USING THIS BULLETIN

Students who are interested in or accepted to any of the University of Pittsburgh’s graduate or professional programs other than those leading to the first-professional degrees offered by the University (MD, JD, LLM, PharmD, or DMD) will find useful most of the sections of this bulletin. Descriptions of the University, its regulations, and its services are included in the sections prior to the program-specific information in the Schools, Departments, and Programs section of the bulletin.

Students interested in first-professional programs (MD, JD, LLM, PharmD, or DMD) can ignore much of the bulletin prior to the First-Professional Programs section, but should familiarize themselves with the general information on the University, as well as the section on Campus Facilities & Student Services, and the University-wide policies detailed in Rights and Responsibilities. The Schools of Medicine, Law, Dental Medicine, and Pharmacy appear in the Schools, Departments, and Programs section for programs leading to the graduate and professional advanced degrees as well as in the First-Professional Programs section since these schools offer both types of programs. Faculty are listed by their department or program at the end of the school.

Students should note that the listings of requirements and procedures for admissions, registration, and other information listed in the sections prior to the more program-specific information provided in the Schools, Departments, and Programs section of this bulletin represent the minimum requirements and basic procedures. Students should consult the information on their specific school, program, and department for detail on additional or stricter requirements and procedures.
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ABOUT THE UNIVERSITY

The University of Pittsburgh is an internationally respected center of learning and research, offering exceptional educational opportunities in the humanities, sciences, and professions. The University’s mission is to advance teaching, research, and public service. This tripartite commitment enables the University to serve others by:

- educating diverse students from the region, the nation, and the world;
- expanding the boundaries of knowledge, discovery, and technology; and
- enhancing quality of life in the western Pennsylvania region and beyond.

HISTORY

The University began in the Pennsylvania wilderness as the Pittsburgh Academy in 1787, the year the U.S. Constitution was adopted. Thirty-two years later, the Pittsburgh Academy became the Western University of Pittsburgh, and in 1908, the school changed its name to the University of Pittsburgh.

The recognition of graduate study at the University of Pittsburgh began with the awarding of Master of Arts degrees in 1836. By 1870, over 30 MA degrees had been awarded. These degrees were conferred for study beyond the Bachelor of Arts degree. In 1884, Chancellor Milton Goff set up a two-year professional study program leading to either a Master of Philosophy (predecessor of the Master of Science degree) or a Master of Arts degree and a three-year program leading to a Doctor of Philosophy degree. Before admission to these programs, each student was required to show proficiency in three areas of study. Both master’s and doctoral candidates were required to prepare and defend theses.

In 1906, new rules were formulated for graduate study, requiring students to be in residence and requiring the completion of one year of study or 30 credits for the master’s degree and three years or 90 credits for the doctoral degree. The catalogues of 1908 and 1909 announced the establishment of the Graduate School with five departments offering courses for the Doctor of Philosophy degree. These departments, plus five others, offered courses for the Master of Arts degree.

In 1910, a faculty committee drafted proposals, adopted by the board of trustees in 1913, making the Graduate School an independent administrative unit of the University and authorizing the selection of a Graduate Council. The Graduate School was grouped into three divisions (Humanities, Social Sciences, and Natural Sciences) in 1947. Until 1956, the administration of graduate study was the responsibility of the dean of the Graduate School and the Graduate Council. At that time, the individual schools and the three divisions were given direct administrative responsibility for their graduate programs in accord with the regulations established by the University Council on Graduate Study—formerly the Graduate Council. In 1968, the dean of the Graduate School retired from his administrative role, and the position he had held was discontinued. General responsibility for the University’s graduate programs was assigned to the provost pending reorganization of the University’s graduate structure. The University Council on Graduate Study, the University administration, and members of the Graduate Faculty cooperated in drafting a proposed reorganization of graduate study, which was approved by written ballot by the entire Graduate Faculty and, in turn, accepted by Chancellor Wesley Posvar. This organizational structure became effective July 1, 1971 and is still the official structure.

Thus, during the 200-plus year history of the University, graduate education has grown to encompass the Faculty of Arts and Sciences and all 13 of the professional schools, which share a commitment to meet the nation’s need for well-educated researchers, scholars, and leaders of professions and the tri-state region’s need for trained professionals.

A private institution for most of its past, the University of Pittsburgh became state-related in 1966, establishing a relationship with the Commonwealth of Pennsylvania that continues to benefit both partners. Today, as an elected member of the prestigious Association of American Universities, the University of Pittsburgh claims its place among the top public research universities in the nation.

ACCREDITATION

The University of Pittsburgh, including its four regional campuses, is accredited by the Middle States Association of Colleges and Schools’ Commission on Higher Education. In addition, schools, programs, and departments may be accredited by discipline-specific accrediting bodies. See Schools, Departments, and Programs section of this bulletin for this information.

ACADEMIC ORGANIZATION AND PITTSBURGH CAMPUS OVERVIEW

An independent, state-related, coeducational institution, the University of Pittsburgh’s Pittsburgh campus offers a multitude of degree-granting and other programs housed in 16 undergraduate, graduate, and professional schools. The University system includes the Pittsburgh campus and four regional campuses at Bradford, Greensburg, Johnstown, and Titusville; the regional campuses offer undergraduate programs only.

More than 90 buildings are located on the Pittsburgh campus, which covers 132 acres in the culturally rich Oakland neighborhood. At the heart of the campus stands a central landmark—the Cathedral of Learning, a 42-story Gothic tower, which is the tallest school building in the western hemisphere. The Cathedral contains the remarkable Nationality Rooms: 26 classrooms, each of them designed to reflect a distinct culture.

On the Pittsburgh campus, over 3,400 faculty serve 25,900 students, including 9,100 graduate and 16,800 undergraduate students. Alumni accomplishments range from managing Fortune 500 corporations, to writing best-selling novels, to unlocking the secrets of DNA...and more.

The University of Pittsburgh remains a place of enduring tradition and vitality, true to the work ethic of western Pennsylvania, rich in intellectual rigor, and committed to preparing students for their lives and careers.
WEB ADDRESS

For more information on the University of Pittsburgh, see the University’s Web site at http://www.pitt.edu/.

ORGANIZATION OF GRADUATE AND PROFESSIONAL EDUCATION AT THE UNIVERSITY

While the University Council on Graduate Study (http://www.pitt.edu/~graduate/ucgs.html), acting for the Graduate Faculty, develops minimum standards for graduate work throughout the University, the immediate responsibility for developing and administering graduate programs is assigned to the deans and Graduate Faculty members of the several schools and the Faculty of Arts and Sciences. This responsibility applies both to the traditional MA, MS, and PhD programs and to programs leading to advanced professional degrees, except for first-professional degrees (i.e., the MD, JD, LLM, PharmD, and DMD). The provost has responsibility for the general supervision of graduate and professional programs, including first-professional degree programs, throughout the University, giving leadership to the deans and faculties in maintaining high standards of instruction and research.

Faculty are appointed to the Graduate Faculty by the provost upon recommendation by the dean on the basis of an appraisal by the faculty of a department or other appropriate faculty group. Graduate Faculty are competent in graduate instruction and in supervision of student research at all levels and are active in advancing knowledge through their own research.
APPLICATION FOR ADMISSION

Graduate admissions to the University of Pittsburgh are handled by the particular graduate school or program; there is no central admissions office for graduate and professional schools at the University.

This section details only the University requirements and procedures for admission to the University. The Graduate Admissions Office of each school provides admissions information for prospective students to that school. Schools’ admissions requirements are listed under the Schools, Departments, and Programs section of this bulletin.

The admissions information in this section is subject to change at any time. It is intended to serve only as a general source of information.

GRADUATE ADMISSIONS

Decisions regarding admission are based on an overall evaluation of all the credentials submitted by the candidate and in accord with the availability of faculty, facilities, and student support necessary to meet the applicant’s expressed academic and research needs and interests. Many departments or programs have a limited number of places available. Interested students should refer to the Schools, Departments, and Programs section of this bulletin in addition to the general admission information provided here.

APPLICATION PROCEDURES

Students seeking admission should call or write for application forms and descriptive materials to the school or program of intended graduate study. In many cases, application materials are available online; prospective students are encouraged to check the Web site of their programs of interest. See Schools, Departments, and Programs sections of this bulletin for contact information.

Students should then return to the department or school the completed application forms and a check (not cash) for the application fee payable to the University of Pittsburgh. Generally, students applying online have the option of paying application fees online via credit card or by sending a check. The application fee is required of all applicants and is non-refundable; it does not apply toward the payment of tuition. The fee varies from school to school, so prospective students should refer to the information on the relevant school in the Schools, Departments, and Programs section of this bulletin for the specific application fee required or go to that school’s or department’s Web site.

Applicants must also request that the registrars of all undergraduate and any graduate schools attended send official transcripts of their records to the department or school of intended graduate study. In addition, many schools and departments require additional material. These materials may include any or all of the following: scores achieved on standardized examinations such as the Graduate Record Examination or the Graduate Management Admission Test, letters of recommendation, term papers written during previous study, evidence of work/life experience, evidence of motivation for graduate study, and a statement of career objectives. Applicants should arrange for a personal interview if requested by the department or school.

APPLICATION DEADLINES

See the Schools, Departments, and Programs sections of this bulletin for specific application deadlines, but note that students applying for fellowships and assistantships should file their applications at the earliest possible date. Applicants interested only in admission may be considered up to the deadline dates, but postponing applications may entail the risk that available spaces will be filled. Some programs admit students only for a particular term, so prospective students are encouraged to check with the school and program for specific admissions information.

GRADUATE ADMISSIONS OF INTERNATIONAL STUDENTS

Students from other countries should start the application process for admission nine to 12 months in advance of the date of intended enrollment and complete the process no less than three months before the registration date for the student’s first term. Some schools may require even earlier applications. Applicants wanting to be considered for financial assistance must submit completed applications much earlier. Requests for application forms should be directed to the school in which the student wishes to enroll. All applicants should also take note of specific school and program requirements, such as the Graduate Record Examination (GRE scores). Specific requirements are listed in the Schools, Departments, and Programs section of this bulletin.

INTERNATIONAL STUDENT APPLICATION DEADLINES AND APPLICATION FEE

International students should contact the individual department or program to which they are applying to determine the required application deadlines for submitting a completed application, financial aid form, and application fee. Many programs have their application materials online via their Web sites. In general, international students should submit applications no less than three months before the term in which they want to begin taking classes. The deadlines and fees vary according to the school and program to which the student is applying. The fee must be submitted in the form of a check or money order made payable to the University of Pittsburgh. See the individual school’s international application information in the Schools, Departments, and Programs section of this bulletin for details or go to the school’s or department’s Web site.

INTERNATIONAL STUDENT ACADEMIC BACKGROUND AND CREDENTIALS

The minimum requirement for admission to a graduate program is the completion of a bachelor’s degree from an accredited institution in the United States or the completion of a level of education that the University of Pittsburgh deems comparable to a bachelor’s degree from a regionally accredited U.S. institution.

Applicants are required to submit official original academic credentials. Official original academic credentials that are issued in a language other than English must be accompanied by a certified English translation. In addition, in cases where the grade reports, academic record, examination results, or transcript does not attest to the awarding of a degree or other academic qualification, a certified copy of the original certificate or diploma awarding the degree or qualification must be submitted. Certificates or diplomas that are
issued in a language other than English must be accompanied by a certified English translation.

ENGLISH LANGUAGE PROFICIENCY REQUIREMENTS
Graduate students must possess sufficient proficiency in English to enable them to understand lectures, participate successfully in class discussion, and, in general, to be able to study without being hindered by language problems. To facilitate determination of proficiency, official results of the Test of English as a Foreign Language (TOEFL) are required if the applicant’s native language is not English; this applies even if English has been the medium of instruction. A minimum score of 550 or higher on the TOEFL is required for admission to graduate study (or a TOEFL score of 213 on the computer-based test).

All students with a TOEFL score less than 650 (or 280 on the computer-based test) may be required by the department, program, or school to take the Michigan Test of English Proficiency upon arrival. Based on the test results, students may be required by their academic department to take courses in English as a foreign language before registering for graduate courses or may be required to take one or two such English courses in addition to graduate courses.

Any student scoring over 650 on the paper-based test (over 280 on the computer-based test) is exempted from further testing. The requirement to submit the results of the TOEFL may be waived if the applicant has recently received a satisfactory score on other tests of English language proficiency or has recently earned a degree from a regionally accredited institution in the United States.

The Educational Testing Service administers the TOEFL test at testing centers throughout the world. Students may take the test either in a traditional paper format or on a computer. Further information, testing dates, and test applications are available directly from the Test of English as a Foreign Language, Box 6151, Princeton, New Jersey, 08541, USA or by contacting a U.S. Consulate, an office of the U.S. Information Agency, an office of the U.S. Educational Commission, or a binational center. Information about the TOEFL is also available on the World Wide Web at http://www.toefl.org/. Applicants seeking September enrollment must take the TOEFL no later than the preceding March.

International students who are non-native speakers of English can contact the English Language Institute (ELI) on the University of Pittsburgh campus for assistance in meeting English proficiency requirements and taking the TOEFL. See the Campus Facilities & Student Services section of this bulletin, page 9, for more information on the ELI.

ENGLISH LANGUAGE FLUENCY FOR TEACHING ASSISTANTS/ FELLOWS
Teaching assistants (TAs) and teaching fellows (TFs) who are non-native speakers of English must be evaluated through a test designed to assess spoken English and English comprehension, approved by the Office of the Provost and administered by the English Language Institute (ELI). The Office of the Provost in consultation with ELI will establish minimum scores acceptable to permit a TA/TF to teach. Individual academic centers or departments may require higher scores than the established University minimums. All TAs/TFs with unsatisfactory scores on this test will be given non-teaching assignments and are required to take special course work until they attain a passing score. An unsatisfactory score at the time of reappointment is sufficient cause for nonrenewal of the student’s TA/TF appointment. See relevant school section in Schools, Departments, and Programs for more details.

FINANCIAL SUPPORT AND VISA DOCUMENTS
While admission decisions are not based on financial support information, all applicants who are not U.S. citizens or Permanent Residents must submit a Financial Support Statement with their applications, even if applying for financial aid from the department. An award may not cover the entire cost of studies.

The Office of International Services cannot issue the document needed to apply for a student visa to enter the United States or to transfer non-immigrant status to the University of Pittsburgh until evidence of financial support adequate to cover the entire program of study has been submitted. Therefore, submission of a Financial Support Statement with an application will facilitate the issuance of a visa document.

ADDITIONAL INTERNATIONAL STUDENT REQUIREMENTS
The University of Pittsburgh reserves the right, even after arrival and enrollment, to make individual curricular adjustments whenever particular deficiencies or needs of a student are identified. In such instances, students may be required to take, at their own expense and without receiving credit, courses in English as a foreign language (see English Language Proficiency Requirements above) or courses prerequisite to their course of study to make up deficiencies.

It is strongly recommended that students arrive in Pittsburgh at least two weeks before the start of the term to allow sufficient time to make housing arrangements and take part in the orientation program conducted by the Office of International Services. In addition, the advising section of the Office of International Services, located in 708 William Pitt Union, offers assistance on a wide range of matters of concern to students from other countries. Call (412) 624-7120 or see http://www.pitt.edu/~osasweb/ois/oisinfo.html for more information.

ADMISSIONS STATUS
Admission may be granted or denied only by the dean of the school or his or her designee. However, non-immigrant students may be denied visa documents for non-academic reasons by the Office of International Services. Acceptable students are admitted to graduate study in a specific department or school with “full,” “provisional,” or “special” graduate status depending on their qualifications and objectives. The qualifications described below represent the minimum standards of the University. These may be made more stringent or specific at the option of the department or school.

FULL GRADUATE STATUS
For admission to full graduate status, an applicant must be a graduate of an accredited U.S. college or university and must be considered qualified for advanced study by the department or school. This normally is demonstrated by a B average (a quality point average of 3.00 on a 4.00 scale) or better in the total undergraduate program. (Note: the Faculty of Arts and Sciences requires a B average in the major field of study, and some of that school’s departments require higher levels of achievement.) If students with less than a B average present alternative evidence (such as completion of an advanced degree or successful relevant work experience) of superior ability, they may be considered for full graduate status on the recommendation of the department of proposed graduate study. Only students with full graduate status may take the PhD preliminary evaluation, take the
MA/MS or PhD comprehensive examination, be considered for the award of an advanced degree or certificate, or be graduated.

**PROVISIONAL GRADUATE STATUS**

Applicants who are graduates of a recognized college or university but who do not qualify for admission to full graduate status because of deficiencies in either their undergraduate program or their scholastic achievement may be considered for provisional graduate status if strong supporting evidence of their ability to complete a graduate program is provided. Courses taken to remove deficiencies do not contribute toward completion of graduate degree requirements. Transfer from provisional to full graduate status is initiated and recommended by the department and is possible only after removal of deficiencies and other conditions noted at the time of admission and satisfactory progress in graduate work.

A student on provisional or special status or on probation is not eligible to take the PhD preliminary evaluation, to take the MA/MS or PhD comprehensive examination, or to be graduated.

**SPECIAL STATUS**

Students may be granted temporary admission as “special status” under the following circumstances:

1. Students who are seeking advanced degrees but who are unable to meet the deadline for filing all required credentials for admission may be granted temporary admission provided they present acceptable evidence concerning their qualifications for graduate study. Regular admission must be accomplished within the first term of registration.

2. Students who are not seeking an advanced degree but who have specific qualifications for one or more courses, including courses required for learning or certification, may register for such courses subject to review by the department and the dean of the school. Schools providing such an opportunity may specify the number of credits or courses for which a student may enroll while in this status and should also clearly specify the limitations on transfer of such credits toward a graduate degree if the student is subsequently admitted to a graduate degree program.

*See Schools, Departments, and Programs section for specific requirements connected to special status students.*

**GUARANTEES AND EARLY ADMISSION TO GRADUATE AND FIRST-PROFESSIONAL PROGRAMS**

Undergraduate students receiving an academic merit scholarship who indicate certain professional programs (including communication science, dental medicine, education, law, medicine, physical therapy, and public and international affairs) as their intended field of study on the Freshman Application to the University of Pittsburgh will be automatically reviewed for guaranteed admission into that professional program. Early application is recommended, as spaces are limited.

Exceptionally able undergraduate University of Pittsburgh students may be admitted to full graduate status if their graduate and undergraduate schools have approved early admission as a permitted option and have established standards and procedures, and if the student needs no more than 24 credits to complete the baccalaureate degree. Credits earned while enrolled in the graduate program may also be counted toward fulfilling undergraduate degree requirements. *See Schools, Departments, and Programs section for further information on the possibility of early admission to specific programs.*

**TUITION DEPOSIT**

Once a student is admitted to a program, some of the graduate and professional schools at the University of Pittsburgh require a tuition deposit of $100 to $500 to secure the student's place in the incoming class. *Students should refer to Financial Issues: Tuition, Fees, Loans, & Scholarships, page 6, or to the admissions information for their specific school to determine the amount required for the tuition deposit.*

**DEFERRED ADMISSION**

If a department or school so approves, a student may defer admission for one year without having to complete any additional applications. If approved, the student is sent a new admission letter. Approval of a student’s request to defer admission does not necessarily mean that any financial aid awarded is also deferred. *See Aid Deferrals, page 8, for more information on deferring financial aid.*

**READMISSION**

A student who has not registered for at least one credit or full-time dissertation study during a 12-month period will be transferred automatically to inactive status and must file an application for readmission to graduate study (and pay the application fee) before being permitted to register again. Inactive students cannot apply to graduate, nor take preliminary or comprehensive exams. Readmission is not automatic nor does it necessarily reinstate the student to the academic status enjoyed prior to becoming inactive. When readmitted, the student must be prepared to demonstrate proper preparation to meet all current admission and degree requirements. Readmission is automatic, however, for students who receive prior approval for a formal leave of absence.

**CHANGING THE FIELD OF GRADUATE STUDY**

A student already admitted to graduate study and desiring to change a major department of graduate study must file an application for such a change in the office of the dean or the department of the school the student wishes to enter. The application for admission to the new department will be evaluated in the same manner as an application from a new student.
FINANCIAL ISSUES: TUITION, FEES, LOANS, & SCHOLARSHIPS

TUITION

TUITION DEPOSIT

Some graduate and professional schools at the University of Pittsburgh require tuition deposits to secure the admitted student’s place in the incoming class. These deposits are non-refundable and are applied toward the student’s first term tuition costs. The schools that require deposits and the specific amounts are as follows:

<table>
<thead>
<tr>
<th>School</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Katz Graduate School of Business</td>
<td></td>
</tr>
<tr>
<td>MBA Program</td>
<td>$200</td>
</tr>
<tr>
<td>PhD Program</td>
<td>$100</td>
</tr>
<tr>
<td>School of Dental Medicine</td>
<td>$500</td>
</tr>
<tr>
<td>School of Health and Rehabilitation Sciences*</td>
<td></td>
</tr>
<tr>
<td>MPT Program</td>
<td>$250</td>
</tr>
<tr>
<td>School of Information Sciences</td>
<td>$100</td>
</tr>
<tr>
<td>School of Law</td>
<td></td>
</tr>
<tr>
<td>Due April 15</td>
<td>$200</td>
</tr>
<tr>
<td>Due June 15</td>
<td>$300</td>
</tr>
<tr>
<td>School of Medicine</td>
<td>$100</td>
</tr>
<tr>
<td>School of Nursing (Anesthesia)</td>
<td>$250</td>
</tr>
<tr>
<td>Graduate School of Public and International Affairs</td>
<td>$200</td>
</tr>
<tr>
<td>Graduate School of Public Health</td>
<td>$100</td>
</tr>
</tbody>
</table>

* NOTE: The other programs in the School of Health and Rehabilitation Sciences (MA, MS, and PhD) do not require a tuition deposit.

FULL TUITION

Graduate students enrolled for nine to 15 credits during the Fall and Spring Terms are considered full-time and pay a flat tuition rate. Students enrolled for one to eight credits are considered part-time and pay for individual credits. Students enrolled in the Summer Term also pay for individual credits, regardless of how many credits are taken. The Katz Graduate School of Business is an exception: full-time MBA students pay a flat rate in the Summer Term. See Deferred Payments and Payment Adjustments sections below for information regarding tuition payment plans.

Tuition rates are school specific. Students pursuing two degrees or a degree and a certificate simultaneously must list one as the primary academic program and may list the other as a secondary academic program on the registration form; students are billed at the tuition rate of the primary academic program. Please refer to the tuition rate for the school in which you are enrolled. The University’s tuition chart is online at http://www.ba.pitt.edu/irweb/tuition/tuithmpg.htm.

RESIDENCY/REDUCED TUITION

Students who reside in the Commonwealth of Pennsylvania may be eligible for reduced tuition through state appropriations (see Eligibility for Reduced Tuition below). Eligibility is determined by criteria outlined in the University of Pittsburgh Guidelines for Determining Eligibility for Reduced Tuition Rates, available online at http://www.be.pitt.edu/sfs/paycenter.htm#TF.

ELIGIBILITY FOR REDUCED TUITION

Assessment of full tuition or reduced tuition is based on whether the student is a permanent resident of the Commonwealth of Pennsylvania. Full tuition is charged to non-residents. A student who has lived in Pennsylvania for a continuous period of 12 months before enrollment in any institution of higher education in the state may be eligible for reduced tuition. The student must be a citizen of the United States or have an immigrant or permanent visa. For a student less than 21 years of age, both the student and parent(s) or legal guardian(s) must meet the residency requirements for eligibility.

FINANCIAL OBLIGATION OF STUDENTS

The University of Pittsburgh has the right to withhold services if a student defaults on any financial obligation until repayment arrangements have been made that are satisfactory to the office or department to which the debt is owed.

FEES

MANDATORY FEES

The following are mandatory fees assessed to students each term (current rates are available online at http://www.ba.pitt.edu/irweb/tuition/tuithmpg.htm):

- Student Activity Fee
- Student Health Fee
- Computer and Network Service Fee
- Security, Safety, and Transportation Fee

SPECIAL SERVICE FEES

These fees may be charged for University transactions that are processed beyond deadlines, due dates, and specified time limits.

COURSE FEES

Certain courses have fees associated with enrollment in the course. These courses are identified in the Schedule of Classes and Course Descriptions. The Schedule of Classes is online at http://www.pitt.edu/~srfsweb/crinPgCrsInfo.htm.

PROGRAM FEES

Certain graduate and first-professional programs have fees associated with enrollment in the program. These are typically fees for equipment or required insurance. See the Schools, Departments, and Programs section of this bulletin for more information.
FINANCIAL AID

Financial assistance for graduate students can be provided in the form of teaching and research appointments, fellowships, traineeships, tuition scholarships, and loans. The type of aid available depends on the school or program to which the student is admitted; students are encouraged to contact their school directly for more information about the types of financial assistance available. Admission to graduate study does not necessarily carry any implications concerning the award of financial aid.

TEACHING AND RESEARCH APPOINTMENTS

Students may receive financial support as teachers or researchers in their respective programs. In these positions, students are either teaching assistants (TAs), teaching fellows (TFs), graduate student assistants (GSAs), or graduate student researchers (GSRs). These appointments are generally for two terms at a time; guidelines covering these appointments and their current salary ranges are available through links from the University’s Graduate Studies Web page at http://www.pitt.edu/~graduate/. In recognition of academic merit, the University offers TA/TF/GSA/GSR scholarships including tuition, fees (excluding the student activity fee), and individual medical insurance coverage. TAs/TFs/GSAs and GSRs can also purchase family medical coverage (for spouse and/or dependent children) by paying the difference between the premium costs for the individual option and the family option.

