This facility, unique among institutions of higher learning, provides excellent facilities for a wide variety of recreational sports and fitness activities. The staff of the Division of Recreational Sports provides all students opportunities to participate in the informal, intramural, and club sports programs.

**Intercollegiate Athletic Events.** Graduate students may attend intercollegiate athletic events by purchasing a season ticket at the staff rate.

**Conferences.** Each year Purdue University is the scene of hundreds of conferences of local, national, and international significance. Included are not only educational and professional organizations and societies from many fields, but also cultural and religious groups.

**Eating Facilities.** Cafeterias and dining rooms in the Purdue Memorial Union and in Hawkins Graduate House are available for daily meals on campus. In addition, comparable services are provided in Lynn Hall and in the RHIT Cafe and the John Purdue Room in Stone Hall. Numerous city restaurants also are easily accessible.

**Religious Organizations.** As a state university, Purdue is nonsectarian. Nevertheless, it recognizes the importance of religion in the lives of students and their families. There are more than 50 student religious organizations affiliated with the West Lafayette Campus. Student religious groups sponsor discussions, lectures, suppers, musicals, movies, social activities, and religious worship services.

## C.I.C. Traveling Scholar Program

Purdue University is a participant in the Traveling Scholar Program for graduate students enrolled in any Committee on Institutional Cooperation (C.I.C.) institution. The participating institutions are the Big Ten universities plus the University of Chicago, the University of Illinois at Chicago, and the University of Wisconsin at Milwaukee.

This program enables a graduate student studying toward a Ph.D. degree to travel to another of the member institutions for up to two

semesters or three quarters of study to take advantage of resources available on another campus but not available on his or her campus, including special course offerings, research opportunities, unique laboratories, library collections, etc.

Faculty members and students should confer with the CIC Traveling Scholar liaison officer in the Graduate School, Room 160, Young Graduate House, or call (765) 494-2598 for further information.

## Summer Session

The summer session comprises three four-week modules. Courses may be scheduled by departments during any one or any combination of modules throughout the 12-week period.

Credits earned during any of the summer sessions may be applied toward the fulfillment of requirements for advanced degrees in the same manner and subject to the same rules and regulations as credits earned during fall and spring semesters.

## Study at Campuses other than West Lafayette

Graduate courses of instruction are available at locations away from the West Lafayette Campus of Purdue University. These courses are identical to courses carrying the same numbers at the West Lafayette Campus. Teaching personnel in these programs are either regular staff members of the University or have comparable academic and teaching qualifications as determined and approved by the heads of the Purdue graduate programs in the subject-matter areas. Such courses are regularly available at the Indiana University-Purdue University campuses at Fort Wayne and Indianapolis, and at Purdue University campuses at Hammond and Westville.

### Degree Programs

The Graduate School has authorized the offering of courses and the establishment of a number of programs leading to advanced degrees in which part or all of the graduate study may be completed away from the West Lafayette Campus. Currently, courses and/or programs are offered at the Calu-

met (Hammond) and North Central (Westville) campuses of Purdue University, Indiana University Purdue University Indianapolis, and Indiana University Purdue University Fort Wayne.

Students who expect to pursue coursework at one of these locations and obtain a degree must qualify for admission to the Purdue University Graduate School. Qualified students who complete individual courses away from the West Lafayette Campus are granted full graduate credit, subject to the same restrictions as those on the main campus; namely, only those courses that meet the approval of the student's advisory committee and the dean of the Graduate School may be used in a plan of study for an advanced degree. A student wishing to take a graduate-level course at a campus other than the campus of degree admission must apply for admission to that campus. Postbaccalaureate status is appropriate for such admission.

Students interested in these course offerings or programs should consult the applicable campus catalog.

## Descriptions of Programs and Courses

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Please consult the Graduate School's Web site ([www.purdue.edu/GradSchool](http://www.purdue.edu/GradSchool)), where the academic programs section provides a link to descriptions of individual programs and to each campus in the Graduate School System. It is expected that the courses listed on the following pages will be offered in the specified semesters, provided that the number of students registering for any course does not fall below the minimum number established for it and provided that staff and facilities can be made available. When a semester is not specified, the course either is not offered on a regular schedule, or it is offered only upon sufficient demand.

