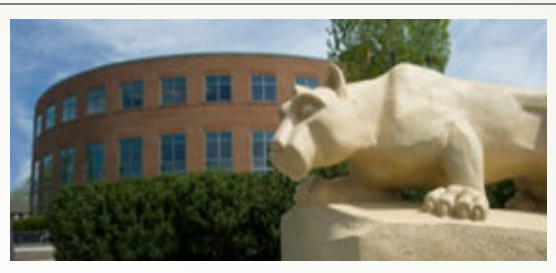


Ph.D. in Biomedical Sciences / Master of Science in Information Systems

The Penn State College of Medicine, Biomedical Sciences Graduate Program, and the School of Business Administration of Penn State Harrisburg offer cooperative programs leading to the degrees of Doctor of Philosophy (Ph.D.) to be granted by the Penn State College of Medicine, and Master of Science in Information Systems (M.S.I.S.) to be granted by Penn State Harrisburg. These concurrent degree opportunities facilitate the completion of both a pharmacology doctorate and a professional degree in information systems. The programs are designed primarily for students interested in pursuing a career involving high-quality independent research and positions of management responsibility within the pharmacological community.



Contact

Administrative Support Assistant

Amy K. Jones-Atkins

akj11@psu.edu

+1 717 948 6140

Professor-in-Charge

Parag Pendharkar, Ph.D.

pxp19@psu.edu

717 948 6028

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PennState
Harrisburg

777 West Harrisburg Pike
Middletown, PA 17057
Phone: 717-948-6139
harrisburg.psu.edu



PennState
Harrisburg

**School of Business
Administration**



**Ph.D. in Biomedical
Sciences / Master of
Science in Information
Systems**

Curriculum

Advising

All students in the concurrent program have two advisers, one in the School of Business Administration and one from the faculty in the Biomedical Sciences Graduate Program. Because the concurrent program is designed to be taken in synchrony with the objective that both degrees will be earned simultaneously, students who do not demonstrate progress toward completion of both degrees may be denied continuation in the concurrent program. Such a decision will rest jointly with the faculties of the M.S.I.S. and the Ph.D. programs. If students accepted into the concurrent degree program are unable to complete the Ph.D. degree, they are still eligible to receive the M.S.I.S. degree if all the M.S.I.S. degree requirements have been satisfied.

Student Aid

Graduate assistantships available to students in this program and other forms of student aid are described in the [Student Aid](#) section of the *Graduate Bulletin*. There are a limited number of scholarships, fellowships, and research grants available, as well as several graduate assistantships. For more information on these, contact Penn State Harrisburg's School of Business Administration.

Many students work full-time and take classes part-time. In many cases, employers have a tuition-reimbursement plan paying for partial or full tuition. To find other options available to you, contact one of the following offices: Financial Aid Office, 717-948-6307 or Admissions, 717-948-6250.

Graduate School Assistantships

Full time graduate students who are interested in an assistantship should contact the graduate program coordinator. Students must be nominated for an assistantship by their program coordinator. Students applying for an assistantship should submit scores from the Graduate Management Admissions Test (GMAT), Graduate Record Exam (GRE) or similar examinations by January 30. Students on graduate assistantships must adhere to the [course load limits set forth in the *Graduate Bulletin*](#).

Courses

The Course Matrix

For more information and the latest updates on the concurrent programs, call the Biomedical Sciences Graduate Program at 717-531-1045 or visit the websites at: [Biomedical Sciences Graduate Program](#) and [Penn State Harrisburg](#).

Courses

Graduate courses carry numbers from 500 to 599 and 800 to 899. Advanced undergraduate courses numbered between 400 and 499 may be used to meet some graduate degree requirements when taken by graduate students. Courses below the 400 level may not. A graduate student may register for or audit these courses in order to make up deficiencies or to fill in gaps in previous education but not to meet requirements for an advanced degree.

Visit for complete details.

Program Requirements for Admission

The concurrent programs require that the student first be admitted to the biomedical sciences program. Subsequently, the student is recommended for and applies for admission to the Graduate School for the Penn State Harrisburg M.S.I.S. program.

Application Requirements

The following are required for applicants:

Biomedical Sciences

Completed application; Graduate Record Examination (GRE) Score; A bachelor's degree reflecting a reasonable background in zoology or biology, mathematics and chemistry; a minimum junior/senior grade point average of 3.00 and with appropriate course backgrounds; two letters of recommendation; a curriculum vitae; a description of career goals. Reading knowledge of one or two foreign languages is recommended.

M.S.I.S. Programs

Applicants must meet the [admission requirements of the Graduate School](#), as well as those listed in the Admission Requirements section above for the Master of Science degree. In addition, a letter of recommendation from the department chair of the biomedical sciences program is required.

No courses from the M.S.I.S. program may count toward the Ph.D. until the student is admitted to the biomedical sciences program. However, graduate-level courses taken in the M.S.I.S. program at Penn State Harrisburg or at another graduate-level institution may be applied to the M.S.I.S. in accordance with the [transfer policies of Graduate Council](#).

Transfer and Additional Credits

See website for more information.

Visit for complete details.