The University’s policy concerning Teaching Assistants and Teaching Fellows, dealing with appointments, reappointments, terminations, benefits, and responsibilities, is contained in the University TA/ TF/GSA Policy Statement, sent to all new Teaching Assistants. The University’s policy concerning Graduate Student Researchers is contained in the University GSR Policy Statement, sent to all new GSRs. The Teaching Assistant/Teaching Fellow/Graduate Student Assistant Policy Statement can also be found on page 28 of this bulletin. Rights and Responsibilities, and the University Graduate Student Researcher Policy Statement can be found on page 27.

Students receiving these academic appointments must follow the relevant University policies as they apply to faculty and staff of the University of Pittsburgh; see Rights and Responsibilities section of this bulletin for details. For more information on what teaching and research positions may be available in a given program, see the relevant information in Schools, Departments, and Programs.

TEACHING ASSISTANTS (TA)

Teaching Assistants (TAs) are graduate students who have not qualified for an appointment as a teaching fellow. The duties of a TA might include teaching recitation sections, monitoring quizzes, assisting in laboratory instruction, or participating in related activities involving undergraduate programs. Full appointments usually require approximately 20 assigned hours per week.

TEACHING FELLOWS (TF)

Teaching fellows (TFs) are graduate students more educationally advanced or experienced than a TA, typically holding the equivalent of a master's degree. The salaries for TFs are slightly higher than those for TAs. Full appointments usually require approximately 20 assigned hours per week.

GRADUATE STUDENT ASSISTANT (GSA)

Graduate Student Assistants (GSAs) are graduate students who perform duties to assist in the educational or research mission of the University, but do not teach classes, recitations, or labs. GSAs might assist a faculty member in library research, editorial duties, or similar academic tasks. Full appointments usually require approximately 20 assigned hours per week.

GRADUATE STUDENT RESEARCHER (GSR)

Research grants funded by government and private agencies provide a variety of full- and part-time research positions for graduate students. Most, but not all, of the GSR positions, which are also referred to as Graduate Research Assistants, are in projects that are directly related to the thesis or dissertation research of the student; all provide the student with valuable research training and experience.

FELLOWSHIPS AND TRAINEESHIPS

There are a variety of fellowships and traineeships available from the University of Pittsburgh and many other organizations that provide funding to students needing financial assistance and/or showing evidence of academic excellence. These awards may include a stipend, a tuition scholarship, health care coverage, or all three. Among the fellowships available from the University to students across a broad range of disciplines are the following:

PROVOST’S DEVELOPMENT FUND

This program is intended to provide financial support and development opportunities for women and disadvantaged students pursuing the doctorate or professional degree that would qualify them for an academic or administrative appointment. Financial assistance will be made available on the basis of need and merit. Any U.S. citizen or permanent resident who is enrolled in or admitted to a graduate program at the University is eligible. Ideally, the candidate would be in the advanced stages of the PhD program so that support for one year would complete the program. Applications are available from the Office of the Provost, 801 Cathedral of Learning, or online at http://www.pitt.edu/~cedeno/pdfapp99.html.

OWENS FELLOWSHIPS

A bequest of Samuel T. Owens Jr. makes fellowships available at the University of Pittsburgh for needy students who show promise of high academic achievement. These fellowships carry an annual stipend of $2,000. The fellowships may be used in payment of tuition, books, and living expenses during the academic year for which the award is granted. Owens Fellowships are not available for a single term. Application forms are available in the University Office of Admissions and Financial Aid, Masonic Temple, Pittsburgh, PA 15260, (412) 624-7488. The deadline for application is usually in April.

For more information on specific fellowships and traineeships available to students in a particular program, see the Schools, Departments, and Programs section of this bulletin.

SCHOLARSHIPS

Scholarships from the University of Pittsburgh are a form of merit- and need-based financial aid. Outside scholarships are also applied toward tuition and other mandatory educational expenses. Scholarships do not have to be repaid.
STAFFORD LOANS

Stafford Loans are long-term, low interest rate loan programs available to degree-seeking students enrolled on at least a half-time basis. The amount of the loan is dependent upon financial need, but for a graduate student it could be as high as $18,500 per academic year. While there is no deadline for applying, Stafford Loans can take as many as 60-90 days to be approved; therefore, students who intend to start graduate school in the Fall Term should start the loan process no later than May 15.

Financial aid application procedures are outlined in the University of Pittsburgh’s Financial Aid Booklet and online at http://www.pitt.edu/~oaf. Information on Stafford Loans is available online at http://www.finaid.org/loans/studentloan.phtml. The University’s Graduate Admissions and Financial Aid site (http://www.pitt.edu/~graduate/admissions.html) includes links to loan information for graduate students.

LIFETIME LEARNING TAX CREDITS

Taxpayers are eligible to claim a non-refundable Lifetime Learning Credit against their federal income taxes for the qualified tuition and related expenses of students who are enrolled in eligible educational institutions. Through 2002, the amount that may be claimed as a credit is equal to 20 percent of the taxpayer’s first $5,000 of out-of-pocket qualified tuition and related expenses for all the students in the family. After 2002, the credit amount is equal to 20 percent of the taxpayer’s first $10,000 of out-of-pocket qualified tuition and related expenses. Qualified tuition and related expenses for graduate-level education are eligible for the Lifetime Learning Credit.

For more information on Lifetime Learning Credits, see http://www.ed.gov/lns/hope/tax_qa/sec2.html.

DEFERRED PAYMENTS

AID DEFERRALS

Once students have applied for and been notified of financial aid eligibility, they may defer payments by obtaining a Financial Aid Deferral form in the Office of Admissions and Financial Aid and then submitting the form to the Student Payment Center. Whether a deferral of aid is allowed is dependent upon the type of aid awarded.

DEFERRED TUITION PAYMENT PLAN

Students in good financial standing with the University and registered during the Fall, Spring, or Summer Terms for three or more credits are eligible to participate in a deferred tuition payment plan to pay current term charges in three installments. First-time participants in the plan must make these arrangements in person at the Student Payment Center. Thereafter, participants may elect a mail option.

There is a $20 fee each time a student sets up a payment plan, and an interest charge of 1% monthly on the unpaid principal is added to the remaining two installment payments. For more information on the deferred tuition payment plan, please contact the Student Payment Center via E-mail at payment@srs.pitt.edu or online http://www.bc.pitt.edu/sfs/paycenter.htm.

PAYMENT

University statements may be paid by cash, check, or credit card; however, cash cannot be mailed or dropped into the Student Payment Center’s depository. The University accepts Discover, MasterCard, and Visa credit card payments in person, by mail, or telephone. The Student Payment Center is located in room G-7 of Thackeray Hall. The mailing address is P.O. Box 371998, Pittsburgh, PA 15250-7998, and the phone number is (412) 624-7550.

Due dates are clearly designated on billing statements and are always the 17th of the month. Failure to pay the amount due (or to arrange a deferred tuition payment plan by the due date) will result in a late payment fee for students without a valid deferral.

If students who have a tuition scholarship (for example, via a TA/TF/GSR/GSA appointment) receive a tuition statement indicating that their tuition has not been paid, they should immediately contact the school or department administering the scholarship for assistance in correcting the error.

CHECK AND CREDIT CARD ADJUSTMENTS

As appropriate, payment made by check may be refunded to students. Adjustments to credit cards are made to the payer’s credit card account and will be reflected on the Discover, MasterCard, or Visa monthly statement.
The University of Pittsburgh has a wide variety of academic resources that provide the infrastructure to aid students with their research and computing needs.

UNIVERSITY LIBRARY SYSTEM

271 Hillman Library
(412) 648-7710
E-mail: feedback@library.pitt.edu
Web site: http://www.library.pitt.edu

The University Library System (ULS) of the University of Pittsburgh is represented by 14 libraries located on the Pittsburgh campus, the Allegheny Observatory Library, the Archives Service Center, and a storage facility at UPARC in Harmarville. The ULS is a member of the Association of Research Libraries (ARL), the Oakland Library Consortium (OLC), and Pennsylvania Academic Library Connection, Inc. (PALCI). Through membership in several Pennsylvania consortia of libraries, cooperative borrowing arrangements have been developed with other Pennsylvania institutions.

Other University of Pittsburgh libraries include the Barco Law Library and the Health Sciences Library System (see below for detail), both located in Pittsburgh, as well as the four regional campus libraries—Bradford, Greensburg, Johnstown, and Titusville.

The University of Pittsburgh libraries and collections provide an abundant amount of information and services to the faculty, students, staff, administrators, and researchers of the University. In fiscal year 1999, the University’s collections totaled nearly four million volumes, nearly four million pieces of microforms, and 26,000 subscriptions (these subscriptions include more than 24,000 print subscriptions and nearly 2,000 electronic journals). Also, through the Graduate and Professional Student Association (GPSA), interlibrary loan grants of up to $25 a year are available to all graduate and professional students at the University to help offset the increasing costs of interlibrary loans between University of Pittsburgh libraries and those on other campuses. (See http://www.pitt.edu/~gpsa2/)

Under the administration of the University Librarian, the University Library System (ULS) includes the following libraries and collections:

- Hillman (main), which houses:
  - African-American
  - Buhl (social work)
  - East Asian
  - Government Documents
  - Latin American Studies
  - Special Collections
  - Allegheny Observatory
  - Business Information Center
  - Center for American Music
  - Chemistry
  - Computer Science

- Darlington Memorial
  - American History
  - Engineering
  - Fine Arts
  - Information Sciences
  - Langley
    - Biological Sciences
    - Neuroscience
    - Psychology
  - Mathematics
  - Music
  - Physics/Astronomy
  - Public and International Affairs/Economics

The Hillman Library is the largest library facility with seating for 1,530 users. It offers an open stack arrangement and an extensive range of library services. In addition to the main collection, which is comprised primarily of humanities and social sciences subject areas, the Hillman Library is comprised of seven other libraries and collections, maps, national, and international newspapers, and microform facilities.

PITTCAT is the University of Pittsburgh’s online library catalog, offering author, title, subject, and keyword access to materials in all University libraries. PITTCAT currently contains bibliographic holdings and circulation information for more than three million titles, representing most of the book and periodical collections in all University libraries. In addition, the University libraries provide access to many remote resources for University of Pittsburgh faculty, students, and staff, including Digital Dissertations, EBSCOhost, InfoTrac, CIS Compass, MUSE, JSTOR, Science Direct, Web of Science, netLibrary, and numerous other electronic journals. PITTCAT and the other databases are available through the ULS Web site at http://www.library.pitt.edu.

BARCO LAW LIBRARY

The Barco Law Library, occupying three floors of the five-story Law School Building, is available to anyone needing to use its resources for legal research purposes. Likewise, the Government Document collection is available for use by the public at large. Call (412) 648-1323 for more information or see the library’s Web site at http://www.law.pitt.edu/library.

HEALTH SCIENCES LIBRARY SYSTEM

The Health Sciences Library System (HSLS) at the University of Pittsburgh is comprised of three distinct libraries that support the educational, research, patient care, and service activities of the schools of the health sciences (Medicine, Dental Medicine, Pharmacy, Health and Rehabilitation Sciences, Nursing, Public Health) and the UPMC Health System. This library system includes the Falk Library, the Nursing Collection in the Learning Resources Center of the School of Nursing, and the Western Psychiatric Institute and Clinic (WPIC) Library.

Falk Library of the Health Sciences serves as the flagship of the HSLS. It is located on the second floor of Seabide Hall. The library houses
more than 300,000 print volumes and receives approximately 2,000 journal subscriptions. The Falk Library collection also includes a special History of Medicine collection. In addition to the library's print collection, the Computer and Media Center (CMC) includes videotapes, audiotapes, more than 100 public computers, and over 300 microcomputer software packages.

WPIC Library is one of the world’s most comprehensive resources in psychiatry and the behavioral sciences, with approximately 70,000 books, 420 journals, and 600 audio tapes. The WPIC Library collection also includes 550 videotapes held at the Benedum Audiovisual Center. The Nursing Library is located on the second floor of Victoria Hall and includes about 10,000 books and 150 journal titles.

HSL Online, a digital clinical library, offers access through the World Wide Web to current biomedical databases, full-text journals, major full-text clinical and subspecialty textbooks, clinical practice guidelines, and current drug and toxicology information. HSL Online includes the following databases and information services: MEDLINE, AIDSLine, CancerLit, Bioethicsline, HealthStar, CINAHL, PsychnFO, Evidence-Based Medical Reviews, Micromedex, MDConsult, STAT!Ref, Harrison’s Principles of Internal Medicine, Lippincott's Primary Care Online, and Scientific American Medicine Online.

For information about the Health Sciences Library System and its resources, or to access HSL Online, see http://www.hsls.pitt.edu/ or E-mail medlibq+@pitt.edu.

COMPUTING SERVICES AND SYSTEMS DEVELOPMENT

CONTACT INFORMATION
728 Cathedral of Learning
Phone: (412) 624-4357
Web site: http://technology.pitt.edu/

Computing Services and Systems Development (CSSD) is the comprehensive service center for the University of Pittsburgh's computing support and systems development environment. A number of those services provided by CSSD are detailed below. For a full discussion of CSSD's services, consult the Web page listed above.

CAMPUS COMPUTING LABS
CSSD operates six primary computer labs on the Pittsburgh campus, providing students with access to Intel, Macintosh, and UNIX workstations and an array of software applications needed to fulfill the demands of students' academic endeavors. The six computing labs are located at 1077 Benedum Hall, G27/G62 Cathedral of Learning, 1E01 Posvar Hall, First Floor Hillman Library, 230 David Lawrence Hall, and C114 Sutherland Hall. The 230 David Lawrence Hall lab is open 24 hours a day, seven days a week. For hours of operation for all campus computing labs, please call (412) 624-5061.

NETWORK AUTHORIZATION ACCOUNTS
All enrolled students are eligible for a network authorization account (NAA). The NAA will permit a student to establish a user ID and a password to provide access to the University’s network resources, a Mulberry E-mail account, the Internet/WWW, the University Library System's PITTcat system, and a printing allowance at the campus computing labs. All students who wish to use the University computing resources, including the ability to access their schedules and grades online or to shop at the e-Store, must have a network authorization account. Accounts are issued at any of the campus computing labs. Password re-set and other account modifications must be made between 8:30 a.m. and 5:00 p.m. at the Accounts Office at the 230 David Lawrence Hall lab. Please contact the CSSD Help Desk at (412) 624-HELP (624-4357) for assistance with accounts.

NETWORK PORT CONNECTIVITY
Students can access the University’s network from home with their network authorization account and a modem through the remote access modem pool. Please contact the CSSD Help Desk at (412) 624-HELP (624-4357) for assistance.

COMPUTER CONSULTING SERVICES
CSSD has a staff of skilled information technology (IT) professionals who are available to help troubleshoot problems 24 hours a day, seven days a week. CSSD consultants are available to help with problems such as network connectivity, software difficulties, or even hardware malfunctions. Please call the CSSD Help Desk at (412) 624-HELP (624-4357) for assistance.

COMPUTER SALES AND DIGITAL CERTIFICATION
University of Pittsburgh students, faculty, and staff have access to the e-Store, an online retail provider of hardware, software, and peripherals, for their computing needs. Shopping at the e-Store requires a network authorization account and a digital certificate ID. Please see the e-Store's Web site at http://e-Store.pitt.edu/ for University-recommended computer systems and for instructions on obtaining a digital certificate. Call the CSSD Help Desk at (412) 624-HELP (624-4357) for more information.

COMPUTING WORKSHOPS AND TRAINING
CSSD offers Quickstart classes, a series of short courses designed to orient new and experienced users to the University’s network, the Mulberry E-mail environment, and the selection of software applications available in the campus computing labs. CSSD also offers a selection of Java and Microsoft certification courses for students. For additional information and a schedule of classes, please see the CSSD Workshop site at http://www.pitt.edu/~workshop or call the CSSD Help Desk at (412) 624-HELP (624-4357).

NETWORK SERVICES
The Network Services area of CSSD is responsible for the development and maintenance of the University’s information technology network supporting voice, video, and data. The backbone of the University-distributed computing services is PittNet, a network based on Ethernet technology that serves the diverse communications needs of the entire University community. For additional information, please see the Network Services site at http://technology.pitt.edu/network/index.html or call (412) 624-4357.

RESEARCH AND ACADEMIC SUPPORT
A number of centers at the University support teaching, research, and academic skills for graduate students in a variety of fields. Those centers are detailed below in alphabetical order.

CENTER FOR BIOTECHNOLOGY AND BIOENGINEERING
The Center for Biotechnology and Bioengineering is a leading center for research in biology and bioengineering. The center’s headquarters, a new 80,000 square foot building located in a high-technology business park near the University, houses 100 researchers actively pursuing projects in the center’s main programs in applied enzymology, cell culture, biomaterials, gene therapy, and artificial organs. The center’s goals include training new generations of scientists; accelerating the process of innovation in biotechnology and
bioengineering; and providing assistance to the industrial community through industrially supported applied projects.

For more information on the center, call (412) 383-9700 or see the center’s Web site at http://www.pitt.edu/~biotech/.

CENTER FOR INSTRUCTIONAL DEVELOPMENT & DISTANCE EDUCATION (CIDDE)
The Center for Instructional Development & Distance Education (CIDDE) was established to strengthen the instructional development and support services available to faculty and teaching assistants. The Center enables faculty to identify and use technology and other instructional resources available to them.

CIDDE provides faculty and teaching assistants with a primary contact point for many of the instructional services they need, and it also assists in developing and supporting distance education programs and courses. CIDDE also hosts an orientation for new TAs each fall and provides ongoing training seminars for teaching assistants wanting to develop their teaching skills. For more information, visit CIDDE at 4227 Fifth Avenue (Masonic Temple), call (412) 624-3335, or visit CIDDE’s Web site at http://www.pitt.edu/~ciddeweb/.

CENTER FOR PHILOSOPHY OF SCIENCE
The Center for Philosophy of Science promotes scholarship and research, encourages scholarly exchanges, and fosters publications in the philosophy of science as well as in the philosophically informed history of science and related fields. The center is dedicated to bridging the gulf between the sciences and the humanities by helping to develop and disseminate a philosophical understanding and appreciation of the sciences. The center pursues its mission not only locally and regionally, but also nationally and internationally. The center sponsors a visiting fellows program, an annual lecture series, a number of colloquia and workshops, and a variety of other programs. Like other centers at the University of Pittsburgh, the Center for Philosophy of Science is a unit for research rather than teaching. For more information on the center, visit the center in room 817 of the Cathedral of Learning, or on the Web at http://www.pitt.edu/~pittcntr/.

ENGLISH LANGUAGE INSTITUTE
The English Language Institute (ELI) provides credit-bearing English as a Second Language (ESL) courses for students admitted to the University’s degree programs, as well as intensive instruction in ESL for people who need to meet proficiency requirements to enter a university. Credit courses are offered in speaking, writing (including the research paper), and reading/vocabulary. Through the School of Engineering, a technical writing for ESL graduate course is provided. During the summer, the ELI offers free five-week ESL programs for students entering MBA and MPIA graduate programs. Non-credit courses cover reading, writing, listening, speaking, and grammar. For more information, call (412) 624-5901, E-mail eli@pitt.edu, stop by room 2816 Cathedral of Learning, or visit the Institute’s Web site at http://www.eli.pitt.edu.

INSTITUTIONAL REVIEW BOARD
The Institutional Review Board (IRB) is charged with overseeing and approving all research at the University involving humans as subjects. For more information on the IRB’s policies and practices, call (412) 692-4370 or see the IRB’s Web site at http://www.ofres-hs.upmc.edu/irb/irb.htm.

LEARNING RESEARCH AND DEVELOPMENT CENTER (LRDC)
The Learning Research and Development Center (LRDC) is a multidisciplinary research center whose mission is to understand and improve learning by children and adults in the organizational settings in which they live and work: schools, museums, and other informal learning environments, and workplaces.

Fields of research include: processes of learning; learning in schools and museums; education improvement; education policy and practice; learning and technology; and learning and work. For more information, visit the center’s Web site at http://www.lrdc.pitt.edu.

LEARNING SKILLS CENTER
The Learning Skills Center (LSC) offers free learning support services for University of Pittsburgh students, staff, and faculty. The math component provides tutoring for the University’s introductory math courses and individual consultation for improving study strategies and confidence in math. Individual and group study skills services are available through the study skills component. In the study skills workshop, students learn, discuss, and practice strategies for improving textbook reading, lecture note taking, memory, time management, and test performance. Individual appointments can also be made for general study skills, for suggestions on how to study specific subjects, or for help in reducing test anxiety.

Supplemental Instruction groups are conducted by the LSC for traditionally difficult introductory courses to give students the opportunity to learn and practice effective study strategies while studying the content of the course. The reading component provides diagnostic services, individualized programs in comprehension and vocabulary, and speed reading workshops.

For more information, contact the center at (412) 648-7920, room 311 William Pitt Union (open Monday through Friday from 8:30 a.m. to 5:00 p.m. and some weekday evenings), or see http://www.lsc.pitt.edu.

OFFICE OF MEASUREMENT AND EVALUATION OF TEACHING (OMET)
The Office of Measurement and Evaluation of Teaching (OMET) provides services to the University community related to student evaluation of teaching, the scoring of objective classroom tests, the administration of paper-and-pencil and computer-based admission and certification examinations, and consultation regarding research design and analysis. Instructors teaching a class, lab, or recitation can receive student feedback about their teaching by completing a request form that is available in both their respective departments and in G-39 CL (call 624-6147 for information). Information about test scoring and administration is available in G-33 CL (call 624-6440). OMET’s Web site is located at http://www.pitt.edu/NewPittInfo/omet.html#stu.

OFFICE OF RESEARCH
The Office of Research is charged with administrative responsibility for all University research and related activities involving extramural sponsorship. The Office of Research serves as both a center of advocacy for research and related activities and a facilitator of the research environment. The functional areas supported by Office of Research staff include information services on potential sources of funding, project and proposal development assistance, and grants and contracts administration for both pre-award and selected post-award tasks. All funding proposals submitted by University personnel must be transmitted to and reviewed by Office of Research staff to assure adherence to internal and external policies and procedures. For more information on the office’s services, call (412) 624-7400, visit 350 Thackeray Hall, or see http://www.pitt.edu/~offres/.
UNIVERSITY CENTER FOR INTERNATIONAL STUDIES (UCIS)
The University Center for International Studies (UCIS) is the central coordinating and support mechanism for the international activities of the University of Pittsburgh. As a University-wide center, UCIS supports multidisciplinary programs of research and instruction in international and area studies, linking departments and schools of the University. It connects the University with private and public sector institutions, other universities, and institutions in other countries to strengthen the University’s international dimension of teaching, research, and public service. UCIS aids students in their acquisition of international knowledge through certificate programs, study abroad programs, curriculum developments, and seminars; assists faculty in their international research, teaching, and service; and develops and manages international programs and projects. The center offers graduate certificate programs through its four area studies centers (Asian Studies, Latin American Studies, Russian and East European Studies, and West European Studies), all of which are designated by the federal government as National Resource Centers. Area studies certificates give evidence of language proficiency and area knowledge, which students find useful for international careers or for advanced degrees with a focus in a particular world area.

For more information, contact UCIS at 4G Posvar Hall, (412) 648-7390, or http://www.ucis.pitt.edu/index.html.

UNIVERSITY CENTER FOR SOCIAL AND URBAN RESEARCH (UCSUR)
Established in 1972 to carry out basic and applied social science research, the University Center for Social and Urban Research (UCSUR) is a focal point for collaborative interdisciplinary and multidisciplinary studies. Faculty from the University’s Faculty of Arts and Sciences and the professional schools participate in UCSUR’s research programs. More than 60 federal, state, and local agencies, and foundations support the basic and applied research of the Center.

UCSUR is the major survey research facility at the University of Pittsburgh. The center provides opportunities for faculty collaboration in the development of research projects. It also provides state-of-the-art survey research facilities and other services to assist in formulating and executing research projects; information and technical services for local governments, community groups, and educational institutions; and primary and secondary data acquisition and analysis.

UCSUR is a Pennsylvania State Data Center research affiliate responsible for helping local academic institutions, businesses, governments, and other organizations in Southwestern Pennsylvania access and analyze U.S. Bureau of the Census data.

For more information on UCSUR, call (412) 624-5442 or see http://www.ucis.pitt.edu/index.html.

WRITING CENTER
The Writing Center, located in the University’s English department, offers tutoring assistance for students who need help with their writing in any class. Tutors will help solve writing problems with students but will not edit or write text. Students may drop in at any time, but it is best to call for an appointment. The Writing Center is open Monday through Friday and also has some evening hours. For more information, call (412) 624-6556, stop by room 501 Cathedral of Learning, or see http://www.pitt.edu/~englweb/writecent.html.

SERVICES FOR NEW TEACHING ASSISTANTS
The University has a variety of support mechanisms for new teaching assistants to help them develop and improve their teaching skills. Each fall, the Center for Instructional Development & Distance Education (CIDDE) hosts an orientation for new TAs. The program includes required workshops led by experienced TAs and faculty on promoting academic integrity and creating an inclusive classroom. Elective workshop topics address issues such as teaching in labs, teaching recitations, and dealing with difficult situations. A panel of professors and students describe the University’s undergraduate population to new TAs. For registration information, call (412) 624-6671. CIDDE also publishes a Teaching at Pitt handbook that includes helpful information for new TAs.

Also, CIDDE and the Office of Measurement and Evaluation of Teaching (OMET) provide further training and evaluation for teaching assistants (see above for detail on CIDDE and OMET).

HOUSING
Pittsburgh has a number of pleasant residential neighborhoods with private homes that have been converted to apartments. Many graduate and professional students live in Oakland, where the University is located, or in the surrounding neighborhoods of Shadyside, Squirrel Hill, Highland Park, and Mount Washington. All of these areas are within walking distance or easy commuting distance of the University. Public bus transportation is widely available and is free (inside Allegheny County limits) to University students.

Ruskin Hall is the only residence hall on campus for graduate students. It is designated as living space for graduate students studying medicine, law, or other health-related professionals. Students interested in Ruskin Hall should contact the Property Management Department (see below).