Courses numbered 500 to 599 are open to advanced undergraduate students as well as to graduate students. Courses numbered 600 to 699 are primarily for graduate students.

All courses listed in this bulletin are offered at the West Lafayette Campus unless it is specifically indicated that they are offered *only* at another campus. Courses that also may be available at other campus locations are indicated as follows: (C) Calumet; (FW) Fort Wayne; (I) Indianapolis; (NC) North Central.

The following abbreviations of subject fields are used throughout the "Descriptions of Programs and Courses" section of this bulletin. Alphabetization is according to abbreviations.

### Abbreviations

**A&AE**—Aeronautics and Astronautics  
**A&D**—Art and Design  
**ABE**—Agricultural and Biological Engineering  
**ACS**—Applied Computer Science

**AGEC**—Agricultural Economics  
**AGRY**—Agronomy  
**AMST**—American Studies  
**ANSC**—Animal Sciences  
**ANTH**—Anthropology

- ASL**—American Sign Language  
**ASM**—Agricultural Systems Management  
**ATMS**—Atmospheric Sciences  
**AUS**—Audiology and Speech Sciences  
**AUSL**—Audiology and Speech Sciences/  
Linguistics  
**BCHM**—Biochemistry  
**BIOL**—Biological Sciences  
**BMS**—Basic Medical Sciences  
**BTNY**—Botany and Plant Pathology  
**CDFS**—Child Development and Family  
Studies  
**CE**—Civil Engineering  
**CHE**—Chemical Engineering  
**CHM**—Chemistry  
**CHNS**—Chinese  
**CIMT**—Computer Integrated Manufacturing  
Technology  
**CLCS**—Classics  
**CLPH**—Clinical Pharmacy  
**COM**—Communication  
**CS**—Computer Sciences  
**CSCI**—Computer and Information Science  
(Indianapolis Campus)  
**CSR**—Consumer Sciences and Retailing  
**ECON**—Economics  
**EDCI**—Educational Curriculum and  
Instruction  
**EDFA**—Educational Foundations and  
Administration  
**EDPS**—Educational Psycho-Educational  
Studies  
**EE**—Electrical Engineering  
**ENGL**—English  
**ENTM**—Entomology  
**F&N**—Foods and Nutrition  
**FLL**—Foreign Languages and Literatures  
**FNR**—Forestry and Natural Resources  
**FR**—French  
**FS**—Food Science  
**GEOS**—Geosciences  
**GER**—German  
**GRAD**—Graduate  
**H&S**—Health and Safety  
**HIST**—History  
**HORT**—Horticulture  
**HPER**—Health, Physical Education, and  
Recreation  
**HSCI**—Health Sciences  
**IE**—Industrial Engineering  
**IPPH**—Industrial and Physical Pharmacy  
**ITAL**—Italian  
**JPNS**—Japanese  
**LA**—Landscape Architecture  
**LING**—Linguistics  
**MA**—Mathematics  
**MCMP**—Medicinal Chemistry and Molecular  
Pharmacology  
**ME**—Mechanical Engineering  
**MGMT**—Management  
**MSE**—Materials Engineering  
**MUS**—Music  
**NUCL**—Nuclear Engineering  
**NUPH**—Nuclear Pharmacy  
**NUR**—Nursing  
**OBHR**—Organizational Behavior and Human  
Resource Management  
**OLS**—Organizational Leadership and  
Supervision  
**PE**—Physical Education  
**PHAD**—Pharmacy Administration  
**PHIL**—Philosophy  
**PHPR**—Pharmacy Practice  
**PHYS**—Physics  
**POL**—Political Science  
**PSY**—Psychological Sciences  
**PSYI**—Psychology (Indianapolis Campus)  
**PTGS**—Portuguese  
**RECR**—Recreation  
**RHIT**—Restaurant, Hotel, Institutional, and  
Tourism Management  
**RUSS**—Russian  
**SOC**—Sociology  
**SPAN**—Spanish  
**STAT**—Statistics  
**SWRK**—Social Work  
**TECH**—General Technology  
**THTR**—Theatre  
**VCS**—Veterinary Clinical Sciences  
**VPB**—Veterinary Pathobiology  
**WOST**—Women’s Studies