

# Graduate Education

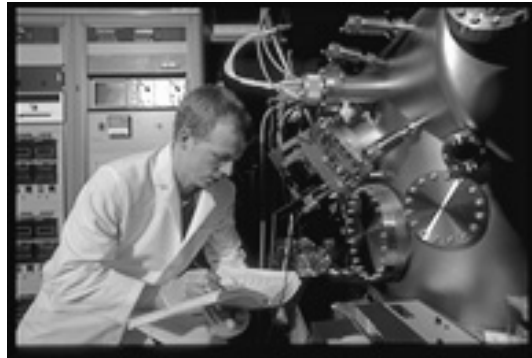
## Mission

To prepare students for specific careers and to help people advance within their chosen occupations.

## Summary of Activities

In Indiana, five public universities offer graduate education leading to master's and doctoral degrees: **Ball State University, Indiana State University, Indiana University** (all campuses), **Purdue University** (all campuses), and the **University of Southern Indiana**. The breadth and depth of graduate education is strongest at IU Bloomington and Purdue - West Lafayette.

Many public campuses, including IU and Purdue regional campuses and the University of Southern Indiana, offer master's degrees for adults employed in such fields as business, education, and public administration. Just five campuses – IU Bloomington, IUPUI, Purdue West Lafayette, Ball State and Indiana State universities – offer doctoral degrees, predominantly Ph.Ds. In 1998-99, the public universities enrolled 45,111 students in graduate programs and conferred 5,421 master's and 953 doctoral degrees. The largest number of master's degrees were awarded in education and business. The largest number of doctoral degrees were awarded in education and engineering.



## External Factors

Especially at the doctoral level, the universities produce degree recipients for a national, even international, market. Because some Ph.D. graduates find no jobs waiting for them, however, discussion has arisen nationally about how much graduate education is enough. At the other end of the career ladder, many faculty members in Indiana universities will soon retire. Campuses will have to plan for their replacement, including the possible reallocation of faculty from lower to higher performing academic units or programs.

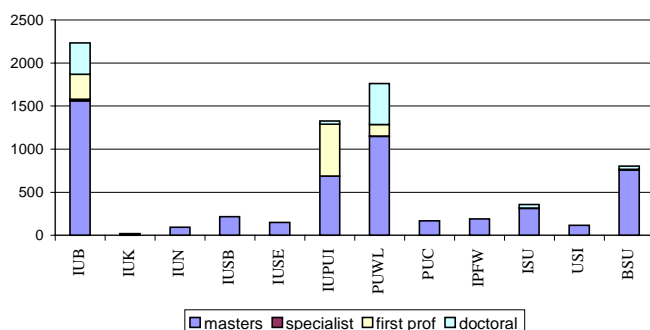
Master's degrees are sought after by employers, employees, and campuses alike. The existence of the Community College of Indiana may increase demand for these degrees as the regional campuses are encouraged to focus more on junior- and senior-level courses. Since every community provides schools, human services, health care and public safety, there is always strong local demand for master's degree programs in these areas.

## Evaluation and Accomplishments

Purdue University is known above all for its engineering programs. The School of Engineering is ranked ninth nationally – fifth among public universities – by *U.S. News and World Report*. Corporate recruiters rank it third. The School of Engineering provides a significant distance education program, Continuing Engineering Education (CEE). Through CEE, baccalaureate-trained engineers may pursue masters' degrees or attend an array of non-credit workshops.

Indiana University is perhaps most famous for its School of Music programs. A reputational survey by *U.S. News and World Report* ranked IU's Master of Music program second in the nation. Music school deans and faculty members have ranked IU number one. The school emphasizes musical performance and presents about 1,000 public programs each year. It is also home to a Center for Electronic and Computer Music.

Graduate Degrees Awarded, By Campus and Level, 1998-99



## A Selection of Ranked Graduate Programs (National Ranking)

### IU Bloomington

Botany (15)  
 Business Administration, EMBA (5)  
 Business Administration, MBA (11)  
 Business Administration, Doctoral (8)  
 Clinical Psychology (7)  
 Drama/Theatre (7)  
 Education (5)  
 English (18)  
 German (8)  
 History (12)  
 Journalism (10)  
 Library Science (3)  
 Optometry (3)

Political Science (21)  
 Psychology (13)  
 Public Administration (3)  
 Radio/Television/Film (5)  
 Slavic Languages (3)  
 Speech Pathology/Audiology (7)

### PU West Lafayette

Aerospace Engineering (7)  
 Agricultural Economics (6)  
 Agricultural Engineering (5)  
 Agricultural Sciences (4)  
 Agronomy/Soil Sciences (9)

Business Management, EMBA (12)  
 Chemical Engineering (15)  
 Civil Engineering (11)  
 Electrical Engineering (8)  
 Entomology (8)  
 Industrial Engineering (3)  
 Inorganic Chemistry (4)  
 Mechanical Engineering (10)  
 Nuclear Engineering (11)  
 Nutrition (7)  
 Organic Chemistry (2)  
 Physical Chemistry (6)  
 Plant Pathology (2)  
 Speech Pathology/Audiology (6)  
 Veterinary Medicine/Sciences (9)

## Plans for the Biennium

Indiana University's highest priority for 2001-03 is obtaining funds for its new School of Informatics. Focused on the art, science, and human dimension of information, the School will offer one undergraduate and four master's degree programs. The School will open initially in Bloomington and at Indianapolis, but it is expected eventually to extend to all Indiana University campuses.

Purdue University's chief priority within graduate education is to enhance its "research environment" in the fields of genomics and biotechnology. Accomplishing this would foster the application of life-science technologies to agriculture and the health fields. It would also support graduate education in many fields. Purdue also intends to strengthen its programs in biomedical engineering and computational science. While doing this will not add graduate degrees, it will greatly enhance the university's research capabilities in these fields. This can only enrich existing graduate programs.