HOUSING RESOURCE CENTER
The Housing Resource Center provides assistance to students, staff, and faculty in identifying, renting, leasing, or purchasing suitable living accommodations. The Housing Resource Center provides the following: information on University-owned apartments; an apartment-roommate matching service; a sublet service; maps of Pittsburgh and surrounding areas; rental tips; campus shuttle schedules; free local telephone service to contact landlords; and listings of apartments inspected and approved by the City of Pittsburgh. Call (412) 624-6998, visit the office at 127 North Bellefield Street, or see http://www.pitt.edu/~property/hrc.html.

PROPERTY MANAGEMENT
The Department of Property Management manages several off-campus apartment buildings near the University for students, faculty, and staff. For more information on the buildings and how to make a rental application, call (412) 624-9900, visit the office at 127 North Bellefield Avenue, or see http://www.pitt.edu/~property/pm.html.
The University is committed to providing a high quality of life for its students and towards that end supports a variety of offices and activities designed to aid students in realizing their potential and having a fulfilling campus life.

AFFIRMATIVE ACTION

In addition to its work with developing, implementing, and monitoring the University’s affirmative action program, the Office of Affirmative Action is responsible for receiving, investigating, and mediating complaints from any members of the University community who believe they have been discriminated against or harassed on the basis of their race, color, religion, national origin, ancestry, sex, age, marital status, familial status, sexual orientation, disability, or status as a disabled veteran or a veteran of the Vietnam era. Individuals may request information and advice anonymously if they wish. The privacy of all parties will be respected. The office is located in room 901 of the Cathedral of Learning and the phone is (412) 648-7860. See http://www.hr.pitt.edu/general/Affirm.htm for further information on the office’s services and the University’s affirmative action policy.

ATHLETICS

The University offers a variety of opportunities for students to participate in athletics on the intramural and club levels as well as on-campus facilities for group sports and individual exercise.

VARSITY SPORTS

The University offers nine varsity sports each for men (baseball, basketball, cross country, diving, football, soccer, swimming, indoor and outdoor track, and wrestling) and women (basketball, cross country, diving, gymnastics, soccer, swimming, tennis, indoor and outdoor track, and volleyball). For tickets, scheduling, or other information about these sports, call (412) 648-8200 or visit the Pittsburgh Panthers Web site at http://www.pittsburghpanthers.com.

INTRAMURAL AND CLUB SPORTS

New outdoor playing fields are available behind the renovated Cost Sports Center. Call (412) 648-8210 for more information or visit the intramural program’s Web site at http://www.pitt.edu/~soeforum/hpred/intramuals/Imexperi.html.

Sports clubs offer participation in a wide array of sports such as cycling, crew, hockey, and rugby. Contact the Student Organization Resource Center at 119 William Pitt Union, (412) 624-7116 for a complete list of sports clubs, or visit the club site at http://www.education.pitt.edu/intramurals/.

SPORTS FACILITIES

There are a variety of sports facilities available for use by individuals and groups. In Trees Hall, there are two swimming pools (call 412-648-8210 for pool information), a weight room, and courts for basketball, racquetball, handball, and squash. The Fitzgerald Field House also has two basketball courts and a 220-yard indoor track (call 412-648-8213 for schedule of available times). The Cost Center has nine indoor tennis courts, and fitness centers are available at Bellefield and Lothrop Halls. Bellefield Hall also has a swimming pool. The new Convocation and Events Center, scheduled to open on the Pitt Stadium site in 2001, will house a large student recreation and fitness center, among other amenities.

BOOK CENTERS

The University owns and operates two bookstores on campus: the Book Center and the Health Book Center. The Book Center, located at 4000 Fifth Avenue, carries textbooks for most University courses, as well as a general book selection, school supplies, and sundries such as art supplies, stationery, greeting cards, and calendars. Call (412) 648-1455 or see http://www.pitt.edu/~bookctr/ for more information. The Health Book Center, located at 3527 Forbes Avenue, carries all course books for the Schools of Medicine, Dental Medicine, Health & Rehabilitation Sciences, Nursing, Pharmacy, and Public Health. Call (412) 648-8915 or see http://www.pitt.edu/~bookctr/hbc.htm for more information.

CHILD CARE

The University Child Development Center provides care and early childhood education to children of faculty, staff, and students of the University of Pittsburgh. Children range in age from six weeks through six years and participate in a wide range of programs that include full- and part-time infant, toddler, and preschool options and full-day kindergarten. There is a school-age summer program as well. The center serves the University as a laboratory school and the greater community as a model of early childhood excellence. There is a lengthy waiting list and prospective parents are encouraged to put children on that list as soon as possible. It is acceptable to put an unconceived child on the list in the interest of prudent planning. The Center is located at 635 Clyde St. and is open from 7:00 a.m. to 6:00 p.m., Monday through Friday. For more information, call (412) 383-2100 or see http://www.hr.pitt.edu/ucdc/child.html.

COUNSELING CENTER

The University Counseling Center provides free, confidential services to all students. The staff consists of psychologists, psychiatrists, and career counselors. Services include individual counseling, group counseling and the Career Resource Center. Students may come to the center for assistance with problems of an emotional, social, marital, academic, or career nature. The center is located in room 334 of the William Pitt Union and is open year-round from Monday through Friday from 9 a.m. to 5 p.m., with additional hours from 6:00 p.m. to 9:00 p.m. on Monday nights during the Fall and Spring Terms. Call (412) 648-7930 for an appointment or see http://www.pitt.edu/~counsel for more information.

DISABILITY RESOURCES AND SERVICES

The Office of Disability Resources and Services (DRS) provides a broad range of support and services to assist students with disabilities. Services include, but are not limited to, the following: tape-recorded textbooks, sign language interpreters, adaptive computer technology, Braille copy, and non-standard exam arrangements. DRS can also assist students with accessibility to campus housing and transportation. Contact the DRS at (412) 648-7890 (voice or TDD) in room 216 of the William Pitt Union, or see http://www.pitt.edu/~osaweb/drs/drs.html for more information.

FOOD SERVICES

The Department of Food Services operates several cafeterias and food courts on campus and administers a meal plan for students, including graduate and professional students. Cafeterias or food courts are located in the following University buildings: Tower A, Tower C, William Pitt Union, Cathedral of Learning, Sutherland Hall, Mervis
Hall, Benedum Hall, and Posvar Hall. Call (412) 648-2164 or see http://www.pitt.edu/~food/ for more information.

The University of Pittsburgh Medical Center also operates a cafeteria on the 11th floor of Scaife Hall.

HEALTH CARE AND STUDENT HEALTH SERVICE

All full-time students pay a Student Health Fee each term to cover a variety of services at the Student Health Service, which is located in Suite 500, Medical Arts Building, 3708 Fifth Avenue. The Student Health Service is a multi-service healthcare facility that offers outpatient clinical services, gynecology, and family planning, as well as comprehensive health education programs. Call (412) 383-1800 or see http://www.pitt.edu/~studhlth for more information.

The University of Pittsburgh Pharmacy, located in the same suite as the Student Health Service, offers over-the-counter and prescription medication, often at lower prices than available elsewhere. Call (412) 383-1850 or see http://www.pitt.edu/~pitrpharmacy/ for more information.

Students should have health insurance to protect themselves in the event of illness or injury. Also, some schools may require students to carry insurance as a condition of their enrollment, particularly when students may be in contact with blood-borne pathogens. A direct pay medical insurance plan, underwritten by MEGA Life and Health Insurance Company, is available to students registered at the University for three or more credits. While not a full-coverage plan, this plan is designed to provide a student’s basic health care needs, including services not offered at the Student Health Service such as hospitalization and emergency care. Students may enroll in the MEGA plan only during certain enrollment periods. Applications, enrollment deadlines, and further information on the plan are available at the Student Health Service, Suite 500, Medical Arts Building, 3708 Fifth Avenue. The University of Pittsburgh, Pittsburgh, PA 15260, (412) 383-1800, or by contacting the Office of Risk Management at University of Pittsburgh Pharmacy, located in the same suite as the Student Health Service, offers over-the-counter and prescription medication, often at lower prices than available elsewhere. Call (412) 383-1850 or see http://www.pitt.edu/~pitrpharmacy/ for more information.

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Teaching Assistants, Teaching Fellows, Graduate Student Assistants, and Graduate Student Researchers with eligible academic appointments are currently eligible to enroll in a managed care plan. The University will cover the cost of this insurance for these eligible graduate students. Coverage is available for eligible spouses and dependents by paying the difference between the individual and dependent options through a monthly payroll deduction. Students supported by fellowships and traineeships may be eligible to purchase dependent options through a monthly payroll deduction. Students may also use a birth certificate as a form of non-photo identification.

There is no charge for the initial PittCard. However, there is a $20 replacement fee for lost, stolen, or damaged cards. Call (412) 624-7643 (624-7632 after hours) or see http://www.pitt.edu/~idcenter/index.html for more information.

INTERNATIONAL SERVICES

The Office of International Services provides services on matters relevant to international students and scholars. Among the services provided are the evaluation of foreign academic credentials for applicants to the University of Pittsburgh with education outside the United States; the issuance of visa documents; orientation for new international students; counseling on personal, social, and financial matters; information and advising on regulations of the Immigration and Naturalization Service and other government agencies, as well as the processing of documents for enrolled international students for travel and employment. To contact the Office of International Services, phone (412) 624-7120, fax (412) 624-7105, or E-mail ois@pitt.edu. The office’s mailing address is Office of International Services, 708 William Pitt Union, University of Pittsburgh, Pittsburgh, PA 15260-5071.

PARKING AND TRANSPORTATION

The University provides a variety of parking and transportation services, both on and off campus, some of which are detailed below. For more complete information, call the University Department of Parking, Transportation, and Services’ 24-hour hotline at (412) 624-8800 or see http://pandt.pitt.edu/.

PARKING SERVICES

A limited number of parking permits are available for graduate and professional students living in Ruskin Hall and for those students who commute from off-campus. Permits are sold on a first-come, first-served basis. Daily student commuter parking is also available in several lots located throughout the campus. No permit is required for these facilities; charges are based on daily or hourly rates. Commuter students may also purchase parking permits at the Center for Biotechnology and Bioengineering, an off-campus lot connected to main campus by a shuttle. Evening/weekend student parking permits are available to those who do not need to park until after 3:50 p.m. on weekdays. For more information, contact the Parking Office, 204 Brackenridge Hall, (412) 624-4034.

RIDESHARING

Daily commuter students can save money by sharing a ride with other students. A free, computerized matching service is available to find names and phone numbers of others interested in sharing a ride. Call (412) 624-0687 for more information.

PITTSBURGH CAMPUS TRANSPORTATION SYSTEM

University of Pittsburgh students may ride all of the Pitt buses and shuttles for free by showing a valid University ID. In addition, students are permitted two guest riders (space permitting). Buses and shuttles normally have a 25- to 35-minute route. Detailed maps and time schedules are available in the lobbies of many campus buildings, libraries, and residence halls.

VAN CALL

An on-call Van Call is available from 7 p.m. until 3 a.m. Sunday through Wednesday, and from 7 p.m. until 5 a.m. Thursday through Saturday, to transport students from campus to a residence or from a residence to campus. This service is only available for those not on a fixed shuttle route and within the following area around the campus: South—Second
Avenue/Center for Biotechnology and Bioengineering parking; North—Baum Boulevard; West—Robinson/Craft Avenue; and East—Morewood Avenue. Van Call will also pick up students at the downtown Greyhound bus station on Sundays only. Students may call (412) 624-1700 to have the on-call van dispatched to their location.

PORT AUTHORITY

University of Pittsburgh students may ride any Port Authority bus, incline, or trolley within Allegheny County for free by showing their valid University ID card. Port Authority bus schedules are available at the Transportation Office in Forbes Pavilion, the Parking Office at Brackenridge Hall (room 204), and in the lobby of the William Pitt Union.

BICYCLE REGISTRATION PROGRAM

Registration of bicycles is recommended as a deterrent to theft, to help in the identification of lost or stolen bicycles, and to help the Department of Parking, Transportation, and Services better accommodate cyclists at the University. Registration is free. Bicycle rack parking is also free. Bicycle parking maps, regulations, and safety tips are available from the department. Bicycle lockers may be rented for $40 per term, plus a $10 refundable locker key deposit. Call (412) 624-0687 for more information.

PITT ARTS

PITT ARTS is a program designed to provide the University’s students with access to and information about the many cultural institutions in Pittsburgh. The program’s Web site gives information about a wide range of events in music, film, theater, visual arts, lectures, museums, and other cultural programming both on campus and in the city at large; it also provides information about volunteering for different cultural organizations in the city. PITT ARTS has programs designed for both resident and commuting students, including providing free access during the Fall and Spring Terms for all University students with a valid ID to several museums in Oakland: Phipps Conservatory and the Carnegie Museums of Art and Natural History.

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PITT ARTS and the Department of Parking, Transportation, and Services also sponsor the Cultural Bus for the convenience of Pitt students every Sunday through the Fall and Spring Terms. The Cultural Bus (number 17U) departs from the William Pitt Union, on Bigelow Boulevard, beginning at 12:00 noon. The 17U Cultural Bus takes students to some of Pittsburgh’s key cultural destinations, including the Andy Warhol Museum, Heinz Hall, the Senator John Heinz Regional History Center, the Mattress Factory, and the Carnegie Science Center. Schedules are available at the William Pitt Union Parking Office (204 Brackenridge Hall), and Transportation Office, 3525 Forbes Avenue, and online at the Parking and Transportation Web site: http://p-and-t.parktran.pitt.edu/.

For more information, visit PITT ARTS at http://www.pitt.edu/~pittarts/.

PLACEMENT SERVICE

Graduate and professional students should consult with their faculty mentors as well as departmental, program, or school placement services as their primary source for guidelines on career development specific to their discipline. As a secondary resource, the University Placement and Career Services, though mainly designed to assist undergraduates, has a variety of services that may be of use to graduate and professional students. Placement and Career Services is designed to work with students at each step of the Pitt Pathway, a developmental model for career planning and implementation. Specific services that assist students in implementing their plan and beginning their job search include an on-campus recruiting program, a resume referral service, current job postings posted on the Web site and on job boards, and use of an alumni volunteer database entitled AlumNet. Placement and Career Services helps students establish contact with employers in the fields of business, government, health care, education, industry, and private research. A credential service maintains letters of recommendation files that are sent at the request of the student to prospective employers and graduate schools. PCS also maintains a part-time/summer job database for students interested in temporary or part-time work on and off campus. For more complete information on services provided by Placement and Career Services call (412) 648-7130, stop by room 224 William Pitt Union, or see http://www.placement.pitt.edu.

PUBLIC SAFETY

The Department of Public Safety provides police and security services to the University community. For emergency calls dial 811 from on-campus phones or (412) 624-2121 from off-campus phones. The University of Pittsburgh Police Department’s main headquarters is located in G1N30 Posvar Hall. For general information calls (non-emergency), dial (412) 624-4040. For more information on the Department of Public Safety, see http://www.pitt.edu/~police/.

SEXUAL ASSAULT SERVICES

The Office of Sexual Assault Services provides individual and group counseling designed to alleviate the trauma associated with sexual assault and sexual harassment. University of Pittsburgh students who have been sexually assaulted or who have experienced some form of sex discrimination are eligible for services. Emergency, medical, legal, and police support are provided. Students are assisted in negotiating course schedule or room changes and in obtaining medical, legal, and counseling resources available to them within the University and local communities.

The peer education program is an integral component of Sexual Assault Services. P.E.E.R.S. (Peer Educators for an Environment Free of Rape and Sexual Exploitation) is a volunteer student outreach program whose mission is to create an awareness of the dynamics of sexual assault on the Pitt campus, promote healthy relationships and effective communication, and reduce the occurrence of sexual victimization. For more information, call (412) 648-7856, visit 926 William Pitt Union or see http://www.pitt.edu/~saserv, or call (412) 648-7844.

STUDENT GOVERNMENT

The Graduate and Professional Student Association (GPSA) is the official umbrella graduate and professional student organization at the University of Pittsburgh. GPSA is made up of graduate student organizations (GSOs) from each of the schools at the University. The purpose of GPSA is to represent both the academic and non-academic interests of all graduate and professional students and to provide student-initiated and student-controlled services. GPSA coordinates efforts with graduate student organizations from the different University graduate and professional schools and provides graduate student representation on key University-wide committees. The GPSA also has a limited amount of funding to support student scholarship, including funding for student travel to academic conferences, for
interlibrary loans, and for academic programs sponsored by individual schools within the University. For more information, see the GPSA Web site at http://www.pitt.edu/~gpsa2.

**STUDENT ORGANIZATIONS**

Over 250 certified student organizations provide a myriad of opportunities for extracurricular activity. In addition to student government, media, publications, and programming organizations, there are clubs for sports, recreation, performing arts, politics, religion, service, professional and academic pursuits, ethnic and cultural enrichment, and many other specialized interests. A complete list of certified student organizations is available from the Office of Student Activities (140 William Pitt Union, 412-648-7830, or see http://www.pitt.edu/~studact/).

**SURVIVAL SKILLS AND ETHICS PROGRAM**

The Survival Skills and Ethics Program sponsors a series of monthly workshops and activities designed to help train graduate and professional students in the skills necessary for success during and after their time at the University. These skills include the ability to communicate both orally and in writing, to learn and teach, to obtain and keep a job, to manage stress and time, and to behave responsibly. Graduate and professional programs often do not provide comprehensive training in all of these areas; the Survival Skills & Ethics Program encourages the development of mechanisms for assisting graduate and professional students in developing these skills.

For more information on workshops and other services provided by the program, call (412) 624-7098, visit 4K57 Posvar Hall, or see http://www.pitt.edu/~survival/.

**VETERANS SERVICES**

The staff of the Office of Veterans Services assists veterans, war orphans, and veterans’ dependents in obtaining and using their VA educational benefits. In addition to these services, the office implements the VA work-study program. The staff serves as the veterans’ representative with the University, the Veterans Administration, and other related agencies. The office is located in room G-3 of Thackeray Hall. Call (412) 648-7885 or see http://www.pitt.edu/~srfsweb/vetPgVetServ.htm for more information.

**WILLIAM PITT UNION**

The William Pitt Union, built just over 100 years ago as the Schenley Hotel, has been extensively remodeled and renovated. The union is located across Bigelow Boulevard from the Cathedral of Learning and serves as the focal point for campus activities, student organizations, and the Division of Student Affairs. The union features a recreation center, arcade, food service, information service, art gallery, TV room, dance studio, lounges, meeting rooms, student organization offices, ticket office, dining rooms, and several multi-use spaces for programs. To reach the union’s information desk, call (412) 648-7815.
GENERAL ACADEMIC REGULATIONS

ADVISING

The quality of education that graduate students receive is greatly enhanced with good academic advising at all stages of their program. Given the diversity of these needs, each school and program must determine the best way to provide these services. Each program should have a document describing its view of good graduate advising practices and a clear policy on how good graduate advising is assessed and rewarded. For more information on academic advising at the graduate level, see Elements of Good Academic Advising at http://www.pitt.edu/~provost/advising.html.

Students are encouraged to consult with the individual school for school-specific advising services. In addition, the online Schedule of Classes can be a useful advising tool (see http://www.pitt.edu/~srfewb/crsinfo.html) in planning a course of study.

ALLOWABLE CREDITS

There are certain limitations on the credits that can be earned towards a graduate degree at the University of Pittsburgh. Those limitations are detailed below.

ACCEPTANCE OF TRANSFER CREDITS

Students who have completed graduate courses in degree-granting graduate programs at other accredited institutions prior to admission to the University of Pittsburgh should submit official transcripts from those institutions at the time they apply so that the courses can be evaluated for transfer credit. In no case may the total number of credits transferred exceed the maximum number stated in the sections of this bulletin pertaining to advanced degree requirements. For more detail, see credit requirement information in the sections on Regulations Pertaining to Master of Arts and Master of Science Degrees, Professional Master’s Degrees, or Doctoral Degrees as well as the relevant program information in Schools, Departments, and Programs. Grades (and quality points) are not recorded for credits accepted by transfer.

Transfer credits will not be accepted for courses in which a grade lower than B (QPA=3.00) or its equivalent has been received. No credit will be granted toward an advanced degree for work completed in extension courses, correspondence courses, courses delivered electronically, or those offered in the off-campus center of another institution unless those courses are approved for equivalent graduate degrees at that institution and the institution has an accredited program.

The completion of requirements for advanced degrees must be satisfied through registration at the Pittsburgh campus of the University of Pittsburgh. Graduate students already enrolled may, when approved in advance by their department and the dean, spend a term or more at another graduate institution to obtain training or experience not available at the University of Pittsburgh and transfer those credits toward the requirements for an advanced degree at the University of Pittsburgh. In such instances, neither the University nor any of its components is responsible for providing any financial assistance to the graduate student.

COURSE WORK ACCEPTABLE AS GRADUATE CREDIT

A substantial proportion of courses acceptable toward a graduate degree should be designed explicitly for graduate students. Introductory graduate-level (master’s-level) courses are numbered 2000-2999, and those at an advanced graduate-level (doctoral-level) are numbered 3000-3999. To be eligible for a master’s degree, a student must have completed at least four courses (12 credits) or one-half the total number of credits submitted for the degree, whichever is greater, at the graduate-level (2000 or 3000 series). Doctoral students must complete additional graduate-level courses as determined by his or her department or school. No lower-level undergraduate courses numbered 0001-0999 may be applied toward a graduate degree.

CREDIT BY COURSE EXAMINATION

Some schools at the University offer credit by course examination. Each school authorized to offer graduate courses clearly specifies in its section of this bulletin whether or not students may obtain credit toward a degree in this fashion and, if so, for which courses. A school granting graduate credit for life or work experience will do so only through the option of credit by examination.

CROSS REGISTRATION CREDITS

Students may register for graduate courses at Carnegie Mellon University, Duquesne University, the Pittsburgh Theological Seminary, and Robert Morris College under the Pittsburgh Council on Higher Education (PCHE) cross registration agreement. Such work, if approved in advance by the student’s advisor, will not be considered as transfer credit and may be counted for credit toward a graduate degree; the grade earned will be used in computing the student’s quality point average. See also Cross Registration in Registration section of this bulletin.

ENROLLMENT IN GRADUATE COURSES AS AN UNDERGRADUATE

University of Pittsburgh undergraduate students with sufficient preparation are permitted to enroll in certain graduate courses at the University following procedures determined by each school. The graduate credits earned may be counted toward the undergraduate degree if approved by the student’s school. These may not be counted as credits toward a graduate degree except as noted below.

Undergraduate students who need fewer than 15 credits to complete requirements for the baccalaureate degree and who intend to continue study toward an advanced degree may be permitted during their final term to register for graduate courses that will later apply toward a graduate degree. The student must obtain written permission from the school of proposed graduate study that the courses may count when and if the student is admitted into the graduate degree program. This privilege should not be granted if the proposed total program exceeds a normal full-time load. Although these credits will appear
on the undergraduate transcript, they will not count toward fulfilling undergraduate degree requirements. They will be posted as advanced standing credits on the graduate transcript.

REGISTRATION

REGISTRATION FOR CLASSES

After being admitted to a graduate program, students may register for classes with their academic advisor. The registration period for a term or session is published in the University’s Schedule of Classes (see http://www.pitt.edu/~srfsweb/crseinPgCrsInfo.htm), in course descriptions, on calendars (including the University’s Academic Calendar at http://www.pitt.edu/~provost/calendar.html), and in numerous other publications.

Students registering for the first time are advised to complete registration well before the beginning of the term. Typically, the first day of classes is the last day for students to register. After the start of classes, registration for new and continuing students is permitted only in unusual circumstances and only with the written approval of the dean and the payment of a late registration fee.

Many students have the convenience of processing their registration form online in their school or advisor’s office. Students may also process their registration form in the Registration Office, G-1 Thackeray Hall.

Students are required to have the signature of their academic advisor on the registration form. The student’s signature on the registration form creates a financial obligation to the University of Pittsburgh. Once students have registered, they may view their class schedules online at http://student-info.pitt.edu.

FULL-TIME AND PART-TIME STUDY

Students must be officially admitted to the University to be eligible to register for classes. Graduate students who register for nine to 15 credits in the Fall or Spring Term are full-time students and are assessed the tuition rate for their school (for detail, see http://www.ba.pitt.edu/irweb/tuition/tuitionmpg.htm). A school may require students enrolled in a degree program to register for more than nine credits. Students who register for fewer than nine credits are part-time students and are billed on a per-credit basis. During the Summer Term and Summer Sessions, most students are billed on a per credit basis regardless of the number of credits taken. At the Katz Graduate School of Business, full-time MBA students are billed a flat rate in the Summer Term (since this is a one-year program, tuition is spread over three terms).

Doctoral students who have completed all credit requirements for the degree, including any minimum dissertation credit requirements, and are working full-time on their dissertations may register for full-time dissertation study, which carries no credits or letter grade but provides students full-time status. Students so enrolled are assessed a special tuition fee but are still responsible for paying the full-time computer and network, security/transportation, student health service, and activity fees. Students must consult with the dean’s office of their school for permission to register for full-time dissertation study.

MAXIMUM CREDITS PER TERM

No student is permitted to register for more than 15 graduate credits without written permission from the dean of the academic center in which the student is pursuing a degree. Graduate students who register for more than 15 credits will be billed for each additional credit that exceeds their full-time tuition rate. Exceptions include the following:

- The Katz Graduate School of Business allows its full-time MBA students to register for up to 18 credits in the Fall and Spring Terms before additional per credit tuition charges apply.
- The School of Law has no maximum number of credits in its first-professional programs for billing purposes, but permission of the associate dean is required to register for more than 15 credits per term.
- The Graduate School of Public Health allows students pursuing the Master of Health Administration or the Master of Public Health in Environmental and Occupational Health to take up to 16 credits during their first year of study.
- The School of Social Work allows its students to register for 16 credits in the Fall Term before additional per credit tuition charges apply.

Individual schools and departments may restrict the maximum program of any or all of their graduate students.

REGISTRATION STATUS AT GRADUATION

All graduate students must register for at least one credit or full-time dissertation study during the 12-month period preceding graduation (that is, must be on active status) and must be registered for the term in which they plan to graduate. Waivers may be obtained by submitting a written request to the registrar from the dean of the school. The request should be based on extenuating circumstances, e.g. inability of the student’s dissertation committee to meet during the final term when a student has given reasonable notice or the student has completed all degree requirements in a previous term.

INACTIVE STATUS

Students who have not registered for at least one credit or full-time dissertation study (eligible doctoral students) during a 12-month period are transferred to inactive status and must file an application for readmission to graduate study (application fee required) before being permitted to register again. Students on inactive status cannot apply to graduate or take preliminary or comprehensive examinations. Also, students on inactive status are not eligible to use University facilities and should not expect to receive counseling from the faculty or active supervision by their advisor and committee.

ADDING AND DROPPING COURSES

Students may add and drop course(s) only during the add/drop period. The dates for the add/drop period are listed in the University’s Schedule of Classes, in course descriptions, on calendars (including the University’s Academic Calendar at http://www.pitt.edu/~provost/calendar.html), and in numerous other publications. Students who no longer wish to remain enrolled in a course after the add/drop period has ended may withdraw from the course or resign from the University. See Monitored Withdrawal from a Course or Resigning from the University.
AUDITING COURSES

With the consent of the school and instructor, students may choose to audit a course. To audit a course, a student must register and pay tuition for the course. The N grade is not counted toward graduation or the QPA.

CROSS REGISTRATION

Carnegie Mellon University, Duquesne University, the Pittsburgh Theological Seminary, Robert Morris College, and the University of Pittsburgh offer graduate students the opportunity for cross registration in graduate programs in the five institutions in the Fall and Spring Terms. Credits earned by cross registration in graduate courses at Carnegie Mellon, Duquesne University, the Pittsburgh Theological Seminary, and Robert Morris College, when approved in advance by the student’s graduate advisor, are accepted as University of Pittsburgh credits for the purpose of the calculation of the quality point average and the completion of degree requirements. Each department at each institution retains the authority to establish the prerequisites for admission and the maximum enrollment in its own courses and to grant priority in registration to its own graduate students.

Cross registration is only available in the Fall and Spring Terms. Only full-time students may cross register. Students who cross register do not pay tuition to the host institution; however, they are responsible for any additional fees associated with the course such as laboratory fees, books, and the like. During the summer, students may attend for any additional fees associated with the course such as laboratory fees for the course. The N grade is not counted toward graduation or the QPA.

Students must process the Monitored Withdrawal Request form within the first nine weeks of the term in the fall and spring. Because summer sessions vary in length, students should check the summer Schedule of Classes for those deadlines. Students should check with the school offering the course for the last day to submit a Monitored Withdrawal Request form. The grade “W” will appear on the student’s grade report and transcript. There is no financial adjustment to students’ tuition or fee obligations involved in withdrawing from courses, but withdrawing may jeopardize satisfactory academic progress, financial aid, and assistantships or fellowships.

RESIGNING FROM THE UNIVERSITY FOR A SPECIFIC TERM

If students decide to drop all of their courses after the add/drop period has ended and before 60% of the term or session has been completed, they must resign from the University for that term. Official resignation from the University requires students to contact the Student Appeals Office. Students have several options. They may resign in person, by mail, or by calling (412) 624-7585 where students may leave a message 24 hours a day, including weekends and holidays. An R grade will appear on the student’s academic transcript. Tuition is prorated from the date of the student’s notification to the Student Appeals Office of the student’s desire to resign, unless 60% of the term has been completed, in which case there is no refund.

After the 60% point in time of the term or session has passed, students who wish to terminate their registration may process withdrawal from all classes only with the permission of their academic dean. If the reason for withdrawal is medical or psychological in nature, the academic dean may consult with the director of Student Health Service prior to making a determination. There is no financial adjustment associated with this procedure, which results in the assignment of W grades for the courses.

GRADING & RECORDS

QPA AND GPA

Quality Point Average (QPA) and Grade Point Average (GPA) are numerical indications of a student’s academic achievement. QPA is the average of letter grades earned toward a degree. GPA is the average of total letter grades earned.

ACADEMIC STANDARDS

An average of at least B (QPA=3.00) is required in the courses that make up the program for any graduate degree. A student with full graduate status is automatically placed on probation whenever his or her cumulative QPA falls below 3.00. Each school determines the restrictions placed on a student on probation. See Probation, Suspension, and Dismissal for further detail.

GRADING SYSTEM

The University of Pittsburgh has a standard letter grade system (see Letter Grades below). Some additional grading options are available in some courses as determined by the school and the instructor (see sections below on University Grading Options and Other Grades). Students are subject to the grading system of the school in which they are taking the course.
UNIVERSITY GRADING OPTIONS

Individual schools may elect to offer one of the following grade options for its courses:

- **LG** Letter Grade
- **H/S/U** Honors/Satisfactory/Unsatisfactory
- **S/N** Satisfactory/Audit
- **LG and H/S/U** Letter Grade & Honors/Satisfactory/Unsatisfactory
- **LG and S/N** Letter Grade & Satisfactory/Audit

From among the grading options approved by the school, each department identifies those it deems acceptable for its courses. Furthermore, each course instructor may specify, within the grading options approved by the school and department, which grading options may be selected by students taking his or her course.

Students should choose a grading option from those listed with the course in the *Schedule of Classes*. Grade Option/Audit Request forms for graduate courses are not required and will not be accepted by the Office of the Registrar. Schools establish their own deadlines and procedures for processing grade option and audit requests.

Students receive the grade H or S for satisfactory work and U for unsatisfactory work. The grades H and S are counted toward graduation but not the student’s GPA. The grades N and U are not counted toward graduation or the GPA. The S grade indicates adequate graduate attainment; in evaluating thesis or dissertation research, an instructor may only use the S/N grading option.

Students may audit a course and receive an N grade with the consent of the instructor and school offering the course. However, to audit a course, a student must register and pay tuition for the course. The N grade is not counted toward graduation or the GPA.

**LETTER GRADES**

The University’s letter grade system for graduate courses (not first-professional) is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td>4.00 Superior Attainment</td>
</tr>
<tr>
<td>A-</td>
<td>3.75</td>
</tr>
<tr>
<td>B+</td>
<td>3.25</td>
</tr>
<tr>
<td>B</td>
<td>3.00 Adequate graduate-level attainment</td>
</tr>
<tr>
<td>B-</td>
<td>2.75</td>
</tr>
<tr>
<td>C+</td>
<td>2.25</td>
</tr>
<tr>
<td>C</td>
<td>2.00 Minimal graduate-level attainment</td>
</tr>
<tr>
<td>C-</td>
<td>1.75</td>
</tr>
<tr>
<td>D+</td>
<td>1.25</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.75</td>
</tr>
<tr>
<td>F</td>
<td>0.00 Failure</td>
</tr>
</tbody>
</table>

Courses in the first-professional programs (DDM, JD, LLM, MD, PharmD) use a different letter grade system; students should refer to the relevant school’s text in the First-Professional Programs section of this bulletin.

**OTHER GRADES: INCOMPLETE, WITHDRAW, RESIGN**

Upon a student’s completion of a course, one of the grades listed below may appear on the student’s transcript in lieu of one of the options selected by the student and/or instructor under University Grading Options. None of these grades carries quality points. Students should consult with their individual school for information on any school-specific regulations regarding these grades.

**G GRADE**

The G grade signifies unfinished course work due to extenuating personal circumstances. Students assigned G grades are required to complete course requirements no later than one year after the term in which the course was taken. After the deadline has passed, the G grade will remain on the record, and the student will be required to re-register for the course if it is needed to fulfill requirements for graduation.

**I GRADE**

The I grade signifies incomplete course work due to nature of the course, clinical work, or incomplete research work in individual guidance courses or seminars.

**W GRADE**

The W grade signifies that a student withdrew from course. See Withdrawing from Courses for more information.

**R GRADE**

The R grade indicates that a student has resigned from the University. See Resigning from the University for more information.

**Z GRADE**

The Z grade indicates that an instructor has issued an invalid grade.

**REPEATING COURSES**

A student may repeat any course in which a grade of B- or lower is received if an authorization to repeat the course is given by the student’s advisor and/or department. A school may restrict the type and/or number of different courses that may be repeated during one degree program. The grade earned by repeating a course is used in lieu of the grade originally earned, although the original grade is not erased from the transcript. No course may be repeated more than twice. No sequence course may be repeated for credit after a more advanced course in that sequence has been passed with a B or higher grade. The repeated course must be the same as that in which the original grade was earned. In extenuating circumstances, a department chair, with the dean’s approval, may substitute another course of similar content. Grades of W, R, or N reported for the repeated course will not be counted as a course repeat. To initiate only the last course grade being computed in the GPA, a Course Repeat Form must be filed with the dean’s office.

**CHANGING GRADES**

Only the instructor of a course may change a student’s grade by submitting a Change of Grade Card. All grade changes require the authorization of the dean of the school from which the original grade was issued. While each school may determine a time limit for grade changes, they should be processed no later than one year after the initial grade was assessed. Changes in I grades are exempt from this one-year policy.
ACADEMIC RECORD

The academic record is not an official University transcript, but a document containing a student's complete University of Pittsburgh academic history. In addition to the information provided on the transcript (as listed below), the academic record provides students and advisors with admission data, academic events, and advanced standing/placement/transfer credit information. Students with no outstanding financial obligations to the University can receive one free copy of their academic records each term in G-3 Thackeray Hall. For more information, send E-mail to transcert@pdc.srfs.pitt.edu.

GRADE REPORT

At the end of each term, a grade report is prepared by the Office of the University Registrar and mailed to the student, provided that all charges have been paid. This report shows the total credits carried, the grade received in each course, and total quality points earned. Shortly after the term ends, students can also access their grades online via the secure server at http://student-info.pitt.edu/.

TRANSCRIPTS

An academic transcript serves as a permanent record of a student's academic progress. The transcript is a cumulative record of the student's QPA, as well as a record of the department, title, and grade for each course in which the student has enrolled. Students may request an official transcript that bears the seal of the University of Pittsburgh and the signature of the University Registrar at a cost of $3.00 per copy. Currently enrolled students may also receive one free unofficial copy of their transcript per term for personal use. Upon graduation, the transcript reflects a student's degree and date; major; and, if applicable, honors, area of concentration, and minor.

ACADEMIC HONORS

Schools and programs may recognize academic achievement by students through fellowships, scholarships, and other awards. Students should consult with their individual school and/or program for more information.

PROBATION, SUSPENSION, AND DISMISSAL

Students who fail to make satisfactory progress may be subject to academic probation and/or suspension and dismissal. Students who have completed at least nine quality point credits and whose QPA falls below 3.00 will be placed on academic probation by the dean of their school. After a certain period of time on academic probation (the period is determined by the student's school), a student is subject to academic suspension and restricted from registering for classes in that school. Details of the school's probation system are available through that school.

EFFECT ON FINANCIAL AID AND SCHOLARSHIPS

Conditions for loan eligibility and many scholarships (including those for teaching assistants, teaching fellows, graduate student assistants, and graduate student researchers) usually require students to complete a specified number of credits each year and maintain a specified quality point average (QPA: credits counting toward the degree). Questions about the effect of unsatisfactory academic standing on scholarships, including teaching and research assistantships, should be directed to the particular graduate school.

EDITORIAL ASSISTANCE AND PUBLICATION OF THESESES/DISSERTATIONS

All graduate students must follow University regulations regarding editorial assistance and publishing of theses and dissertations as detailed below.

A student preparing a dissertation or other written work as part of academic requirements may, when appropriate, use the assistance of professional editors, provided that the following rules are observed:

1. The student receives the approval of the research advisor or professor of the course in which written work is being submitted.

2. The student receives assistance only in use of language and not in the subject matter of the written work.

3. The student acknowledges and describes all editorial assistance in the report.

PUBLICATION OF THESESES AND DISSERTATIONS

Any thesis or dissertation may be published, either by the University or through an outside agency, provided due credit is given the University. No form of publication, however, will relieve the student of his or her responsibility to supply the proper abstract and the specified number of complete copies of the thesis or dissertation for binding and deposit in the University Library System.

The doctoral candidate is required to execute an agreement with University Microfilms, Inc. for the publication of the dissertation on microfilm (see Regulations Pertaining to Doctoral Degrees, page 23).

Advisors should exercise responsibility in approving research topics that will not endanger long-term research projects or the safety or welfare of informants. Dependent upon the circumstances and the research point at which the danger is recognized, the provost's office may authorize a delay in publication of a dissertation for up to a maximum of one calendar year. Similarly, a publication may be withheld for a maximum of six months, if required, for filing a patent application.

REGULATIONS PERTAINING TO MASTER OF ARTS AND MASTER OF SCIENCE DEGREES

The Master of Arts (MA) and Master of Science (MS) degree programs provide an introduction to scholarly activities and research and often serve as preparation for teaching careers. These degrees are awarded for the completion of a coherent program designed to assure the mastery of specified knowledge and skills, rather than a random accumulation of a certain number of courses. The overall form and content of the student's program of study is the responsibility of the faculty of the department. To carry out this responsibility, each student must be assigned a major advisor, who, in consultation with the student, plans a program of study and research in accord with school and departmental guidelines.
MA AND MS REQUIREMENTS

The Master of Arts and Master of Science degrees normally require the satisfactory completion of approximately 30 credits of graduate study approved by the department or school. No Master of Arts or Master of Science degree program may require fewer than 24 course credits. Not more than six credits may be granted toward the completion of the requirements for a master’s degree for work completed at another accredited graduate institution or for work previously completed at the University of Pittsburgh. See Acceptance of Transfer Credits on page 17 for further information.

At least four courses (12 credits) or one-half the master’s degree program, whichever is greater, must be at the graduate-level (the 2000 or 3000 series) and must be completed with an average grade of B (3.00). No course numbered below 1000 may be applied toward graduate degree requirements.

Some master’s programs may include approved areas of concentration or minors. Areas of concentration define and describe the student’s training and expertise within the broader discipline. Minors represent significant coursework completed in an area related to the student’s specialty. Such areas of concentration or minors are added to the transcript upon the granting of the degree.

Master’s degrees are conferred only on those students who have completed all courses required for the degree with an average grade of B (i.e., a 3.00 QPA).

The requirement of proficiency in foreign languages is at the discretion of individual departments or schools.

Departments provide students with a copy of school and departmental regulations appropriate for their program. Students are expected to become familiar with these and to satisfy all prescribed degree requirements.

COMPREHENSIVE EXAMINATION

MA or MS degrees are conferred only upon those students who, in one or more comprehensive examinations or the equivalent, show that they have mastered the general field of their graduate study. Each department or similar unit is responsible for specifying the content and procedure for administration of the comprehensive examination and will specify for each candidate the field of his or her examination, which may vary from student to student. When a program substitutes an equivalent requirement for the comprehensive examination, the department should notify the University Council on Graduate Study and describe the substitution.

Students on inactive, special, or provisional status or on probation are not eligible to take a comprehensive examination. These examinations must be taken at least one month prior to the last day of the term in which the degree is to be granted. The results must be reported promptly to the office of the dean but no later than the last day of the term in which the examination is administered. A student who is unable to complete all degree requirements within a two-year period after passing the comprehensive examination may be re-examined at the discretion of the department or school.

THESIS OPTION

The requirement of a thesis or its equivalent is at the discretion of individual departments or schools. If a thesis is submitted, its form must be in accord with specifications stipulated in the University Style and Form Manual. Each candidate must provide a suitable number of copies of the thesis for review and use as designated by the thesis examining committee, consisting of at least three members of the faculty recommended by the major advisor and approved by the department chair. The final oral examination in defense of the master's thesis is conducted by the thesis committee, and a report of this examination signed by all members of the committee must be filed in the office of the dean. After the examination, at least one copy of the approved thesis must be deposited with the dean, who forwards it to the appropriate offices for microfilming and deposit in the University Library System. A receipt for the thesis binding/microfilming fees must be submitted with the thesis.

NON-THESIS OPTION

It is usual for a program to require additional course work if a thesis is not required.

For the Master of Arts degree, students must acceptably describe, in writing, one or more substantial intellectual experiences or accomplishments. In programs in which a master’s thesis is optional, the student must satisfy this requirement by submitting a paper (or papers), as designated by the major department, and must demonstrate competence in using methods of scholarship.

For the Master of Science degree, a paper or research project is usually required.

REGULATIONS PERTAINING TO PROFESSIONAL MASTER’S DEGREES

The professional master’s degree programs are generally similar to those for the MA and MS except that they emphasize instruction in professional affairs and practice and serve as preparation for careers in the professions. The program of study is a coherent program designed to assure the mastery of specified knowledge and skills, rather than a random accumulation of a certain number of courses. The overall form and content of the student’s program of study is the responsibility of the student’s department or school. To carry out this responsibility, each student must be assigned a major advisor, who, in consultation with the student, plans a program of study and research in accord with school and departmental guidelines.

PROFESSIONAL MASTER’S DEGREE REQUIREMENTS

Professional master's degrees are conferred upon those students who demonstrate comprehensive mastery of their general field of study. The professional master’s degrees normally require the satisfactory completion of more than 30 credits of graduate study approved by the department. No professional master’s degree program may require fewer than 30 credits. No more than one-third of the total number of required credits may be granted to a student as transfer credit for work done at another accredited graduate institution. (See Acceptance of Transfer Credits, page 17, for further detail.) At least one-half of the credits earned in a master’s degree program must be at the graduate
level (the 2000 or 3000 series). No courses numbered below 1000 may be applied toward graduate degree requirements. Master’s degrees are conferred only on those students who have completed all course requirements with at least a 3.00 QPA.

Most professional master’s degree programs provide opportunities for theoretical studies and practical applications. Students are expected to acquire professional skills through course work, projects, internships, practica, and/or research papers as part of demonstrating their comprehensive mastery of their field of study.

Requirements vary from school to school. Departments provide students with a copy of school and departmental regulations appropriate for their programs. Students are expected to become familiar with these and to satisfy all prescribed degree requirements.

Professional master’s degrees are conferred upon those students who demonstrate comprehensive mastery of the general field of study. This includes: (a) satisfactory completion of all course requirements and (b) other performances that indicate comprehensive mastery such as examinations, internships, research projects, theses, and practica. These requirements vary from school to school; students should refer to the specific requirements of their program in the Schools, Departments, and Programs section of this bulletin.

REGULATIONS PERTAINING TO DOCTORAL DEGREES

While the regulations governing doctoral study in this section represent university-wide policy, students should check the Schools, Departments, and Programs section of this bulletin and with their advisor for any expansions of or exceptions to these rules.

ADMISSION TO DOCTORAL STUDY

In some departments, the requirements for admission to graduate study and for admission to doctoral study are identical, while other departments require the completion of a master’s degree or its equivalent as a prerequisite for admission to doctoral study. Admission to doctoral study does not include any implication concerning admission to candidacy for the Doctor of Philosophy degree.

Normally, only one major department of graduate study is permitted for the PhD degree. However, a few formal interdisciplinary programs and, under some circumstances, some independently designed interdisciplinary doctoral programs are available (see Interdisciplinary Doctoral Programs, page 26).

PROGRAMS OF STUDY

PhD programs offered at the University of Pittsburgh provide a coherent series of courses, seminars, and discussions designed to develop in the student a mature understanding of the content, methods, theories, and values of a field of knowledge and its relation to other fields. Each program trains the student in the methods of independent research appropriate to the discipline and provides an advisor and a committee to guide the student in an extended investigation of an original and independent research project of significance in the field.

The overall form and content of each student’s program is the responsibility of the Graduate Faculty of the department. To carry out this responsibility, the departments must ensure that each student has a major advisor who, in consultation with the student, plans a program of study and research in accord with school and departmental guidelines. The advisor may prescribe additional courses both within and outside the department that are essential and/or appropriate to the student’s program.

Some doctoral programs may include approved areas of concentration used to define and describe the student’s training and expertise within the broader discipline. Such an area of concentration is added to the transcript upon the granting of the degree.

Doctoral level courses are numbered in the 3000 series, but courses numbered in the 2000 series may also be appropriate for doctoral study. Normally, courses numbered below 2000 do not meet the minimum requirements for doctoral study, although they may be taken to supplement a doctoral program.

Students must maintain a minimum cumulative QPA of 3.00 in courses to be eligible to take the preliminary and comprehensive examinations as well as to graduate.

The requirement of proficiency in the use of foreign languages or other tools of research is at the discretion of individual departments or schools.

Departments provide students with a copy of school and departmental regulations appropriate for their program and, in turn, students are expected to become familiar with these and to satisfy all prescribed degree requirements.

CREDIT REQUIREMENTS

The minimum credit requirement for the PhD degree is met by six terms of registration as a graduate student for 12 or more credits per term or the equivalent number of credits taken in a reduced load over a longer period of time. If the school requires completion of its master’s degree program prior to admission into its doctoral program, at least four terms of registration for 12 or more credits per term or the equivalent number of credits in a reduced load are required as a minimum for the PhD degree. No more than 30 credits may be accepted for a master’s degree awarded by another institution to meet the minimum credit requirement; some schools have more stringent requirements, including the Faculty of Arts and Sciences and the Graduate School of Public Health, both of which will accept only 24 credits for a master’s degree awarded by another institution.

In recognition of graduate study beyond the master’s degree successfully completed elsewhere, no more than 12 additional credits may be accepted at the time of admission to meet the minimum credit requirement. (See also Acceptance of Transfer Credits, page 17.) No more than 30 credits may be accepted for a previously earned PhD degree in recognition of master’s degree work, though some schools have more stringent requirements, including the following:

- The Faculty of Arts and Sciences accepts only 24 credits from a previously earned PhD in recognition of master’s degree work.
- The Graduate School of Public Health accepts only six credits from a previously earned PhD degree in recognition of its students’ work towards its Master of Science programs. Also, its students working towards the Master of Public Health may use credits from a previously earned PhD to satisfy no more than one-third of the required credits for the MPH.
Graduate students already enrolled may, when approved in advance by their department and the dean, spend a term or more at another graduate institution to obtain training or experience not available at the University of Pittsburgh and transfer those credits toward the requirements for an advanced degree at the University of Pittsburgh. In all cases, at least three terms, or 36 credits, of full-time doctoral study or the equivalent in part-time study must be successfully completed at the University of Pittsburgh.

RESIDENCY REQUIREMENT

Students seeking the PhD degree are required to engage in a minimum of one term of full-time doctoral study, which excludes any other employment except as approved by their departments.

PRELIMINARY EVALUATION

The preliminary evaluation should be designed to assess the breadth of the student’s knowledge of the discipline, the student’s achievement during the first year of graduate study, and the potential to apply research methods independently. The form and nature of the evaluation should be approved at the school level. It should be conducted at approximately the end of the first year of full-time graduate study. The evaluation is used to identify those students who may be expected to complete a doctoral program successfully and also to reveal areas of weakness in the student’s preparation. Evaluation results must be reported promptly to the dean’s office, but no later than the last day of the term in which the evaluation occurs. A student on provisional, inactive, or special status or on probation is not eligible to take the preliminary evaluation.

COMPREHENSIVE EXAMINATION

The comprehensive examination should be designed to assess the student’s mastery of the general field of doctoral study, the student’s acquisition of both depth and breadth in the area of specialization within the general field, and the ability to use the research methods of the discipline. In some programs, the comprehensive examination is combined with the overview or prospectus meeting. It should be administered at approximately the time of the completion of the formal course requirements and should be passed at least eight months before the scheduling of the final oral examination and dissertation defense. In no case may the comprehensive examination be taken in the same term in which the student is to graduate. Examination results must be reported promptly to the dean’s office but no later than the last day of the term in which the examination is administered. A student who is unable to complete all degree requirements within a five-year period after passing the comprehensive examination may be re-examined at the discretion of the department or school. A student on provisional, inactive, or special status or on probation is not eligible to take the comprehensive examination.

DOCTORAL COMMITTEE

Before the student is admitted to candidacy for the PhD degree, the student’s major advisor proposes, for the approval of the department chair or director of the school’s doctoral program and the dean, a committee of four or more persons, including at least one from another department in the University of Pittsburgh or from an appropriate graduate program at another academic institution, to serve as the doctoral committee. The majority of the committee, including the major advisor, must be full or adjunct members of the Graduate Faculty (see http://www.pitt.edu/~graduate for most recent Graduate Faculty roster). This committee must review and approve the proposed research project before the student may be admitted to candidacy.

This doctoral committee has the responsibility to advise the student during the progress of the candidate’s research and has the authority to require high quality research and/or the rewriting of any portion or all of the dissertation. It conducts the final oral examination and determines whether the dissertation meets accepted standards.

Meetings of the doctoral candidate and his/her dissertation committee must occur at least annually from the time the student gains admission to doctoral candidacy. During these meetings, the committee should assess the student’s progress toward the degree and discuss objectives for the following year and a timetable for completing degree requirements. It is the responsibility of the dean of each school to determine a mechanism for monitoring the occurrence of these annual reviews.

The membership of the doctoral committee may be changed whenever it is appropriate or necessary, subject to the approval of the department chair and the dean.

When a doctoral committee member leaves the University, he or she must be replaced unless the dissertation is almost complete or the member has an essential role on the committee. In the latter case, the dean’s approval should be obtained. When the chair of a committee leaves and cannot be conveniently replaced, a co-chair must be appointed from within the department, and the restructured committee requires the approval of the dean and either the department chair or the director of the school’s doctoral program. If the defense takes place within a few months of the chair’s departure, the requirement of the co-chair is usually waived.

A retired faculty member may remain as a member or chair of a committee if he or she is spending considerable time in Pittsburgh or in the vicinity and is still professionally active. Retired faculty who meet these criteria may also be appointed as a member or as a co-chair (but not chair) of a newly formed committee. Retired faculty who leave the Pittsburgh area and/or do not remain professionally active should be replaced on committees and the revised committee approved by the dean and either the department chair or the school’s director of doctoral programs.

OVERVIEW OR PROSPECTUS MEETING

Each student must prepare a dissertation proposal for presentation to the doctoral committee at a formal dissertation overview or prospectus meeting. The overview requires the student to carefully formulate a plan and permit the doctoral committee members to provide guidance in shaping the conceptualization and methodology of that plan. The doctoral committee must unanimously approve the dissertation topic and research plan before the student may be admitted to candidacy for the doctoral degree. Approval of the proposal does not imply either the acceptance of a dissertation prepared in accord with the proposal or the restriction of the dissertation to this original proposal. If the research proposed in the overview or prospectus involves human subjects, that proposed research must be approved by the University Institutional Review Board (IRB) before it may be carried out. For details, see Human Research Subjects: Institutional Review Board under Rights and Responsibilities on page 28, and a description of the Institutional Review Board on page 28.
ADMISSION TO CANDIDACY FOR THE DOCTOR OF PHILOSOPHY DEGREE

Admission to candidacy for the Doctor of Philosophy degree constitutes a promotion of the student to the most advanced stage of graduate study and provides formal approval to devote essentially exclusive attention to the research and the writing of the dissertation. To qualify for admission to candidacy, students must fulfill the following requirements:

- Be in full graduate status
- Have satisfied the requirement of the preliminary evaluation
- Have completed formal course work with a minimum quality point average of 3.00
- Have passed the comprehensive examination
- Have received approval of the proposed subject and plan of the dissertation from the doctoral committee following an overview or prospectus meeting of the committee

In some schools, admission to candidacy is a prerequisite to registration for dissertation credits. Students are informed of admission to candidacy by written notification from the dean, who also states the approved doctoral committee’s composition.

REGISTERING FOR FULL-TIME DISSERTATION STUDY

Doctoral students who have completed all credit requirements for the degree, including any minimum dissertation credit requirements, and are working full-time on their dissertations may register for Full-Time Dissertation Study, which carries no credits or letter grade but provides students full-time status. Students so enrolled are assessed a special tuition fee but are still responsible for the full-time computer and network, security/transportation, student health, and activity fees. Students must consult with the dean’s office of their school for permission to register for full-time dissertation study.

DISSERTATION AND ABSTRACT

Each student must write a dissertation that presents the results of his or her research project. An appropriate research project involves a substantive piece of original and independent research grounded in an identifiable field as it is currently practiced, present a hypothesis tested by data and analysis, and provide a significant contribution or advancements in that field. It is the responsibility of the student’s doctoral committee to evaluate the dissertation in these terms and to recommend the awarding of the doctoral degree only if the dissertation is judged to demonstrate these qualities.

A dissertation should demonstrate the following characteristics:

- The establishment of a historical context for the presentation of an innovative and creative approach to the problem analysis and solution
- A clear understanding of the problem area as revealed by analysis and synthesis of a broad literature base
- A well-defined research design
- Clarity in composition and careful documentation
- Results of sufficient merit to be published in refereed journals or to form the basis of a book or monograph
- Sufficient detail so that other scholars can build on it in subsequent work
- The preparation of the author to assume a position within the profession

If the dissertation is the result of a collaborative research effort, the project should be structured in such a way that the student’s dissertation results from one clearly identified piece of work in which the student has unquestionably supplied the major effort. The contributions of the student and the other collaborators must be clearly identified.

Published articles authored by the student and based on research conducted for the dissertation study may be included in the dissertation if the student’s department and school have a written policy that this is acceptable. In any case, the published work must be logically connected and integrated into the dissertation in a coherent manner, and sufficient detail must be presented to satisfy the characteristics of a dissertation. The student should be the sole or primary author of the published work. If the published articles were co-authored, the contribution of the student must be clearly delineated in the introduction so the committee can ascertain that the student’s own work satisfies the requirements of a dissertation. The Style and Form Manual gives instructions on incorporating articles into the dissertation.

Candidates for the doctorate must provide a suitable number of copies of the dissertation, as determined by the doctoral committee and school policy, for review and use during the final oral examination. The general format of the dissertation and the abstract is determined by the Office of the Provost and is set forth in the University’s Style and Form Manual. Specific instructions should be available in the office of the dean of the school. After the final oral examination is successfully completed, the candidate must deposit with the dean at least one copy of the approved, completed dissertation and abstract in final form, at least two additional copies of the dissertation abstract, and a receipt for payment of the dissertation binding/microfilm fees. The candidate is also required to execute an agreement with University Microfilms Inc. for the publication of the dissertation on microfilm and for the publication of the abstract of the dissertation in Dissertation Abstracts.

LANGUAGE OF THE DOCTORAL DISSERTATION

The language in which doctoral dissertations are written shall normally be English. Exceptions may be granted by the student’s dean with the approval of the dissertation advisor and committee, but only for sound reasons of scholarship. Permission shall never be granted on the grounds of the student’s inadequate command of English.

FINAL ORAL EXAMINATION

The final oral examination in defense of the doctoral dissertation is conducted by the doctoral committee and need not be confined to materials in and related to the dissertation. Any member of the Graduate Faculty of the University may attend and participate in the examination. The date, place, and time of the examination should be published well in advance in the University Times. Other qualified individuals may
be invited by the committee to participate in the examination. Only members of the doctoral committee may be present during the final deliberations and vote on the passing of the candidate. A report of this examination, signed by all the members of the doctoral committee, must be sent to the dean. If the decision of the committee is not unanimous, the case is referred to the dean for resolution. The chair of the doctoral committee should ensure that the dissertation is in final form before requesting signatures of the members of the committee.

INTERDISCIPLINARY DOCTORAL PROGRAMS

A student may be admitted into one of two types of interdisciplinary doctoral programs, generic and individualized.

GENERIC PROGRAMS

Generic programs are ongoing, formally structured, and approved doctoral programs. Admission to these programs follows the same procedures as those of departmental programs.

INDIVIDUALIZED PROGRAMS

Individualized programs are specially designed to permit an exceptionally able student who has earned a master’s degree or the equivalent to pursue an interdisciplinary doctoral program structured to satisfy his or her unique goals. Such students should apply to the dean of the school if the departments involved in the proposed program are organized within one school or to the provost if the departments are organized within more than one school. The student must satisfy the admission requirements of each of the departments or schools involved in the proposed program.

If the request is approved, the dean or the provost, in consultation with the departments concerned, will designate five members from these departments to serve as an advisory committee. After these advisors meet with the student, a chief advisor is selected to assume responsibility for general guidance to the student. These advisors continue their responsibility until the student is admitted to candidacy for the PhD degree and may, if it is appropriate, continue as the doctoral committee for this student.

OTHER DOCTORAL DEGREES

The University of Pittsburgh, through its professional schools, offers the following doctoral degrees in professional fields of study: Doctor of Education and Doctor of Public Health.

These doctoral degree programs are similar to those for the PhD in the degree of rigor required; the minimum total credit requirements and permissible transfer credits; the requirements for the successful completion of a preliminary evaluation and a comprehensive examination; the admission to doctoral candidacy; the nomination of a doctoral committee; the preparation of the dissertation and abstract; the publication of the dissertation; and the successful completion of the final oral examination. Professional doctoral dissertations are usually based on an in-depth empirical research project by the student and are intended to permit the student to apply relevant theory and knowledge as well as to demonstrate skills in analysis of a major problem and to contribute to the improvement of practice in the student's area of specialization.

Such doctoral degree programs may differ from those for the PhD in several ways. They are generally more strongly focused on professional affairs and practice and often serve as preparation for or advancement of careers in the professions.

STATUTE OF LIMITATIONS/LEAVES OF ABSENCE

The purpose of the statute of limitations is to ensure that a graduate degree from the University of Pittsburgh represents mastery of current knowledge in the field of study. Individual schools within the University may adopt policies that are more stringent, but not less, than those stated here.

All requirements for MA and MS degrees must be completed within a period of four consecutive calendar years from the student’s initial registration for graduate study; all professional master’s degrees, within five years. Dual degrees and joint degrees that require course work in excess of 50 credit hours may be granted a longer statute of limitations by the University Council on Graduate Study.

From the student’s initial registration for graduate study, all requirements for the PhD degree must be completed within a period of ten years, or within eight years if the student has received credit for a master’s degree appropriate to the field of study. A student who is unable to complete all degree requirements within a five-year period after passing the comprehensive examination may be re-examined at the discretion of the department or school. Programs for professional doctoral degrees, for which the majority of candidates pursue part-time study while working full-time within their chosen disciplines, may be granted a longer statute of limitations by the schools offering the degrees.

Under exceptional circumstances, a candidate for an advanced degree may apply for an extension of the statute of limitations. The request must be approved by the department or departmental committee (master’s or doctoral) and submitted to the dean for final action. Requests for an extension of the statute of limitations must be accompanied by a departmental assessment of the work required of the student to complete the degree as well as documented evidence of the extenuating circumstances leading to the requested extension. Students who request an extension of the statute of limitations must demonstrate proper preparation for the completion of all current degree requirements.

Under special conditions, graduate students may be granted one leave of absence. A maximum leave of two years may be granted to doctoral students or one year to master’s students. The length and rationale for the leave of absence must be stated in advance, recommended to the dean by the department, and approved by the dean. If approved, the time of the leave shall not count against the total time allowed for the degree being sought by the student. Readmission following an approved leave of absence is a formality.
APPLICATION TO GRADUATE

Students must file an application for graduation in the dean’s office of their school early in the term in which graduation is expected. Each school establishes its own deadline by which students must apply for graduation. Students should check with their dean’s office for the deadline. As noted above, students must be active and registered in the term in which they are to graduate; in exceptional circumstances, students who complete all the degree requirements at the end of a term but graduate in the next term may petition the dean of the school for a waiver of this registration requirement. The requirement that a student be on active status cannot be waived.

Prior to the end of the term in which they graduate, all doctoral candidates must submit to the dean’s office a completed Survey of Earned Doctorates.

CERTIFICATION FOR GRADUATION

The Graduate Faculty of the department or program evaluates the performance of the student. If that performance is satisfactory, a report should be submitted to the dean certifying that the candidate has satisfactorily completed all departmental requirements for a graduate degree. The dean, after confirming that the overall school and University requirements have been met, certifies the candidate for graduation.

COMMENCEMENT

Candidates for graduation are encouraged to appear in person at the Annual Commencement Convocation, usually held the Sunday after the Spring Term ends. Although the degree is officially conferred at commencement, diplomas are mailed to graduates several weeks later.

RIGHTS AND RESPONSIBILITIES

The University has a number of official policies affecting students. For complete and current text on all University policies, please see http://www.pitt.edu/HOME/PP/pp_handbooks.html.

The information below summarizes several key University-wide policies affecting graduate students, but students are also responsible for being cognizant of those University, school, and departmental regulations relevant to their programs of study.

ACADEMIC INTEGRITY POLICY

Students have the right to be treated by faculty in a fair and conscientious manner in accordance with the ethical standards generally recognized within the academic community (as well as those recognized within the profession). Students have the responsibility to be honest and to conduct themselves in an ethical manner while pursuing academic studies. Should a student be accused of a breach of academic integrity or have questions regarding faculty responsibilities, procedural safeguards including provisions of due process have been designed to protect student rights. These general procedures may be found in Guidelines on Academic Integrity: Student and Faculty Obligations and Hearing Procedures at http://www.pitt.edu/~graduate/ail.html. Individual schools have their own academic integrity policies, and students are encouraged to review these school-specific guidelines, as well.

AFFIRMATIVE ACTION AND NON-DISCRIMINATION POLICY

The University of Pittsburgh, as an educational institution and as an employer, values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, the University prohibits and will not engage in discrimination or harassment on the basis of race, color, religion, national origin, ancestry, sex, age, marital status, familial status, sexual orientation, disability, or status as a disabled veteran or a veteran of the Vietnam era. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University’s mission. This policy applies to admissions, employment, and access to and treatment in University programs and activities.

AIDS POLICY

The University of Pittsburgh does not discriminate against individuals who are diagnosed as HIV positive or as having AIDS. The University recognizes that the health condition of individuals is personal and confidential. Reasonable precautions will be taken to protect information regarding the health condition of all members of the University community. Based on medical evidence that indicates that there is no risk of transmitting HIV through casual contact in the classroom or circumstances involving only casual contact with others, the University will impose no undue restrictions on faculty, staff, or students who are infected with HIV.

For complete text on this policy, see http://www.pitt.edu/HOME/PP/policies/06/06-01-01.html.

COMPUTING USE POLICY

Every member of the University community has two basic rights regarding computing: privacy and a fair share of resources. It is unethical for another person to violate these rights. All users, in turn, are expected to exercise common sense and decency with regard to the campus computing resources. Please read Ethical Guidelines for Computing, available in campus computing labs or online at http://www.pitt.edu/~document/ethics/ethics.html, for details.

Students are subject to the rules and regulations as described in the University of Pittsburgh Student Code of Conduct (see below). Students should realize that any misuse of computing resources may result in the suspension of their computing privileges.

COPYRIGHT POLICY

The University of Pittsburgh affirms that, except as specifically exempted by this policy, faculty, staff, and students are entitled to claim copyright ownership, including world-wide rights, in the following works authored by them: books, articles, educational coursework, similar works that are intended to disseminate the results of academic research or scholarly study, popular fiction or nonfiction works, poems, musical compositions, and other works of artistic imagination.

The University has no proprietary interest in copyrightable materials produced by faculty, staff, or students under contract with entities external to the University (in which the faculty, staff, or students have no controlling or majority interest), except as specifically exempted by this policy. For complete text of the policies, including the aforementioned exemptions, see http://www.pitt.edu/HOME/PP/policies/11/11-02-02.html.
DRUG-FREE SCHOOL AND WORKPLACE POLICY

The University of Pittsburgh prohibits the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance on University property or as part of any University activity. Faculty, staff, and students of the University must also comply with the laws of the Commonwealth of Pennsylvania on the possession and consumption of alcohol.

Violation of this policy will result in disciplinary action within 30 days, including, but not limited to, a warning, written reprimand, suspension, dismissal, expulsion, and/or mandatory participation and successful completion of a drug abuse assistance or rehabilitation program approved by an appropriate health or law enforcement agency.

Any University employee paid from federally funded grants or contracts, or any students participating in any federally funded or Guaranteed Student Loan program, must notify the University of any criminal drug statute conviction for a violation occurring at the University or while engaged in University activities.

For complete text on this policy, see http://www.pitt.edu/PP/policies/06/06-02-01.html.

FACULTY-STUDENT RELATIONSHIPS

The University’s educational mission is promoted by professional relationships between faculty members and students. Relationships of an intimate nature (that is, sexual and/or romantic) compromise the integrity of a faculty-student relationship whenever the faculty member has a professional responsibility for the student. The University prohibits relationships between a faculty member and a student whose academic work, teaching, or research is being supervised or evaluated by the faculty member.

If an intimate relationship should exist or develop between a faculty member and a student, the University requires the faculty member to remove himself/herself from all supervisory, evaluative, and/or formal advisory roles with respect to the student.

Definition Note: In this policy, the definition of “faculty member” refers to anyone appointed by the University as a teacher, researcher, or academic administrator, including graduate and undergraduate students so appointed. For complete text on this policy, see http://www.pitt.edu/DOC/94/271/42590/policies/02/02-04-03.html.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

In compliance with the Family Educational Rights and Privacy Act of 1974, commonly referred to as the Buckley Amendment, the University guarantees that students have the right to inspect all personally identifiable records maintained by the institution and may challenge the content and accuracy of those records through appropriate institutional procedures. It is further guaranteed by the University that student records containing personally identifiable information will not be released except as permitted by the Family Educational Rights and Privacy Act. See http://www.pitt.edu/~srfsweb/buckleyst.htm for more information on FERPA.

GRADUATE STUDENT RESEARCHER POLICY STATEMENT

Graduate Student Researchers (GSRs) at the University of Pittsburgh are graduate students who are receiving financial support from research funds in return for duties performed to meet the goals for which the funds were awarded. The research performed is also normally an integral part of the student’s research practicum experience, thesis, or dissertation. A primary goal of the appointment, from the point of view of both the University and the student, is to provide financial support to the graduate student. For the complete text of the GSR Policy Statement, refer to http://www.pitt.edu/~graduate/gsr.html.

HARASSMENT POLICIES

HARASSMENT

No University employee, student, or individual on University property may intentionally harass or abuse a person (physically or verbally) with the purpose or effect of unreasonably interfering with such person's work or academic performance, or of creating an intimidating, hostile, or offensive work or academic environment.

SEXUAL HARASSMENT

The University of Pittsburgh is committed to the maintenance of a community free from all forms of sexual harassment. Sexual harassment violates University policy as well as state, federal, and local laws. It is neither permitted nor condoned.

It is also a violation of the University of Pittsburgh’s policy against sexual harassment for any employee or student at the University of Pittsburgh to attempt in any way to retaliate against a person who makes a claim of sexual harassment.

Any individual who, after thorough investigation and an informal or formal hearing, is found to have violated the University’s policy against sexual harassment, will be subject to disciplinary action, including, but not limited to, reprimand, suspension, termination, or expulsion. Any disciplinary action taken will depend upon the severity of the offense. For more information, see http://www.pitt.edu/~provost/har.html.

HUMAN RESEARCH SUBJECTS: INSTITUTIONAL REVIEW BOARD

The University of Pittsburgh is guided by the ethical principles regarding all research involving humans as subjects, as set forth in the report of the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research (entitled: Ethical Principles and Guidelines for the Protection of Human Subjects for Research [the “Belmont Report”]).

Most research at the University involving humans as subjects must be reviewed and approved by an Institutional Review Board (IRB) before the research will be allowed to proceed. For complete text of the IRB’s policies and practices, see http://www.irb.pitt.edu/ or contact the IRB at (412) 692-4370.

PATENT POLICY

A University student, during his/her period of enrollment, may be responsible for new discoveries and inventions that could have commercial value and contribute to scientific, technological, social, and cultural progress. Those accomplishments should be patented in the best interest of the student, the University, the public, and the government. The University’s policy on patents determines the rights and obligations of the student and the University in any technology the student may invent while enrolled in the University. Details of this University policy are available from the Office of Technology Transfer and Intellectual Property at 200 Gardner Steel Conference Center and at http://www.pitt.edu/HOME/PP/policies/11/11-02-01.html.
RESEARCH INTEGRITY

The University of Pittsburgh seeks excellence in the discovery and dissemination of knowledge. Excellence in scholarship requires all members of the University community to adhere strictly to the highest standards of integrity with regard to research, instruction, and evaluation. Research misconduct carries potential for serious harm to the University community, to the integrity of science, and to society as a whole. The University’s Research Integrity Policy is available online at http://www.pitt.edu/DOC/94/271/42590/policies/11/11-01-01.html.

SMOKING POLICY

Smoking is prohibited in all University-owned and leased facilities, including residence halls and off-campus housing facilities, and in all University vehicles, including motor pool vehicles, campus buses, and vans, with explicit limited exceptions described in University Policy 04-05-03.

STUDENT CODE OF CONDUCT

The Student Code of Conduct is an outline of the non-academic rights and responsibilities of University students. The code defines offenses against students. A student or University official may file a complaint of violation of the Student Code of Conduct at the University Student Judicial System Office. For a copy of the code, please contact the Judicial System Office in 738 William Pitt Union at (412) 648-7918 or see http://www.pitt.edu/~osaweb/usjs/code.html.

JUDICIAL SYSTEM

The Office of the University Student Judicial System coordinates the Campus Judicial Board. It also receives, previews, and acts upon complaints of violations of the Student Code of Conduct. Its purpose is to provide due process and fair treatment in disciplinary actions. All complaints should be filed here.

Judicial Affairs also conducts a Student Mediation Program, monitors FERPA (Family Educational Rights and Privacy Act) guidelines on student records, and screens requests for contact of students.

TEACHING ASSISTANT/TEACHING FELLOW/GRADUATE STUDENT ASSISTANT POLICY STATEMENT

Teaching Assistants (TAs), Teaching Fellows (TFs), and Graduate Student Assistants (GSAs) at the University are graduate students who are receiving support in return for specified duties while gaining teaching and teaching-related experience under the guidance of faculty mentors. Their primary objective, from the standpoint of the University and the individual, is to make steady progress toward an advanced degree. TA/TF/GSA appointment status is dependent upon graduate student status. The complete policy statement for TA/TF/GSAs is available at http://www.pitt.edu/~graduate/tapolicy.html.
Special academic opportunities such as certificate programs provide students with ways to augment their education and experience with expanded study programs both on and off campus, in both university and professional settings.

**Area of Concentration and Minors**

Some graduate programs may include approved areas of concentration or minors. Areas of concentration define and describe the student’s training and expertise within the broader discipline. Minors represent significant course work completed in an area related to the student’s specialty. An area of concentration that is specified for a particular degree program can only be posted to the academic record and the official transcript of those students completing the degree program. A graduate minor offered by the faculty at the Pittsburgh campus is available to any graduate student enrolled in an academic degree program on the campus provided that the school from which the student is graduating recognizes this minor. For each degree, only one minor and one area of concentration can be pursued. Areas of concentration or minors are added to the transcript upon the granting of the degree. See the Schools, Departments, and Programs section of this bulletin for available areas of concentration and minors.

**Certificate Programs**

Students may enrich their educational experience by electing to take an academic interdisciplinary certificate program in the areas listed at the start of the Schools, Departments, and Programs section of this bulletin (see page 31).

A certificate program at the graduate level is a coherent set of courses and related work in a particular area; the minimum credit requirement is 15 credits, of which 12 credits must be earned at the University of Pittsburgh. The certificate may appear on the transcript as a degree goal and will appear on the final transcript as an awarded certificate.

A student must be formally admitted into a certificate program. The requirements for each certificate vary and students should contact the certificate program director.

**Cross Registration**

Carnegie Mellon University, Duquesne University, the Pittsburgh Theological Seminary, Robert Morris College, and the University of Pittsburgh offer graduate students the opportunity for cross registration in graduate programs in the five institutions in the Fall and Spring Terms. See Cross Registration in the Registration section of this bulletin for further details.

**Two Independent Degree Programs Simultaneously**

Students may pursue two independent graduate degrees simultaneously in two different schools within the University or two different departments within the same school. Students desiring to enroll in two degree programs must have approval from both program faculties and their respective deans, must be admitted into both programs, and must satisfy the degree requirements of both programs. Students are billed at the tuition rate of the primary academic program. Normally, such students should be enrolled for no more than a total of 15 credits per term.

The same examination, thesis, or dissertation cannot be used to fulfill requirements for two independent degrees, although a maximum of six credits of course work may be used in partial fulfillment of the requirements of both degrees. It is the responsibility of the dean or deans, if two schools are involved, to ensure that this regulation is enforced.

**Cooperative-, Dual-, and Joint-Degree Programs**

Dual- and joint-degree programs result in two degrees being awarded. Requirements for these programs include all or most of the requirements of two distinct academic degree programs. These programs may result in a student earning two separate master’s degrees, a master’s and a first-professional degree, or a master’s or first-professional degree and a doctoral degree, but never result in a student earning two separate doctoral degrees. Dual programs exist within a single school; joint programs exist between two or more schools; cooperative programs are administered by two or more institutions. The same course, examination, or thesis may be used to fulfill requirements only if so specified in the documents formally establishing the joint- or dual-degree program approved by the University.

Students must be admitted to both academic programs offering the dual or joint degrees being sought and must graduate from both degree programs at the same time. Students are advised to see the individual school for other specific requirements that apply.
Students who are interested in or accepted to any of the University of Pittsburgh's graduate or professional programs listed below other than those leading to the first-professional degrees offered by the University (MD, JD, LLM, PharmD, or DMD) will find useful most of the sections of this bulletin. Descriptions of the University, its regulations, and its services are included in the sections prior to the program-specific information in the Schools, Departments, and Programs section of the bulletin, and should be read in conjunction with the specific program information detailed under the relevant school.

Students interested in first-professional programs (MD, JD, LLM, PharmD, or DMD) can ignore much of the bulletin prior to the First-Professional Programs section, but should familiarize themselves with the general information on the University, as well as the section on Campus Facilities & Student Services, and the University-wide policies detailed in Rights and Responsibilities. The Schools of Medicine, Law, Dental Medicine, and Pharmacy appear in the Graduate Programs section for programs leading to the graduate and professional advanced degrees as well as in the First-Professional Programs section since these schools offer both types of programs. Faculty are listed by their department or program at the end of the school.

Students should note that the listings of requirements and procedures for admissions, registration, and other information listed in the sections prior to the more program-specific information provided in the Schools, Departments, and Programs section of this bulletin represent the minimum requirements and basic procedures. Students should consult the information on their specific school, program, and department for detail on additional, stricter, or more specific requirements and procedures.

### DEGREE- AND CERTIFICATE-GRANTING PROGRAMS

The University of Pittsburgh offers numerous graduate degrees, first-professional degrees, and certificates in its graduate and professional schools. These degree and certificate programs are listed below.

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<th>Program</th>
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<tr>
<td>Applied Statistics</td>
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¹For more information on the academic center, please refer to the appropriate section in the bulletin.
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<th>Program</th>
<th>Degree(s) Offered</th>
<th>Academic Center¹</th>
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<td>Telecommunications</td>
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¹ Acronyms for academic centers are as follows:
FAS = Faculty of Arts and Sciences
GSPH = Graduate School of Public Health
GSPIA = Graduate School of Public and International Affairs
SHRS = School of Health and Rehabilitation Sciences
SIS = School of Information Sciences
UCIS = University Center for International Studies
The School of Nursing was established as an independent school of the University by action of the Board of Trustees in April 1939 and was opened in September of the same year. Dr. Ruth Perkins Kuehn, the first director of a School of Nursing in the United States to be awarded an earned doctoral degree, was appointed Dean. The first students to enroll in the School of Nursing were registered nurses who had been pursuing further education in the College of Arts and Sciences and the School of Education. The University conferred the degree, Bachelor of Science in Nursing Education, for the first time in August 1939 to one of these students. The University conferred the first Bachelor of Science in Nursing degrees in February 1942. From that early beginning until now, the University has conferred almost 5,900 undergraduate nursing degrees.

The first graduate degree was awarded in 1944, and the first Doctor of Philosophy degree in 1957. At the present time, the University of Pittsburgh has awarded more than 2,100 master’s degrees and more than 100 doctoral degrees to nursing students.

MISSION

The School of Nursing, an integral part of the University of Pittsburgh, subscribes to the University’s commitment to teaching, research, and service. Through these major functions, the school strives to have a positive impact on the quality of health care for all segments of the population.

The school offers educational programs that anticipate and reflect the health care needs of the region, state, and nation. It prepares graduates to function effectively in multifaceted roles in a variety of settings to promote the health and well being of people. It strives to instill a spirit of inquiry, encourage academic excellence, and foster life-long learning in all students. The school seeks to enroll highly qualified students who represent racial, cultural, and geographic diversity and to prepare students for employment in a multicultural society. The advanced degree program at the master’s level is designed to produce the next generation of advanced practice nurses who will provide leadership in the delivery of quality clinical services and advance the independent role of nurses in the provision of care to patients and families. The doctor of philosophy program is designed to prepare scientists and academicians who will seek to participate in interdisciplinary research and contribute to the ongoing development of nursing knowledge and the science of nursing.

CONTACT INFORMATION

School of Nursing
239 Victoria Building
University of Pittsburgh
Pittsburgh, PA 15261
Phone: (412) 624-4586 or 1-888-747-0794
E-mail: nursao@pitt.edu
Web site: http://www.nursing.pitt.edu

ADMISSION PROCESS

All applicants should obtain application materials from the Student Services Office at the address listed above. Each applicant should then submit the following:

- Completed application form and resume
- Application fee
- Complete official transcripts of all undergraduate and graduate work
- Admission test scores (see following sections)
- Three letters of reference
- Personal essay indicating professional goals

After all admission materials have been submitted, each applicant will be personally interviewed unless great distance is an obstacle. In that case, telephone interviews will be used.

Applications to all School of Nursing programs are considered on a rolling basis, though the BSN to PhD program only admits students for the Fall Term. Applications received will be considered only if space is available. Applicants will be notified at the earliest possible date of their admission status. Applicants wishing to be admitted for full-time study should apply for Fall Term admission.

MASTER’S PROGRAM ADMISSION CRITERIA

Applicants to the master’s program in nursing must meet the following criteria before applying:

- A baccalaureate degree in nursing or a graduate-level first-professional degree in nursing. For RN-MSN Option applicants, an associate degree or diploma in nursing as well as completion of 50 specified prerequisite credits with a cumulative QPA of 3.00 or higher are required. The cumulative QPA for any prerequisite credits taken at the University of Pittsburgh must also be 3.00 for RN-MSN applicants. (See RN-MSN Option section on page 290 for detail on the specific credits required).

- A minimum of one year of experience in professional nursing for those students wanting to pursue full-time study in the master’s program. Areas of concentration may require additional and/or specific experience.

- A current license to practice nursing in a state or territory of the United States. Foreign applicants should see section on Admission of Students from Other Countries below.

- One letter of reference attesting to the applicant’s capacity and potential for master’s study from each of the areas noted:
  (a) The director or a faculty member from the most recent academic program attended (if applicant has been a nursing student in the last five years)
  (b) A recent employer
  (c) A person who can speak to the applicant’s professional work

- Scores received within the past ten years on either the General Test of the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). RN-MSN applicants may also need to submit scores for specified Regents Challenge Examinations.
• A prerequisite statistics course of at least three credits is required for full-time study. Statistics may be taken while pursuing a part-time program of study but must be completed before enrolling in Nursing Theory and Research (NUR2001).

Applicants who do not meet all of the criteria may be admitted with provisional status. The faculty in the student's area of concentration may establish requirements in addition to school criteria. These are available through the Student Services Office.

For admission to full graduate status, an applicant must be a graduate of an accredited program and must be considered qualified for advanced study by the area of concentration. Applicants who are not graduates of an accredited program or who do not otherwise qualify for admission to full graduate status may be considered for provisional status if strong supporting evidence of their ability to complete the graduate program is provided. RN-MSN applicants may be admitted to full graduate status even if their basic nursing program was not NLN-accredited since they will be graduated from the University of Pittsburgh School of Nursing BSN program, which is accredited.

Registered nurses who already have a master's degree in nursing have the option of earning a second master's degree in nursing. Earning the second master's may require taking more credits than are required for certification alone. The application process is the same regardless of which option is chosen.

DOCTORAL PROGRAM ADMISSION CRITERIA

Criteria for admission to the MSN-PhD Program in nursing are as follows:

• A master's degree in nursing.
• Documentation of academic success in an appropriate master's degree program with a cumulative QPA of at least 3.50 on a 4.00 scale.
• Satisfactory scores on the Graduate Record Examination (GRE) taken within the past five years.
• Evidence of competence in scholarly research and the ability to communicate in writing as assessed by published articles or original scholarly work such as a master's thesis or its equivalent.
• Evidence of capacity and professional motivation for doctoral study as assessed in interviews with the Coordinator of the Doctoral Program and appropriate faculty.
• Three letters of reference attesting to the applicant's capacity and potential for doctoral study. Two references should be from academic sources and one from a recent employer.
• Evidence of a license to practice nursing.

Applicants who do not meet all of the above criteria may be admitted with provisional status. A key aspect of admission decisions is that there must be a match between an applicant's research interests and those of available faculty. Faculty who teach in the program and guide student research have expertise and research experience in many areas and with populations across the life span. The Nursing Student Services Office has a list of faculty research interests and activities which provides a sense of the research opportunities available.

READMISSION

A new/readmitted student who did not register in the term of admission/readmission is considered inactive and must receive permission from the master's specialty or doctoral program coordinator to be readmitted and to register for a subsequent term.

A student who has not registered for three consecutive terms (one calendar year) will be transferred automatically to inactive status. The student must file an application for readmission to graduate study (and pay the application fee) before being permitted to register again. While on inactive status, a student is not eligible to use the University facilities and should not expect to receive counseling by the faculty or active supervision by his/her advisor and committee. Readmission is not automatic nor does it necessarily reinstate the student in the status enjoyed prior to becoming inactive. Readmitted students must meet all current admission and degree requirements. A student may not be readmitted for the term in which he or she resigned.

ADMISSION OF STUDENTS FROM OTHER COUNTRIES

Students from other countries applying to the School of Nursing should apply using the same admissions process and program criteria as listed above. The application must be completed in English and accompanied by official academic credentials with notarized English translations. A master's applicant must have evidence of the receipt of a degree comparable to the American bachelor's degree that normally terminates 16 years of full-time study, four of which are at the post-high school level. A doctoral applicant must have evidence of the receipt of a degree comparable to the American master's degree. The official transcripts must show all high school and post-high school work, including grades in each course, examination grades and standing in examinations and classes, and whatever other credentials are available to give a clear description of the student's academic accomplishments. Applicants must also have a current license to practice in a state or country.

The Test of English as a Foreign Language (TOEFL) is required if the applicant's native language is not English; this applies where English is not the native language even if English has been the medium of instruction. This test is administered in testing centers all over the world by the Educational Testing Service, Princeton, NJ 08540. It is
Students are required to carry health insurance to be validated each term, which will cover payment of treatment and follow-up procedures. A student wishing to study full time is advised to apply for Summer Term in order to allow adequate opportunity to take English courses and adjust to life in the United States before beginning the nursing Fall Term curriculum.

International students may not register until the University Office of International Services (OIS) has issued non-academic clearance. It is especially important that the student have adequate financial support. No scholarships or student aid are available through the University or the School of Nursing for international students.

After final admission, the School of Nursing reserves the right, even after arrival and enrollment, to require, at the student’s expense if necessary, individual curricular adjustments whenever particular deficiencies or needs are found. This could include enrollment in courses prerequisite to the regular course of study or additional course work in English as a second language.

To facilitate the educational experience and to help the student adjust to the United States, the University offers the support of the Office of International Services, 706 William Pitt Union, University of Pittsburgh, Pittsburgh, PA 15260.

For more information on general University requirements for international student applicants, see the section on Graduate Admissions of International Students on page 3.

HEALTH CARE REQUIREMENTS

All students admitted with full or provisional status are required to participate in a University professional liability insurance policy annually and to have a physical examination upon admission. Individual students must meet additional health requirements of clinical agencies. CPR certification will be validated in each clinical course. Students are required to carry health insurance to be validated each term, which will cover payment of treatment and follow-up procedures.

FINANCIAL ASSISTANCE

The School of Nursing has a commitment to helping students achieve their educational goals and knows that a major concern for most graduate students is paying for their education. Consequently, it is important to explore all possible sources of support early in the admission process and especially with the Doctoral Program Coordinator or faculty members during the interview process for the Master’s Program.

The school has the following awards and sources of aid available:

- Professional Nurse Traineeships
- University tuition aid
- Graduate Student Assistant (GSA), Graduate Student Researcher (GSR), Teaching Assistant (TA), and Teaching Fellow (TF) positions
- School of Nursing Scholarships
- Emergency aid

Opportunities are available to apply for Pre- and Post-Doctoral Training Grant Fellowships. The school offers workshops to assist students in making application for these awards. Applicants should also explore state and federal sources of aid and loans such as PHEAA and Stafford Loans. Many graduate students receive tuition reimbursement from their employers. For further information, see the section on Financial Aid on page 7.

ACADEMIC STANDARDS

The following sections detail academic regulations specific to the School of Nursing. Students should also see the section on General Academic Regulations on page 17 for further information on University-wide regulations not detailed here:

REGISTRATION

Although registration for new students is permitted until the day classes begin, it is recommended that students complete registration well before the beginning of the term. Courses are sometimes closed as a result of heavy early registration. Continuing students are expected to register during the regular registration period each term. Students are responsible for obtaining information about deadlines for registration, adding or dropping a course, and paying tuition and fees. An enrolled student can obtain the University Schedule of Classes in the Student Services Office on the 2nd floor of Victoria Building. Students should read the official graduate students’ bulletin board in the Graduate Communications Room for important announcements.

The full-time credit load for graduate students is nine to 15 credits each term. Students may not register for more than 15 credits without the permission of their advisor and the Assistant Dean.

Late registration is permitted only in unusual circumstances and requires the permission of the faculty advisor and the Assistant Dean for Student Services. A student may add or drop courses only during the first two weeks of a term.

A graduate student must register each term in which he or she is using University facilities or faculty time and also is required to be registered for at least one credit during the term of graduation. It is necessary for a student to register for three credits per year in order to maintain active student status. Upon completion of degree credit requirements, students working full time on a dissertation may enroll in a full-time dissertation study course and pay a special tuition fee.

CROSS REGISTRATION

Students may register for graduate courses at Carnegie Mellon, Duquesne University, the Pittsburgh Theological Seminary, and Robert Morris College under the Pittsburgh Council on Higher Education (PCHE) cross-registration agreement. Such work, if approved in advance by the student’s advisor, may be counted for credit toward a graduate degree.

TRANSFER CREDITS

Official transcripts certifying graduate courses completed in a degree-granting graduate program at another accredited institution prior to admission to the University of Pittsburgh should be submitted at the time of application and should be evaluated for acceptability as transfer credit early in the student’s graduate career.

No more than one-third of the total number of required credits may be granted to a student in the master’s program as transfer credit for work done at another accredited graduate institution. A maximum of 12 graduate-level credits may be transferred toward completion of the
requirements of the doctoral degree. Courses considered for transfer should not be more than ten years old. If there are extenuating circumstances or the content hasn’t changed over time, the student can write to the Associate Dean for a waiver of the course statute of limitations.

Transfer credit will not be accepted for courses in which a grade lower than a B (QPA = 3.00) or its equivalent has been received. No credit will be granted toward work completed in extension courses, correspondence courses, or courses taken at an unaccredited institution.

**ACCEPTABLE ACADEMIC STATUS**
Students must maintain a QPA of at least 3.00 in order to be eligible to progress in the program.

**WARNING AND PROBATION**
A student on full graduate status who has completed fewer than nine credits and has achieved a term QPA below 3.00 shall receive a letter of warning from the Director of Graduate Student Services recommending that he or she seek advice from the major advisor.

After completion of nine or more credit hours, a student on full graduate status whose cumulative QPA falls below 3.00 shall be placed on academic probation and shall be apprised of his or her probationary status by a letter from the Director of Graduate Student Services. A student must have attained a cumulative QPA of 3.00 and be eligible for removal from probation upon completion of nine additional credits, the equivalent of one full term, in order to remain in the program.

A student may be on probation only once during the program of study.

**ADVISING AND PLACEMENT**
Each new student who is admitted to the graduate program is assigned a faculty advisor from the specific program area to which the student is admitted. The faculty advisor provides some initial orientation to the School, the University, and the program requirements. Each student meets at least once a term with the advisor for course selection and other academic advising, though students and advisors can meet additionally as needed. The advisor is actively involved if there are academic concerns.

Each student also can use the Student Services Office in the School of Nursing to obtain information about sources of financial aid, scholarships, school policies, registration, course availability, university resources, and community resources for help with personal problems. This office conducts a general orientation program for new students. The School of Nursing has a Director of Placement, whose office is in the Student Services Office. She is available to assist all graduate students with career development issues, including resume writing and job opportunities. Bulletin boards within the School contain postings on current educational and job opportunities.

**GENERAL DEGREE REQUIREMENTS**
To earn the Master of Science in Nursing or the PhD in Nursing, the student must demonstrate satisfactory academic achievement in required coursework prescribed by the curriculum with an overall academic achievement of a minimum QPA of 3.00.

**APPLICATION FOR GRADUATION**
Each candidate for graduation must file an official Application for Graduation in the Nursing Student Services Office at least three months before the degree is to be completed. Students are required to be registered for at least one credit at the University during the term in which they are graduated. Students who complete all the degree requirements at the end of a term, but are graduated in the next, may petition the Dean for a waiver of this requirement. If a student has filed an Application for Graduation but will not graduate that term, the student must notify the Nursing Student Services Office, and an Application for Graduation must be submitted again during the term the student will graduate. See section on Graduation on page 26 of this bulletin for further detail.

**MAJOR AND DEGREE OPTIONS**
The School of Nursing offers the following graduate degrees:

- The MS in Nursing with majors and areas of concentration in the following areas:
  - Acute Care Nurse Practitioner
  - Nurse Anesthesia
  - Health Promotion and Development
  - Health and Community Systems
  - Health and Community Systems

- The PhD in Nursing (including the BSN to PhD option)

The purpose of the Master’s Program is to provide an organized sequential plan of study that leads to preparation of an advanced practice nurse or preparation in a specialized nursing role. This purpose is fulfilled through:

- Preparation in either advanced nursing practice or in a specialized nursing role
- Preparation in research methods and skills
- Provision of a foundation for further study at the doctoral level

The graduate of the Master's Program will do the following:

- Demonstrate mastery of advanced knowledge and skills in a specialty area of advanced practice nursing or in a specialized role.
- Critically evaluate knowledge and theories from nursing and other disciplines for their contribution to nursing practice.
- Demonstrate the ability to identify a researchable problem relevant to nursing and health care and participate in research activities designed to contribute to nursing science.
- Initiate collaborative relationships with other health professionals to ensure quality care to the patient/client and to mobilize health
and social resources for individuals, families, groups, and communities.

- Demonstrate leadership activities to advance the profession of nursing.

- Critically evaluate issues relative to nursing practice and health care in light of scientific knowledge and personal and societal values.

- Formulate and implement plans for individual professional development.

- Demonstrate ability to communicate ideas both orally and in written form in an articulate, literate, and organized manner.

The purpose of the PhD in Nursing degree program is to prepare scholars who will discover and extend scientific knowledge that advances the science and practice of nursing and contributes to the scientific base of other disciplines. The program’s objectives are to enable graduates to:

- Generate new knowledge through research.

- Examine the trends and factors that influence the generation of nursing knowledge and its use in nursing practice.

- Contribute to the advancement of health care in a culturally diverse society through communication of knowledge to the broader scientific community.

- Reflect a nursing perspective in research and scholarly endeavors.

**SPECIAL ACADEMIC OPPORTUNITIES/PROGRAMS**

The **School of Nursing** offers a variety of special programs within its master’s and doctorate programs:

**MINOR IN NURSING EDUCATION OR NURSING ADMINISTRATION**

Students in the master’s program have the option of completing a minor in either Nursing Education or Nursing Administration using elective credits. Each minor requires 12 credits of study in the area of the minor, including the successful completion of three theory courses and a practicum. A minor in Nursing Education will provide the student with increased skills in the design, implementation, and evaluation of educational experiences. A minor in Nursing Administration will provide the student with increased business and management skills.

**SECOND MASTER’S DEGREE FOR RNS**

Registered nurses who already have a master’s degree in nursing have the option of earning a second master’s degree in nursing. Earning the second master’s may require taking more credits than are required for certification alone.

**BSN TO PHD PROGRAM**

The **School of Nursing** offers a BSN to PhD Program, in which a student with a BSN can be admitted directly into the doctoral program. In addition to completing all of the requirements for the traditional doctoral program, the BSN to PhD student completes 30-33 credits at the master’s level prior to beginning doctoral level course work. This program is particularly appealing to nurses who wish to pursue a career in nursing research. Interested applicants should contact the Student Services Office at (412) 624-4586 for further information.

Detailed below is a sample curriculum design for the post BSN to PhD Program:

**Fall Term (YR 1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2001</td>
<td>Theory/Research</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2004</td>
<td>Pathophysiology</td>
<td>4 cr.</td>
</tr>
<tr>
<td>PSYED 2014</td>
<td>Statistical Methods 1</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3049</td>
<td>Research Seminar</td>
<td>1 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>11 cr.</strong></td>
</tr>
</tbody>
</table>

**Spring Term (YR 1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2800</td>
<td>Clinical Trials Lecture</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2801</td>
<td>Clinical Trials Lab</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2002</td>
<td>Pharmacology</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2050</td>
<td>Research Practicum: Pre-Doc Application</td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>10 cr.</strong></td>
</tr>
</tbody>
</table>

**Summer Term (YR 1)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2077</td>
<td>Research Computing</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2051</td>
<td>Research Practicum 2: Pilot Design</td>
<td>3 cr.</td>
</tr>
<tr>
<td>PSYED 2015</td>
<td>Statistical Methods 2</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Cognate</td>
<td></td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>12 cr.</strong></td>
</tr>
</tbody>
</table>

**Fall Term (YR 2)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 1653</td>
<td>Philosophy of Science</td>
<td>3 cr.</td>
</tr>
<tr>
<td>or HPS 2563</td>
<td>History of Medicine</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3053</td>
<td>General Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 3020</td>
<td>Research Methods</td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>11 cr.</strong></td>
</tr>
</tbody>
</table>

**Spring Term (YR 2)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3053</td>
<td>General Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>PSY ED 2016</td>
<td>Statistical Methods 3</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3027</td>
<td>Seminar Structure of Nursing Knowledge</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3030</td>
<td>Research Development</td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>11 cr.</strong></td>
</tr>
</tbody>
</table>

**Summer Term (YR 2)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3053</td>
<td>General Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 3010</td>
<td>Research Instrumentation</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Cognate</td>
<td></td>
<td>3 cr.</td>
</tr>
<tr>
<td>Cognate</td>
<td></td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>11 cr.</strong></td>
</tr>
</tbody>
</table>

**Fall Term (YR 3)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3040</td>
<td>Research Emphasis Seminar</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3052</td>
<td>Research Practicum 3: Manuscript Prep.</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Cognate</td>
<td></td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>9 cr.</strong></td>
</tr>
</tbody>
</table>

**Spring Term (YR 3)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY ED 3413</td>
<td>Nonparametric Statistics</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3115</td>
<td>Advanced Quantitative Methods in Res.</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Cognate</td>
<td></td>
<td>3 cr.</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td></td>
<td><strong>9 cr.</strong></td>
</tr>
</tbody>
</table>

**Summer Term (YR 3)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 3010</td>
<td>PhD Dissertation</td>
<td>9 cr.</td>
</tr>
</tbody>
</table>
CERTIFICATION PROGRAMS
Master’s and post-master’s students also have the option of enrolling in the School Nurse Certification Program which requires the completion of four courses, including a School Nurse Practicum and Seminar. Other elective courses are available in the School of Nursing which may assist the student to achieve certification in Occupational Health, Legal Nurse Consulting, Case Management and as an Emergency Medical Technician.

TRAINING AND RESEARCH OPPORTUNITIES
The School of Nursing offers its students exceptional training and research opportunities through the wealth of facilities and hospitals within the University of Pittsburgh Medical Center (UPMC). Broadly, UPMC encompasses a host of hospitals, clinical facilities, and specialized medical centers, including Presbyterian University Hospital, Montefiore University Hospital, Western Psychiatric Institute and Clinic, and the Pittsburgh Cancer Institute. The University also maintains cooperative relationships with Children’s Hospital of Pittsburgh, Magee-Women’s Hospital, and the Pittsburgh Veterans Administration Medical Centers. The University’s Schools of the Health Sciences — Medicine, Nursing, Health and Rehabilitation Sciences, Pharmacy, Dental Medicine, and the Graduate School of Public Health — educate an array of health care professionals and conduct research on the diagnosis, treatment, and prevention of a broad spectrum of diseases and health problems.

EDUCATIONAL RESOURCES
The Learning Resources Center (LRC) of the School of Nursing is located on the second floor of the Victoria Building and provides a nursing skills practice laboratory, reference services, and a variety of AV equipment in an independent study setting. As a diverse service setting, the LRC also includes a computer laboratory, a small television studio, and a graphics laboratory for student and faculty use. In addition, nursing students have access to extensive print collections, journals, and reference librarians at the Falk Library for the Health Sciences.

COMPUTER RESOURCES
Nursing students have access to the LRC Computer Laboratory in the School of Nursing 60 hours per week during the academic terms. The lab is equipped with IBM and Macintosh Computers, along with specialized computer equipment such as a scanner and a slide maker. A variety of software and reference books is also available. Not only does the lab provide microcomputer capability for students’ learning but it also has ports to the University’s main computer system and to databases and E-mail in a health sciences information management system. A major index to nursing literature is available which indexes almost all English language nursing journals plus publications of the American Nurses’ Association and the National League for Nursing.

RESEARCH RESOURCES
The University of Pittsburgh is a major research institution in the health care field and the School of Nursing actively encourages research activity among faculty and students, including research with interdisciplinary colleagues across the campus. The Center for Nursing Research within the school offers support services to faculty preparing research proposals, including design and proposal development consultation, assistance with data management and analysis, and critiques and technical preparation of proposals. Research assistanhips in limited numbers are available to qualified graduate students. Research opportunities for students are also available with faculty throughout the school as well as with health-related studies across the campus.

RN-MSN OPTION
The purpose of the RN-MSN Program is to allow the registered nurse student to complete the combined bachelor’s and master’s degree program in a timely and efficient manner. The RN Options Program is tailored to the specific needs of the registered nurse adult learner and is consistent with adult learning principles.

Registered nurses whose original preparation in nursing was obtained in a diploma or associate degree program can earn either a BSN or the combined bachelor’s and master’s degrees. The BSN option is available for registered nurses who have not yet decided upon advanced specialization in nursing. (For information on earning only the BSN through the RN Options Program, see the University of Pittsburgh Undergraduate Bulletin for admissions details and program requirements.) The combined BSN/MSN option prepares registered nurses for advanced practice in the following areas while completing the requirements for both degrees: Nurse Anesthesia, Acute Care Nurse Practitioner, Family Nurse Practitioner, Pediatric Nurse Practitioner, Psychiatric Primary Care Nurse Practitioner, Women’s Health Nurse Practitioner, and advanced specialty roles in Nursing Research, Nursing Education, Nursing Administration, and Nursing Informatics.

RN-MSN OPTION ADMISSION AND PREREQUISITE REQUIREMENTS
Registered nurse students interested in the RN-MSN option must successfully complete 50 prerequisite credits. These credits may be taken at the University of Pittsburgh or at any accredited college or university. The minimum required grade point average for the 50 prerequisite credits is 3.00. RN-MSN applicants must meet the admission requirements for the Master’s Program (see above).

Prerequisite credits include the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Anatomy and Physiology</td>
<td>6</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>English (Writing/Comp.)</td>
<td>3</td>
</tr>
<tr>
<td>Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>25</td>
</tr>
</tbody>
</table>

Eighteen of the elective credits must be in academic courses. Seven credits are “free” electives from any college-level courses. RN-MSN applicants are required to take a pre-approved statistics course. At least nine of the required 50 prerequisite credits must have been earned within the past eight years.

RN-MSN applicants who meet one of the following criteria will be awarded 40 credits advanced standing for their basic nursing education:

- Graduation from an NLN-accredited program within three years prior to consideration for admission to the RN-MSN Program.
As an alternative to those advanced practice clinical master's programs listed above, students may select preparation for an advanced specialty role. Areas of concentration are available in the following: Nursing Education, Nursing Administration, Nursing Research, and Nursing Informatics.

**CORE COURSES: ALL MASTER'S PROGRAMS**

The following courses, from the School Core Courses, are required for all students enrolled in the Master's Program:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2001</td>
<td>Nursing Theory and Research</td>
<td>4 cr.</td>
</tr>
<tr>
<td>NUR 2002</td>
<td>Research Practicum</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

The following are required of all students in the Nurse Anesthesia and Nurse Practitioner programs:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2003</td>
<td>Health Promotion</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2004</td>
<td>Pathophysiology</td>
<td>4 cr.</td>
</tr>
<tr>
<td>NUR 2016</td>
<td>Physical Diagnosis</td>
<td>2 cr.</td>
</tr>
<tr>
<td>PHARM2002</td>
<td>Graduate Pharmacology</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Plus 1 credit in area of specialization</td>
<td>1 cr.</td>
<td></td>
</tr>
</tbody>
</table>

**ELECTIVE COURSES**

Each program requires six to nine elective credits which can include any courses listed under the Nursing Education or Nursing Administration minors or other School of Nursing elective courses. In addition, or as an alternative, courses offered throughout the University at a 2000 level or higher may be taken as electives.

**ACUTE CARE NURSE PRACTITIONER (ACNP) MAJOR**

The Acute Care Nurse Practitioner (ACNP) program prepares nurse practitioners to function as generalist, principal providers of care for adults with common episodic/chronic health problems managed across the continuum of acute care centers. In addition, ACNP preparation includes clinical emphasis in: cardiopulmonary, critical care, oncology, or a directed clinical emphasis. The ACNP is prepared to assume responsibility for promoting, maintaining, and restoring health to adults who are acutely or critically ill. The ACNP role includes identification of health risks, promotion of wellness, and diagnosis and management of acute and chronic illness. ACNPs also participate in research and provide leadership in mobilizing health services.

In foundational core and clinical courses, students learn the decision-making skills needed to manage the episodic and chronic health problems commonly experienced by acutely ill adults. Courses in the clinical emphasis follow and build upon this knowledge base. Culminating role and clinical practica are included as synthesizing experiences in the final term of study. Clinical experience for students is provided in outpatient, acute care, and critical care settings in order to provide experience in management of acute and chronic illness across the health care continuum. Clinical experience for students who elect the critical care subspecialty is predominantly in the critical care setting.

ACNP graduates are eligible for legal certification as Nurse Practitioners by the State Board of Nurse Examiners of the Commonwealth of Pennsylvania and peer certification by the American Nurses Credentialing Center and the American Academy of Nurse Practitioners.
**ACNP APPLICANT REQUIREMENTS**

In addition to the general requirements for admission noted under Master’s Program Admission Criteria on page 285, applicants should have two years of clinical experience, including one year of clinical experience in the selected area of clinical emphasis before applying to the Acute Care Nurse Practitioner program. Registered nurses who already have a master’s degree in nursing may complete a post-master’s program that earns them a second master’s degree in nursing.

For further information contact the Acute Care Nurse Practitioner Program at (412) 624-6866 or visit the Acute Care Nurse Practitioner Web site at: [http://www.nursing.pitt.edu/](http://www.nursing.pitt.edu/). To receive an application for admission, contact the School of Nursing Student Services Office. (See above for Contact Information.)

**ACUTE CARE NURSE PRACTITIONER CURRICULUM**

The curriculum consists of 18 master’s core credits, 22 specialty credits, and nine elective credits (total 49 credits). Full-time study requires five terms. Part-time study is available. A sample full-time curriculum is listed below:

**Fall Term (YR 1) – nine credits**
- Health Promotion (NUR 2003)
- Pathophysiology (NUR 2004)
- Physical Diagnosis Theory (NUR 2016)
- Physical Diagnosis Clinical (NUR 2020)

**Spring Term (YR 1) – 10 credits**
- Mgmt of Adult Episodic and Common Problems in Acute Care (NURATC 2100)
- Pharmacology (PHARM 2002)

**Summer Term (YR 1) – 10 credits**
- Mgmt of Complex Health Problems of Acutely and Critically Ill Adults (NURATC 2104)
- Research/Theory (NUR 2001)
- Elective I

**Fall Term (YR 2) – 11 credits**
- Research Practicum (NUR 2002)
- Elective II
- Clinical Practicum in Clinical Emphasis

**Spring Term (YR 2) – nine credits**
- ACNP Role Practicum (NUR2027)
- ACNP Role Seminar (NUR2028)
- Elective III

**ACUTE CARE NURSE PRACTITIONER COURSE LISTINGS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURATC 2100</td>
<td>Mgmt of Adults with Episodic/Chronic Health Problems</td>
<td>7 cr.</td>
</tr>
<tr>
<td>NURATC 2104</td>
<td>Mgmt of Complex Health Problems of the Acutely and Critically Ill Adult</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NURATC 2105</td>
<td>Clinical Emphasis: Cardiopulmonary</td>
<td>6 cr.</td>
</tr>
<tr>
<td>NURATC 2106</td>
<td>Clinical Emphasis: Critical Care</td>
<td>6 cr.</td>
</tr>
<tr>
<td>NURATC 2107</td>
<td>Clinical Emphasis: Oncology</td>
<td>6 cr.</td>
</tr>
<tr>
<td>NURATC 2109</td>
<td>Clinical Emphasis: Directed Study</td>
<td>6 cr.</td>
</tr>
<tr>
<td>NUR 2028</td>
<td>ACNP Role Practicum</td>
<td>1-4 cr.</td>
</tr>
<tr>
<td>NUR 2027</td>
<td>ACNP Role Seminar</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

**NURSE ANESTHESIA MAJOR**

Nurse anesthesia practice is based on a continuum of care beginning with preoperative assessment and culminating with discharge from the recovery area. Nurse anesthetists interview and assess their patients and then formulate a plan of care individualized to best meet the needs of each patient. Throughout the preoperative period, nurse anesthetists serve as patient advocates, provide emotional support, and collaborate with other health care practitioners to provide the optimum anesthetic experience.

The Nurse Anesthesia Program prepares registered nurses for entry into anesthesia practice. Graduates are prepared to administer a full range of anesthetics to a wide variety of patients across the life span. Through an integrated program of classroom and clinical instruction, students develop the didactic knowledge base and clinical skills necessary for safe and effective practice.

Students rotate through numerous clinical sites in Pittsburgh and the surrounding region. The University of Pittsburgh Medical Center hospitals are world-renowned in the areas of surgical innovation, trauma medicine, organ transplantation, research, and biomedical technology. Specialty rotations in cardiothoracic, neurosurgical, dental, organ transplantation, pediatrics, obstetrics, and electroconvulsive therapy enrich the program. The clinical program also incorporates rotations to community hospitals to more broadly prepare the graduate for practice in diverse settings. Students work directly with nationally and internationally renowned leaders in research, practice, and education. Upon completion of the program, graduates are well prepared to safely manage simple to extremely complex patients. The Program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs. Graduates are eligible to take the National Certification Examination administered by the Council on Certification of Nurse Anesthetists.

**NURSE ANESTHESIA APPLICANT REQUIREMENTS**

In addition to meeting the general requirements for admission noted under Master’s Program Admission Criteria, applicants to the Nurse Anesthesia Program must be registered nurses with a minimum of one-two years of acute/critical care nursing experience. Undergraduate transcripts, professional references, a graduate admission test, and an essay must be submitted to be considered for an interview with program faculty.

For further information, call the School of Nursing Student Services Department at (412) 624-4586, 1 (888) 747-0794 or visit the Nurse Anesthesia Program Web site at [http://www.pitt.edu/~nursing/progs/masters/nap/nap.html](http://www.pitt.edu/~nursing/progs/masters/nap/nap.html). To request an application packet online refer to the Student Services Web site area: [http://www.nursing.pitt.edu/request.asp](http://www.nursing.pitt.edu/request.asp)

**NURSE ANESTHESIA CURRICULUM**

The program is offered in a full-time format over 28 months, and classes begin each August. Part-time study is also available. The curriculum consists of 52 didactic credits and 60 equivalent credits of clinical practice (students do not pay tuition for the clinical credits). The curriculum design integrates the classroom and clinical courses and consists of 18 core credits, 28 anesthesia specialty credits, and six elective credits. Minors are available in Nursing Education and Nursing Systems (Nursing Administration minor is pending approval).

Clinical practice begins at two days a week in the first term and increases in both intensity and frequency throughout the course of study. Clinical practice in the last term is five days a week and is interspersed with clinical conferences and preparation sessions for the Certification Examination.

A sample full-time curriculum for the Nurse Anesthesia program follows:
**FAMILY NURSE PRACTITIONER (FNP)**

The Family Nurse Practitioner (FNP) is prepared as a generalist, principal provider of primary health care nursing. In this clinician role, the FNP assumes responsibility for promoting, maintaining, and restoring health to individuals across the life span. This includes the identification of health risks, the promotion of wellness, and the diagnosis and management of acute and chronic illness. FNPs also conduct research and provide leadership in mobilizing community and managed care services. They are prepared to work both independently and in collaboration with other health care professionals. Graduates are eligible for legal certification by the Commonwealth of Pennsylvania and peer certification offered by the American Nurses Credentialing Center and the American Academy of Nurse Practitioners.

The FNP area of concentration offers both full-time and part-time study on the main campus in Pittsburgh and on the Bradford and Johnstown branch campuses.

**FNP Applicant Requirements**

In addition to meeting the general requirements for admission noted under Master’s Program Admission Criteria, applicants to the FNP program who wish to study full time should have one year of nursing experience.

For further information contact (412) 624-3827 or E-mail dgn@pitt.edu. To receive an application for admission, call the School of Nursing Student Services Office at (412) 624-4586, 1 (888) 747-0794, E-mail at nursao@pitt.edu, or visit the School of Nursing Web site at http://www.nursing.pitt.edu/.

**Family Nurse Practitioner Curriculum**

The 52-credit curriculum is rigorous and requires a considerable commitment of the students’ time and energy. It consists of 18 master’s core credits; 25 credits in the specialty of family primary health care nursing; and nine elective credits which students may choose to enhance their specialty focus. The sequence of courses is planned to provide the best opportunity for a logical building of the clinical decision-making skill necessary to function as an FNP. Specifically, pathophysiology, pharmacology, and health promotion are seen as foundational, and thus are offered early. Adult management courses follow the course in adult physical diagnosis. The pediatric and geriatric courses build upon what is learned about adults and focus on the developmental, diagnostic, and physiologic differences encountered in caring for these special populations. Culminating role and clinical practica are planned in the final term of study as synthesizing experiences to prepare graduates for immediate employment as FNPs.

By individualizing the program of study, students may subspecialize in pediatrics, geriatrics, women’s health, or school health. A sample full-time FNP curriculum follows:

**Fall Term (YR 1) – 11 credits**

- Health Promotion (NUR 2003)
- Pathophysiology (NUR 2004)
- Clinical Practicum (NURSAN 2792)

**Spring Term (YR 1) – 14 credits**

- Pharmacology (PHARM 2002)
- Research/Theory (NUR 2001)
- Mgmt: Adult Acute/Chronic I Theory (NURHPD 2503)
- Mgmt: Adult Acute/Chronic I FNP Clinical (NURHPD 2505)
Summer Term (YR 1) – nine credits
Pediatric Phys. Diagnosis/Theory (NURHPD)
Pediatric Phys. Diagnosis/Clinical (NURHPD)
Mgmt: Geriatric Health (NURHPD 2526)
Elective

Fall Term (YR 2) – nine credits
Mgmt: Pediatric Health, Theory (NURHPD 2520)
Mgmt: Pediatric Health Clinical (NURHPD 2521)
Research Practicum
Elective

Spring Term (YR 2) – nine credits
FNP Role Seminar (NUR 2027)
FNP Role Practicum (NUR 2028)
Elective

**Family Nurse Practitioner Course Listings**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2017</td>
<td>Physical Diagnosis - FNP</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2523</td>
<td>Management Women’s Health 1</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2503</td>
<td>Management Adult Acute/Chronic 1 Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2505</td>
<td>Management Adult Acute/Chronic 1 Clinical</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2514</td>
<td>Management Adult Acute/Chronic 2 Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2517</td>
<td>Management Adult Acute/Chronic 2 Clinical</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2500</td>
<td>Pediatric Physical Diagnosis</td>
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</tr>
<tr>
<td>NURHPD 2501</td>
<td>Pediatric Physical Diagnosis Clinical</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2526</td>
<td>Management Geriatric Health</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NURHPD 2520</td>
<td>Management Pediatric Health Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2521</td>
<td>Management Pediatric Health Clinical</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2028</td>
<td>FNP Role Practicum</td>
<td>1-4 cr.</td>
</tr>
<tr>
<td>NUR 2027</td>
<td>FNP Role Seminar</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

**PEDIATRIC NURSE PRACTITIONER (PNP)**
The Pediatric Nurse Practitioner (PNP) area of concentration prepares nurses for expanded roles as primary care providers of health care to children and adolescents. The purpose of the program is to provide students with course work and clinical experiences related to health promotion, child development, physical diagnosis and the management of well, acutely ill, and chronically ill children and adolescents in ambulatory settings. The PNP program offers both full-time (20 months) and part-time study (3-4 years).

**PNP Applicant Requirements**

In addition to meeting the general requirements for admission noted under Master’s Program Admission Criteria, applicants to the PNP program should have one year of nursing experience with neonates, infants, children, or adolescents.

For further information contact (412) 624-3827, or (412) 624-9745 or E-mail vanc@pitt.edu. To receive an application for admission, call the Nursing Student Services Office at (412) 624-4586, 1 (888) 747-0794, E-mail nurso@pitt.edu, or visit the School of Nursing Web site at http://www.nursing.pitt.edu/.

**Pediatric Nurse Practitioner Curriculum**
The 45-credit curriculum consists of 18 master’s core credits, 24 specialty and cognate credits, and three elective credits. The curriculum focuses on health promotion, child development, physical diagnosis and the management of well, acutely ill, and chronically ill children and adolescents in ambulatory settings. PNP subspecialty courses are taught by PNP faculty and are specifically designed for PNP students. The main clinical site for students is Children’s Hospital of Pittsburgh Primary Care Center, where PNP students work closely under the supervision of practicing PNP faculty. PNP faculty members arrange additional clinical experiences in the community working with excellent PNP’s and pediatricians. Clinical experiences are designed to provide students with an opportunity to care for children from the newborn period through adolescence. A culminating role seminar and practicum provide the student with the opportunity to synthesize all principles learned in the program. A sample full-time PNP curriculum follows:

**Family Nurse Practitioner Course Listings**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2015</td>
<td>Pediatric Physical Diagnosis Theory</td>
<td>2 cr.</td>
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<tr>
<td>NUR 2019</td>
<td>Pediatric Physical Diagnosis Clinical</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2540</td>
<td>Pediatric Well Child Care</td>
<td>2 cr.</td>
</tr>
<tr>
<td>PHARM 2000</td>
<td>Pharmacology in Nursing</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NURHPD 2543</td>
<td>Mgmt: Common Pediatric Problems Theory</td>
<td>2 cr.</td>
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<tr>
<td>NURHPD 2545</td>
<td>Mgmt: Common Pediatric Problems Clinical</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2553</td>
<td>PNP Role Practicum</td>
<td>1-2 cr.</td>
</tr>
<tr>
<td>NURHPD 2546</td>
<td>Mgmt: Adolescent Health I Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2547</td>
<td>Mgmt: Adolescent Health I Clinical</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2549</td>
<td>Mgmt: Advanced Pediatric Theory</td>
<td>2 cr.</td>
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<tr>
<td>NURHPD 2550</td>
<td>Mgmt: Advanced Pediatric Clinical</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2552</td>
<td>Mgmt: Advanced Pediatric Health Problems II</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2027</td>
<td>PNP Role Seminar</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2028</td>
<td>PNP Role Practicum</td>
<td>1-4 cr.</td>
</tr>
<tr>
<td>NURHPD 2548</td>
<td>Mgmt: Adolescent Health Clinical</td>
<td>1 cr.</td>
</tr>
</tbody>
</table>
WOMEN’S HEALTH NURSE PRACTITIONER (WHNP)
The Women’s Health Nurse Practitioner (WHNP) area of concentration prepares primary care nurse practitioners to assume responsibility for promoting, maintaining, and/or restoring the health of adults with a special emphasis on women. The WHNP also participates in research and provides leadership in mobilizing needed resources to meet the health care needs of women. Graduates are prepared to work in collaboration with physicians and are eligible for legal certification as WHNPs by the Commonwealth of Pennsylvania and peer certification offered by the American Nurses Association and the National Certification Corporation of the Association of Women’s Health, Obstetric, and Neonatal Nurses (AWHONN).

The WHNP program offers both full-time and part-time study. For further information contact (412) 624-3799 or E-mail annie@pitt.edu. To receive an application for admission, call the School of Nursing Student Services Office at (412) 624-4586, 1 (888) 747-0794 or E-mail at nursao@pitt.edu. You may also visit the School of Nursing Web site at http://www.nursing.pitt.edu/.

Women’s Health Nurse Practitioner Curriculum
The 50-credit curriculum consists of 18 master’s core credits, 26 specialty and cognate credits in the specialty of women’s health, and six elective credits which students may choose to enhance their specialty focus. The sequence of courses is planned to provide the best opportunity for a logical building of the clinical decision-making skill necessary to function as a WHNP. Specifically, pathophysiology, pharmacology and health promotion are seen as foundational, and thus are offered early. Adult and women’s health management courses follow adult physical diagnosis. The role and clinical practica are planned in the final term of study as synthesizing experiences to prepare graduates for immediate employment as WHNPs. A sample full-time curriculum for WHNPs follows:

Fall Term (YR 1) – 11 credits
- Physical Diagnosis Theory (NUR 2016)
- Physical Diagnosis Clinical (NUR 2018)
- Health Promotion (NUR 2003)
- Pathophysiology (NUR 2004)
- Mgmt: Women’s Health I (NURHPD 2523)

Spring Term (YR 1) – 13 credits
- Pharmacology (PHARM 2002)
- Mgmt: Adult Acute/Chronic I Theory (NURHPD 2503)
- Mgmt: Adult Acute/Chronic I WHNP Clinical (NURHPD 2585)
- Human Genetics (HUGEN 2017)
- Mgmt: Adult Acute/Chronic II Theory (NURHPD 2514)

Summer Term (YR 1) – eight credits
- Research/Theory (NUR 2001)
- Mgmt: Women’s Health II (NURHPD 2580)
- Mgmt: Women’s Health II Clinical

Fall Term (YR 2) – nine credits
- Mgmt: Women’s Health III (NURHPD 2583)
- Mgmt: Women’s Health III Clinic (NURHPD 2584)
- Research Practicum (NUR 2002)
- Elective

Spring Term (YR 2) – nine credits
- WHNP Role Seminars (NUR 2027)
- WHNP Role Practicum (NUR 2028)
- Elective

Women’s Health Nurse Practitioner Course Listings

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NUR 2018 Physical Diagnosis - WHNP</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2523 Mgmt: Women’s Health I</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2503 Mgmt: Adult Acute/Chronic I</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2585 Mgmt: Adult/Acute Chronic I</td>
<td>1 cr.</td>
</tr>
<tr>
<td>HUGEN 2017 Human Genetics</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NURHPD 2514 Mgmt: Adult Acute/Chronic II</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2587 Mgmt: Adult/Acute Chronic II</td>
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<tr>
<td>NURHPD 2580 Mgmt: Women’s Health II Theory</td>
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<tr>
<td>NURHPD 2581 Mgmt: Women’s Health II Clinical</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2583 Mgmt: Women’s Health III Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2584 Mgmt: Women’s Health III Clinical</td>
<td>2 cr.</td>
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<tr>
<td>NUR 2027 Women’s Health Nurse Practitioner</td>
<td>3 cr.</td>
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<tr>
<td>Role Seminar</td>
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<tr>
<td>NUR 2028 Women’s Health Nurse Practitioner</td>
<td>1-4 cr.</td>
</tr>
<tr>
<td>Role Practicum</td>
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</tbody>
</table>

HEALTH AND COMMUNITY SYSTEMS MAJOR:
PSYCHIATRIC PRIMARY CARE NURSE PRACTITIONER

The MSN in Health and Community Systems offers an area of concentration in Psychiatric Primary Care Nurse Practitioner (PPCPN). The Psychiatric Primary Care Nurse Practitioner (PPCPN) program prepares primary providers of primary health care who treat adult psychiatric clients in a variety of settings on both an episodic and continuous basis. PPCPN students begin their plan of study in core courses that include content on physical diagnosis, health promotion, pharmacology, pathophysiology, and management of acute, episodic, and chronic health problems. Psychiatric Primary Care content directly builds on these core concepts to provide students with the advanced practice skills to effectively manage both the common medical and complex psychobiological problems of persons with psychiatric disorders. Practica provide opportunities for intensive and varied clinical experiences. The program is designed to qualify the student for credentialing by the Commonwealth of Pennsylvania as a certified registered nurse practitioner and for peer certification by the American Nurses’ Association and the American Academy of Nurse Practitioners.

The PPCNP program offers both full-time and part-time study. Registered nurses who already have a master’s degree in nursing may earn a second master’s degree in this area of concentration. Determination of advanced standing credits will be done by the PPCNP faculty. Applicants to the PPCNP program should have one year of experience in psychiatric/mental health nursing.

For further information, call (412) 624-6950. To receive an application for admission, call Nursing Student Services at (412) 624-4586 or 1-888-747-0794. You can also visit the School of Nursing Web site at http://www.nursing.pitt.edu or E-mail at nursao@pitt.edu.

PSYCHIATRIC PRIMARY CARE NURSE PRACTITIONER CURRICULUM

The 51-credit curriculum consists of 18 master’s core credits, 11 credits of primary care clinical management education, 16 credits in the specialty and other cognates, and six elective credits. The sequence of courses is planned to provide the best opportunity for a logical building of the clinical decision-making skill necessary to function as a PPCNP. Specifically, health promotion, pathophysiology, pharmacology, and physical diagnosis are seen as foundational. Building on this foundation, the student generates a knowledge base of adult physical diagnosis and management of acute and chronic primary health care needs/problems. Neurobiology and psychopharmacology serve as a
transition between general primary health care and specialized psychiatric nursing skills. Along with the nursing focus on full care provision ranging from mental health promotion to illness rehabilitation, the PPCNP role also involves interventions that encompass psychobiologic diagnosis and treatment. In addition, emphasis is placed on psychotherapies for these individuals and their families to promote mental health and prevent subsequent mental disorders. Clinical experiences are designed so that students provide comprehensive management to psychiatric clients, including both physical and psychiatric care. Culminating clinical management practica provide students with the opportunity to synthesize and integrate concepts from primary health care with their psychiatric knowledge base.

A sample full-time PPCNP curriculum follows:

**Fall Term (YR 1) – 14 credits**
Health Promotion (NUR 2003)
Pathophysiology (NUR 2004)
Physical Diagnosis (NUR 2016)
Mgmt: Women’s Health (NURHPD 2523)
Elective I

**Spring Term (YR 1) – 12 credits**
Pharmacology (PHARM 2002)
Neurobiology of Psychiatric Disorders (NURHCS 2320) (NURHPD 2503)
Mgmt: Adult Acute/Chronic PMH Practicum I (NURHCS 2303)
Mgmt: Adult Acute/Chronic Theory II (NURHPD 2514)

**Summer Term (YR 1) – seven credits**
Psychiatric Diagnosis Theory (NURHCS 2330)
Psychiatric Diagnosis Practicum (NURHCS 2331)
Elective II

**Fall Term (YR 2) – 10 credits**
Nursing Theory and Research (NUR 2001)
Psychopharmacology (NURHCS 2325)
Mgmt of Acute and Episodic Health Problems of Psychiatric Clients (NURHCS 2341)
Mgmt Practicum Acute & Health Episodic Problems of Psych. Clients (NURHCS 2341)

**Spring Term (YR 2) – nine credits**
Research Practicum (NUR 2002)
Mgmt of Chronic Health Problems of Psychiatric Clients (NURHCS 2345)
Mgmt Practicum Chronic Health Problems of Psychiatric Clients (NURHCS 2346)
PPCNP Role Seminar (NUR 2027)

**PSYCHIATRIC PRIMARY CARE NURSE PRACTITIONER COURSE LISTINGS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2021</td>
<td>Physical Diagnosis</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NURHPD 2523</td>
<td>Management Women’s Health I</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2320</td>
<td>Neurobiology of Psychiatric Disorders</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2503</td>
<td>Mgmt: Adult Acute/Chronic I Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2303</td>
<td>Mgmt: Adult Acute/Chronic PMH Practicum I</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHPD 2514</td>
<td>Mgmt: Adult Acute/Chronic II Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2314</td>
<td>Mgmt: Adult Acute/Chronic PMH Practicum II</td>
<td>1 cr.</td>
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<tr>
<td>NURHCS 2330</td>
<td>Psychiatric Diagnosis Theory</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2331</td>
<td>Psychiatric Diagnosis Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 225</td>
<td>Psychopharmacology</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2340</td>
<td>Mgmt of Acute &amp; Episodic Health Problems of Psychiatric Clients</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2341</td>
<td>Mgmt Practicum Acute and Episodic Health Problems of Psychiatric Clients</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2345</td>
<td>Mgmt of Chronic Health Problems of Psych. Clients</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2346</td>
<td>Mgmt Practicum Chronic Health Problems of Psychiatric Clients</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2027</td>
<td>PPCNP Role Seminar</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

**HEALTH AND COMMUNITY SYSTEMS MAJOR: NURSING ADMINISTRATION**

The Nursing Administration area of concentration prepares nurses to function in managerial positions in a variety of health care settings. The program builds on the student’s experiences in staff nursing and increases the conceptual, interpersonal, and technical skill required in health care management and administration. Through a variety of experiences in the classroom and in practica, students have an opportunity to observe, apply, analyze, and discuss administrative processes and skills relevant to nursing. The program also stresses the development of leadership in nursing and in health care administration. Faculty expertise and research include health care outcomes, executive administration, organizational theory, case management, and professional communication.

**NURSING ADMINISTRATION APPLICANT REQUIREMENTS**
The program accepts students from a wide variety of backgrounds and with a variety of career goals. Applicants should have a BSN and one year of nursing experience. Registered nurses who do not have a BSN may enroll in this program through the RN to MSN option. For further information, contact (412) 624-5872. To receive an application packet, please call Student Services at (412) 624-4586 or 1 (888) 747-0794.

**NURSING ADMINISTRATION CURRICULUM**
The Nursing Administration area of concentration is a 40-credit program that can be completed on a full- or part-time basis. An 18-credit core serves as the basis for increasing the student’s knowledge of nursing theory, use of technology, and health care outcomes. The Nursing Administration cognates include 12 credits in finance, organizational theory, and health care policy. Options for electives include course work in finance, information systems, human resources, marketing, economics, policy, research, project/case management, leadership, managed care, or health and information systems. This program includes eight credits of practica designed to increase the student’s skills in all phases of the administrative role. The Integrative Practicum (two credits) is designed as a capstone course during which the student designs and implements a resource utilization project under the direction of a preceptor.

Curriculum requirements can be met through a variety of courses offered through the University of Pittsburgh Graduate School of Public Health, the Katz School of Business or at Carnegie Mellon’s Heinz School of Public Management. The Nursing Administration Program offers flexibility in course selection and focus in the role while maintaining rigor. Students confer with their advisor to develop a curriculum plan that best suits their needs and career trajectory.

A sample curriculum follows:

**Fall Term (YR 1) – nine credits**
Organizational/Management Theory (NUR 2062)
Health Policy (NSADM 2135)
Financial Management in Healthcare Organizations (HSADM 2513)
**Spring Term (YR 1) – nine credits**
Nursing Informatics (NUR 2076)
Health Care Outcomes (NUR 2090)
Admin. Seminar and Practicum (NURHCS 2371)

**Summer Term (YR 1) – six credits**
Research Practicum (NUR 2002)
Elective

**Fall Term (YR 2) – eight credits**
Administration Seminar and Practicum II (NURHCS 2372)
Electives

**Spring Term (YR 2) – eight credits**
Administration Seminar and Practicum III (NURHCS 2373)
Electives

The student is encouraged to take one to two elective courses from each of at least three categories. Courses are selected with approval of advisor from the following categories:

- Finance
- Information Systems
- Human Resources
- Marketing
- Health Economics
- Health Policy
- Research
- Project/Case Management
- Leadership
- Managed Care
- Health Systems

**NURSING ADMINISTRATION COURSE LISTINGS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NUR 2062</td>
<td>Organizational Theory and Systems Analysis</td>
<td>3 cr.</td>
</tr>
<tr>
<td>HSADM 2135</td>
<td>Health Policy</td>
<td>2 cr.</td>
</tr>
<tr>
<td>HSADM 2513</td>
<td>Financial Management in Healthcare Organizations</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2076</td>
<td>Nursing Informatics 2</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2090</td>
<td>Health Care Outcomes</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NURHCS 2371</td>
<td>Nursing Administration Seminar and Practicum I</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2002</td>
<td>Research Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NURHCS 2372</td>
<td>Nursing Administration Seminar and Practicum II</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NURHCS 2373</td>
<td>Nursing Administration Seminar and Practicum III</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

**HEALTH AND COMMUNITY SYSTEMS MAJOR: NURSING ADMINISTRATION**

The Nursing Education area of concentration prepares nurses to teach in schools of nursing, hospital education settings, and patient education programs. The curriculum emphasizes the development of nurses’ expertise in teaching clinical nursing. Through a variety of experiences in the classroom and in practice, students have an opportunity to apply theories of instruction and to teach content to nursing students, to practicing nurses, or to patients. The program also stresses the development of leadership in nursing. Faculty expertise and research include patient education, curriculum, and management and evaluation of nursing education programs.

Students will also be able to choose an area of focus based on their experience and career trajectory. Since the Nurse Educator will need an increased level of expertise in patient management theory, the content is provided through the theory portion of the nurse practitioner classes. Examples of these areas of nursing specialty may include Women’s Health, Acute Care, Pediatrics or Psychiatric Nursing. Courses are selected in association with the academic advisor and are approved by an advising committee.

**NURSING EDUCATION APPLICANT REQUIREMENTS**
The program accepts students from a wide variety of backgrounds and with a variety of career goals. Applicants should have a BSN and one year of nursing experience. Registered nurses who do not have a BSN may enroll in this program through the RN to MSN option. For further information, contact (412) 624-5872. To receive an application packet, please call Student Services at (412) 624-4586 or 1 (888) 747-0794.

**NURSING EDUCATION CURRICULUM**
The Nursing Education area of concentration is a 40-credit program that can be completed on a full- or part-time basis. An 18-credit core serves as the basis for increasing the students' knowledge of nursing theory, science, use of technology, and outcomes of care. The cognates include theory in curriculum development, measurement and evaluation, design of instruction and the management of clinical teaching. Courses designed to increase the scientific basis of nursing practice are also included. Culminating practica provide students with opportunities to apply all of this content in a variety of setting and to a variety of audiences. Electives are chosen based on students’ backgrounds and career goals.

A sample of a Nursing Education curriculum (with an focus on women’s health) follows:

**Fall Term (YR 1) – 10 credits**
Pathophysiology (NUR 2004)
Research/Theory (NUR 2001)
Women’s Health I (NURHPD 2523)

**Spring Term (YR 1) – nine credits**
Pharmacology in Nursing (PHARM 2000)
Design and Process of Instruction (NUR 2071)
Nursing Informatics (NUR 2076)

**Summer Term (YR 1) – seven credits**
Research Practicum (NUR 2002)
Measurement and Evaluation (NUR 2072)
Women’s Health II (NURHPD 2580)

**Fall Term (YR 2) – eight credits**
Education Practicum I (NUR 2073)
Electives

**Spring Term (YR 2) – six credits**
Education Practicum II (NUR 2074)
Health Care Outcomes (NUR 2090)

**NURSING EDUCATION COURSE LISTINGS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2004</td>
<td>Pathophysiology</td>
<td>4 cr.</td>
</tr>
<tr>
<td>NUR 2001</td>
<td>Nursing Theory and Research</td>
<td>4 cr.</td>
</tr>
<tr>
<td>NURHPD 2523</td>
<td>Management Women’s Health 1</td>
<td>2 cr.</td>
</tr>
<tr>
<td>PHARM 2000</td>
<td>Pharmacology in Nursing</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2071</td>
<td>Design and Process of Instruction</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2076</td>
<td>Nursing Informatics 2</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2002</td>
<td>Research Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2072</td>
<td>Measurement and Evaluation</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>
HEALTH AND COMMUNITY SYSTEMS MAJOR: NURSING RESEARCH

The Nursing Research area of concentration prepares nurses to conduct and coordinate clinical research. The curriculum emphasizes the development of nurses’ expertise in clinical research. Through a variety of experiences in the classroom and in practica, students have an opportunity to apply principles to the management of clinical research studies. The program also stresses the development of leadership in nursing. Nurses in clinical research are involved in many phases of the research process: as project managers, consultants, educators, or adverse event coordinators.

NURSING RESEARCH APPLICANT REQUIREMENTS

The program accepts students from a wide variety of backgrounds and with a career of goals. Applicants should have a BSN and one year of nursing experience. Registered nurses who do not have a BSN may enroll in this program through the RN to MSN option. For further information, contact (412) 624-5872. To receive an application packet, please call Student Services at (412) 624-4586 or 1 (888) 747-0794.

NURSING RESEARCH CURRICULUM

The Nursing Research area of concentration is a 40-credit program that can be completed on a full- or part-time basis. An 18-credit core serves as the basis for increasing the students’ knowledge of nursing theory, use of technology, and healthcare outcomes. The Research Cognates include coursework in statistics, research computing, coordinating clinical trials, and professional communication. Electives are chosen to enhance the student’s scientific basis, and might include courses such as statistics, case management, or organizational theories. Curriculum requirements can be met through a variety of courses offered through the University of Pittsburgh School of Nursing and the Graduate School of Public Health. Graduates are eligible to take a certification examination from a number of certifying organizations. The Nursing Research Program offers flexibility in course selection and focus in the role while maintaining rigor. Students confer with their advisor to develop a curriculum plan that best suits their needs and career trajectory.

A sample Nursing Research curriculum follows:

<table>
<thead>
<tr>
<th>Fall Term (YR 1) – 10 credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Research/Theory (NUR 2001)</td>
<td>4 cr.</td>
</tr>
<tr>
<td>Statistics (PSYED 2014)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Elective</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Term (YR 1) – eight credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Informatics II (NUR 2076)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Health Care Outcomes Clinical Trials (NUR 2090)</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Term (YR 1) – seven credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Practicum (NUR 2002)</td>
<td>2 cr.</td>
</tr>
<tr>
<td>Professional Communication (NUR 2030)</td>
<td>2 cr.</td>
</tr>
<tr>
<td>Elective</td>
<td>2 cr.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall Term (YR 2) – nine credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Practicum I (NUR 2050)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>(Pre-Doc Application)</td>
<td>3 cr.</td>
</tr>
<tr>
<td>Research Computing (NUR 2077)</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

NURSING RESEARCH COURSE LISTINGS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2001</td>
<td>Nursing Theory and Research</td>
<td>4 cr.</td>
</tr>
<tr>
<td>PSYED 2014</td>
<td>Statistics</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2076</td>
<td>Nursing Informatics II</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2090</td>
<td>Healthcare Outcomes</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2800</td>
<td>Coordinating Clinical Trials</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2002</td>
<td>Research Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2030</td>
<td>Professional Communications</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2050</td>
<td>Research Practicum - Pre-Doctoral Application</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2077</td>
<td>Research Computing</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2051</td>
<td>Research Practicum II - Pilot Design</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

HEALTH AND COMMUNITY SYSTEMS MAJOR: NURSING INFORMATICS

The Nursing Informatics area of concentration prepares nurses to focus on the structure and process of nursing information as it supports the practice of nursing. This program has been designed to build on the student’s pre-existing clinical expertise. Nursing Informatics is a combination of computer science, information science, and nursing science. It includes the development, analysis, and evaluation of systems, augmented by technology, that support, enhance, and manage patient care. In classroom and in practica, students have an opportunity to observe, apply, analyze, and discuss processes and skills relevant to nursing informatics. The program also stresses the development of leadership in nursing. Career opportunities for graduates of this specialty are numerous. Informatics nurses are involved in practice, education, research administration, and consultation and can work in either public, private, or corporate settings.

NURSING INFORMATICS APPLICANT REQUIREMENTS

The program accepts students from a wide variety of backgrounds and with a career goal. Applicants should have a BSN and one year of nursing experience. Registered nurses who do not have a BSN may enroll in this program through the RN to MSN option. For further information, contact (412) 624-5872. To receive an application packet, please call Student Services at (412) 624-4586 or 1 (888) 747-0794.

NURSING INFORMATICS CURRICULUM

Nursing Informatics is a 40-credit program that can be completed on a full- or part-time basis. An 18-credit core serves as the basis for increasing the student’s knowledge of nursing theory, use of technology, and healthcare outcomes. The Informatics Cognates include course work in systems analysis, data analysis, database management, project management, human factors, and issues, practices and trends. It is strongly suggested that electives be chosen from the following areas: finance, personnel management, computer science, statistics, case management, or organizational theories. Practica are designed to enhance the student’s skills in all phases of the informatics role. Graduates are eligible to take the certification examination for Nursing Informatics through the American Nurses Association.

Curriculum requirements can be met through a variety of courses offered through the University of Pittsburgh Graduate School of Public Health, the Katz School of Business or at Carnegie Mellon’s Heinz School of Public Management. The Nursing Informatics Program offers flexibility in course selection and focus in the role while maintaining rigor. Students
confer with their advisor to develop a curriculum plan that best suits their needs and career trajectory. A sample curriculum follows:

**Core Courses: 18 Credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2001</td>
<td>Nursing Theory and Research</td>
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<tr>
<td>NUR 2002</td>
<td>Research Practicum</td>
</tr>
<tr>
<td>NUR 2090</td>
<td>Health Care Outcomes</td>
</tr>
<tr>
<td>NUR 2076</td>
<td>Clinical Informatics II</td>
</tr>
<tr>
<td>NUR 2085</td>
<td>Nursing Informatics Seminar and Practicum I</td>
</tr>
<tr>
<td>NUR 2086</td>
<td>Nursing Informatics Seminar and Practicum II</td>
</tr>
</tbody>
</table>

**Cognates: Choose one from each area and one additional course from one area (courses are 1.5-3 credits)**

- **SYSTEMS ANALYSIS**
  - HCPM 90-738 Analysis and Design of Information Systems
  - HCPM 90-853 Health Care Information Systems
  - HCPM 90-739 System Synthesis I
  - HCPM 90-731 Operations Analysis and Control
  - HCPM 90-831 Health Management Systems
  - ISSP 2015 Introduction to Medical Informatics
  - ISSP 20600 Clinical Information Systems
  - HRS 2420 Introduction to Health Information Systems
  - HRS 2428 Health Information Systems Implementation and Management
  - BMIS 2410 Information Systems
  - BMIS 2515 Decision Support Systems I & II
  - BMIS 2521 & 2522 Systems Analysis and Design I & II

- **DATA ANALYSIS**
  - HCPM 90-711 Empirical Methods for Public Policy and Management
  - HCPM 90-801 Data Analysis for Managers
  - ISSP 2070 Evaluation Methods for Clinical Informatics

- **DATABASE MANAGEMENT**
  - HCPM 90-728 Management Information Systems
  - HCPM 90-746 Database Management
  - HCPM 90-802 Information Systems for Managers
  - HRS 2424 Database Management in Health Care
  - BMIS 2523 & 2524 Database Management I & II

- **HUMAN FACTORS**
  - NFSCI 1044 Human Factors in System Design
  - BMIS 2545
  & 2546 Human and Computer Interaction I & II

- **ISSUES, PRACTICES, AND TRENDS**
  - HCPM 90-873 Management of Computer and Information Systems
  - HCPM 90-741 Computing and Organization
  - BMIS 2525 Current Issues in Computing

- **PROJECT PLANNING**
  - HCPM 90-837 Health Project Planning and Management
  - HCPM 90-728 Management Information Systems
  - BMIS 2530 & 2531 Project Management I & II
  - Electives:
    - Finance
    - Organizational Theory
    - Personnel Management
    - Case Management
    - Statistics
    - Computer Science

**NURSING INFORMATICS COURSE LISTINGS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 2001</td>
<td>Nursing Theory and Research</td>
<td>4 cr.</td>
</tr>
<tr>
<td>NUR 2002</td>
<td>Research Practicum</td>
<td>2 cr.</td>
</tr>
<tr>
<td>NUR 2090</td>
<td>Health Care Outcomes</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2076</td>
<td>Nursing Informatics II</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2085</td>
<td>Nursing Informatics Seminar and Practicum I</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 2086</td>
<td>Nursing Informatics Seminar and Practicum II</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>

**DOCTORAL PROGRAM DESCRIPTION**

The doctoral program provides a coherent series of courses, seminars, and discussions designed to develop in the student a mature understanding of content, methods, and values of the discipline of nursing and its relation to other fields. The curriculum includes courses in history and philosophy of science, nursing theory application, the structure of nursing knowledge, and issues influencing leadership in nursing and health. Additional courses include advanced statistics, quantitative/qualitative and advanced quantitative research methods, research methodologies, instrumentation, and several research practica with experienced research mentors. Students work with faculty nurse researchers and researchers in other disciplines. The dissertation is the culminating requirement in the course of study.

Research interests and expertise of doctoral program faculty reflect a diversity of educational backgrounds and research experience. Early in the program, the student selects an area of research emphasis. This research interest must match a faculty member’s research emphasis. The research emphasis areas are in keeping with the goals and mission of the University, its resources and cooperating agencies, and with the expertise of the School of Nursing doctoral faculty.

The student also selects 12 credits of cognate study outside the School of Nursing. Courses may be taken in more than one department or school. This focal concentration is chosen to strengthen research competence by developing and enhancing the understanding of essential knowledge from related fields applicable to the area of study in nursing. Examples of such focal areas are research methodology, physiology, epidemiology, and child development.

**ADMISSION TO THE DOCTORAL PROGRAM**

Admission to the doctoral program is assessed through interviews, references, standardized testing, and a written statement of goals. Documentation of academic success and achievement of suitable scores on the Graduate Record Examination (GRE) are necessary. The
application materials are assembled by the applicant. Once all materials are received, they are reviewed by the Doctoral Program Coordinator. An interview is arranged with faculty who match the applicant's research interests. After the interview, the PhD Council votes to determine whether the applicant should be admitted to the program or not. Admissions are rolling with no due date necessary for receipt of the application.

Prerequisites to the advanced statistical courses in the curriculum plan are two parametric statistical courses, which are to prepare the student in descriptive and inferential statistical analysis. If the student does not possess such statistics background when entering the program, then the parametric statistics sequences offered in the Department of Biostatistics (BIOSTAT 2041 and BIOSTAT 2042, or PSYED 2014, 2015, and 2016) should be taken and completed with a minimum of a B grade. Students may fulfill these prerequisites at other universities. An evaluation of the content of a course taken elsewhere must be made by the Coordinator of the Doctoral Program to determine its comparability with the prerequisite knowledge base needed by all students. Prerequisite statistics course work can be reinforced by attending additional required courses during the student’s doctoral program: a three-credit course in regression analysis (BIOSTAT 2049 or PSYED 3410) and a three-credit course in a specialty concentration of advanced statistics. The doctoral faculty strongly recommends that students develop knowledge of and experience with word processing, database management, and computerized literature searches prior to applying to the doctoral program.

LENGTH OF PROGRAM

The post-master’s full-time student may complete the program in eight terms of study (64 credits minimum) depending upon the nature and complexity of research for the dissertation. The part-time student may complete the program in four to six years. The statute of limitations for completion of the program is eight consecutive calendar years from the first term of registration for credits that are in the required curriculum plan for the doctoral degree. (See Statute of Limitation/Leaves of Absence in the front section of this bulletin, on page 26, for more information.)

SAMPLE CURRICULUM DESIGN: POST-MASTER’S TO PhD PROGRAM

Detailed below is a sample post-master’s degree curriculum for a doctoral student in the School of Nursing:

**Summer Term (YR 1)**
- NUR 3110 Research Instrumentation 3 cr.
- NUR 3023 Research Practicum 2: Pilot Design 3 cr.
- Cognate 3 cr.

**Fall Term (YR 2)**
- NUR 3040 Research Emphasis Seminar 3 cr.
- NUR 3052 Research Practicum 3: Manuscript Development 3 cr.
- Cognate 3 cr.

**Spring Term (YR 2)**
- PSY ED 3413 Nonparametric Statistics 3 cr.
- NUR 3115 Advanced Quantitative Methods in Nursing Research 3 cr.
- Cognate 3 cr.

**Summer Term (YR 2)**
- NUR 3010 PhD Dissertation 9 cr.

**Fall Term (YR 3)**
- NUR 3010 PhD Dissertation 3 cr.

**Spring Term (YR 3)**
- NUR 3010 PhD Dissertation 9 cr.

PRELIMINARY AND COMPREHENSIVE EXAMINATIONS AND DISSERTATION OVERVIEW

The preliminary examination is taken following the completion of no less than 18 but no more than 24 credits of required course work. The examination is designed to assess the student’s breadth of knowledge of the discipline of nursing and potential ability to apply research methods independently. Additional course work may be required if deficiencies are identified that may impede the student’s success in program completion.

The comprehensive examination assesses the student’s mastery of the general field of doctoral study, acquisition of depth and breadth of knowledge in a focused area of study, and the ability to use the research methods of the discipline. The comprehensive examination is taken after completion of all required course work.

The dissertation overview requires the student to formulate a research plan and to justify the selected approach for studying the topic before the student’s dissertation committee.

DISSERTATION COMMITTEE

After completing the comprehensive examination and before admission to candidacy for the degree of Doctor of Philosophy, the student and research advisor propose, subject to approval by the Coordinator of the Doctoral Program and the Dean, a committee of four or more members, one of whom must be from another school within the
University and the majority of whom must be from the School of Nursing. A majority must also be full members of the Graduate Faculty of the University.

This dissertation committee has the responsibility to advise the student during the progress of the candidate’s research and has the authority to require high-quality research and/or the rewriting of any portion or of the entire dissertation. It conducts the final oral examination and determines whether the dissertation meets acceptable standards.

Meetings of the doctoral candidate and his/her dissertation committee must occur at least annually from the time the student gains admission to doctoral candidacy. During these meetings, the committee should assess the student’s progress toward the degree and discuss objectives for the following year and a timetable for completing degree requirements. It is the responsibility of the student to give the Doctoral Coordinator a summary of the meetings.

Membership of the doctoral committee may be changed whenever it is appropriate or necessary, subject to the approval of the department chair and the Dean.

See Doctoral Committee under Regulations Pertaining to Doctoral Degrees on page 24 of this bulletin.

ADMISSION TO CANDIDACY FOR THE DOCTORAL DEGREE

Admission to candidacy for the Doctor of Philosophy degree constitutes a promotion of the student to the most advanced stage of graduate study and provides formal approval to devote essentially exclusive attention to the research and the writing of the dissertation. To qualify for admission to candidacy, students must be in full graduate status, have satisfied the requirement of the preliminary evaluation, have completed formal course work with a minimum quality point average of 3.00, have passed the comprehensive examination, and have received approval of the proposed subject and plan through Dissertation Topic Approval by the PhD Council.

RESIDENCY REQUIREMENT

Students seeking the PhD degree are required to engage in a minimum of one term of full-time doctoral study (nine credits), which excludes any other employment except as approved by their departments. The doctoral student must notify the Doctoral Program Coordinator in writing the term that this occurs.

DISSERTATION AND ABSTRACT

The date and title of the dissertation defense must be submitted to the Doctoral Program Coordinator one month prior to the final defense. For definitions and detail on what constitutes an acceptable dissertation, please see Dissertation and Abstract under Regulations Pertaining to Doctoral Degrees on page 25 of this bulletin.

DOCTORAL PROGRAM COURSE LISTINGS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOETH 2658</td>
<td>Philosophy of Medicine</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3010</td>
<td>PhD Dissertation</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3016</td>
<td>Nursing Theory Development</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3020</td>
<td>Research Methods Quantitative</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3027</td>
<td>Seminar Structure of Nursing Knowledge</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3030</td>
<td>Research Development</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3040</td>
<td>Research Emphasis</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3049</td>
<td>Research Seminar</td>
<td>1 cr.</td>
</tr>
<tr>
<td>NUR 3050</td>
<td>Pre-Doc Practicum</td>
<td>3 cr., 1 seminar, 2 lab</td>
</tr>
<tr>
<td>NUR 3051</td>
<td>Pilot Design Practicum</td>
<td>3 cr., 1 seminar, 2 lab</td>
</tr>
<tr>
<td>NUR 3052</td>
<td>Article Practicum</td>
<td>3 cr., 1 seminar, 2 lab</td>
</tr>
<tr>
<td>NUR 3110</td>
<td>Research Instrumentation</td>
<td>3 cr.</td>
</tr>
<tr>
<td>NUR 3115</td>
<td>Advanced Quantitative Methods in Nursing Research</td>
<td>3 cr.</td>
</tr>
<tr>
<td>BIODET 2049</td>
<td>Applied Regression Analysis</td>
<td>3 cr.</td>
</tr>
<tr>
<td>PSYED 3410</td>
<td>Applied Regression Analysis</td>
<td>3 cr.</td>
</tr>
</tbody>
</table>
WILLA DOSWELL, Assistant Professor, Health Promotion & Development, PhD, New York University

PETER DRAUS, Assistant Professor, Health & Community Systems, EdD, University of Pittsburgh

JACQUELINE DUNBAR-JACOB, Professor, Health & Community Systems, PhD, Stanford University

SANDRA ENGBERG, Assistant Professor, Health Promotion & Development, PhD, University of Pittsburgh

JUDITH ERLEN, Professor, Health Promotion & Development, PhD, Texas Woman’s University

KAREN EVANCZUK, Assistant Professor, Health & Community Systems, PhD, University of Pittsburgh

DONNA FALSETTI, Instructor, Health Promotion & Development, MSN, University of Pittsburgh

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RICHARD HENKER, Assistant Professor, Acute & Tertiary Care, PhD, University of Washington

DEBRA HILTY, Clinical Instructor, Health Promotion & Development, MSN, University of Pittsburgh

M. CHRISTINE HINES, Assistant Professor, Health Promotion & Development, PhD, University of Louisville

LESLIE HOFFMAN, Professor, Acute & Tertiary Care, PhD, University of Pittsburgh

ROSEMARY HOFFMANN, Instructor, Acute & Tertiary Care, MSN, University of Pittsburgh

MARIYL HRAVN, Assistant Professor, Acute & Tertiary Care, PhD, University of Pittsburgh

LYNETTE JACK, Associate Professor, Health & Community Systems, PhD, University of Pittsburgh

MILDRED JONES, Assistant Professor, Acute & Tertiary Care, PhD, University of Pittsburgh

JUDITH KAUFMANN, Instructor, Health Promotion & Development, MSN, University of Pittsburgh

MARY KERR, Professor, Acute & Tertiary Care, PhD, Case Western Reserve University

SUZANNE KETCHEM, Instructor, Health Promotion & Development, MSN, University of Pittsburgh

JACQUELINE LAMB, Assistant Professor, Health Promotion & Development, PhD, University of Pittsburgh

JACQUELINE LEVER, Instructor, Health & Community Systems, MSN, University of Pittsburgh

JOSEPH LUCKE, Associate Professor, Health & Community Systems, PhD, Kansas University

KATHLEEN LUCKE, Assistant Professor, Assistant Dean, PhD, University of Maryland

KATHY MAGDIC, Instructor, Acute & Tertiary Care, MSN, University of Pittsburgh

JUDITH MATTHEWS, Assistant Professor, Health & Community Systems, PhD, University of Pittsburgh

ELAINE McHAFFIE, Instructor, Health Promotion & Development, MN, University of Pittsburgh

ANN MITCHELL, Assistant Professor, Health & Community Systems, PhD, University of Pittsburgh

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