Introduction

This edition of the Ithaca College graduate catalog is intended for the academic year, 2001-2002. It is produced only in on-line format. If you need any part of it printed, an Adobe Acrobat version is available for download and printing:

- **Introductory and admission information** (96KB)
- **Financial aid and academic information** (107KB)
- **Degree programs**
  - Business Administration (51KB)
  - Communications (54KB)
- **Exercise and Sport Sciences** (68KB)
- **Music** (95KB)
- **Occupational Therapy** (61KB)
- **Physical Therapy** (49KB)
- **Speech-Language Pathology and Audiology** (49KB)
- **Directory** of graduate faculty and administration (54KB)
- **Index** (37KB)

For information about any changes or updates, contact the Division of Graduate Studies or your graduate adviser.

Important Declarations

This publication provides detailed information about academic programs, financial aid, and academic rules and regulations. Every effort has been made to insure that the information is accurate and complete as of August 1, 2001. However, errors are possible and changes such as the addition or cancellation of courses may occur while the academic year is under way. The College reserves the right to correct errors in the catalog and to make changes in degree requirements, course offering regulations, and procedures as educational or financial considerations require. For up-to-date information, contact the appropriate department offices.

If requirements are changed, students may elect to comply with the new requirements or to remain under those by which they are governed at the time of the change. The choice must be declared in writing to the appropriate graduate chair.

Students who withdraw and are subsequently readmitted will be bound by program and degree requirements in force during the academic year in which they are readmitted.

If a student is called to active military duty during a semester, the College will apply, in full, any tuition paid for the semester during which the student is called, to any future semester in which he or she may return. Room and board refunds will be issued on a pro rata basis, consistent with current refund policy.

It is the policy of Ithaca College that discrimination on the grounds of age, disability, marital status, national origin, race, religion, sex, sexual orientation, or Vietnam veteran status will not exist in any activity, area, or operation of the College.

Ithaca College and its representatives on occasion take photographs for the College's use in print and electronic publications. This serves as public notice of the College's intent to do so and as a release to the College of permission to use such images as it deems fit. If you object to the use of your photograph, you have the right to withhold its release by filling out a form at the Office of the Registrar.

Contacting the College

**Division of Graduate Studies**
Ithaca College
111 Towers Concourse
Ithaca, NY 14850-7142
- Phone 607-274-3527
- Fax 607-274-1263
- E-mail gradstudies@ithaca.edu

**Division of Continuing Education and Summer Sessions**
Ithaca College
120 Towers Concourse
Ithaca, NY 14850-7141
- Phone 607-274-3143
- Fax 607-274-1263
- E-mail cces@ithaca.edu

**Graduate Program in Business - M.B.A.**
Ithaca College
430 Smiddy Hall
Ithaca, NY 14850-7252
- Phone 607-274-7308
- Fax 607-274-1152
- E-mail mba@ithaca.edu

**Graduate Program in Communication**
Ithaca College
360 Roy H. Park Hall
Ithaca, NY 14850-7252
- Phone 607-274-1025
- Fax 607-274-1664
- E-mail herndon@ithaca.edu

**Graduate Program in Exercise and Sport Sciences**
Ithaca College
Center for Health Sciences
Ithaca, NY 14850-7193
- Phone 607-274-3359
- Fax 607-274-1943
- E-mail sforzo@ithaca.edu

**Graduate Programs in Music**
Ithaca College
3322 Whalen Center
Ithaca, NY 14850-7240
- Phone 607-274-3157
- Fax 607-274-1727
- E-mail gradmusic@ithaca.edu

**Department of Occupational Therapy**
For information contact Office of Admission
Ithaca College
100 Job Hall
Ithaca, NY 14850-7020
- Phone 607-274-3124
- Fax 607-274-1900
- E-mail cdennis@ithaca.edu

**Department of Physical Therapy**
For information contact Office of Admission
Ithaca College
100 Job Hall
Ithaca, NY 14850-7020
- Phone 607-274-3124
- Fax 607-274-1900
- E-mail gradpt@ithaca.edu

**Graduate Programs in Speech-Language Pathology**
Ithaca College
301 Smiddy Hall
Ithaca, NY 14850-7020
- Phone 607-274-3248
- Fax 607-274-1137
- E-mail testut@ithaca.edu
## General Information

### Introduction
Graduate programs at Ithaca College provide advanced preparation in the fields of business, communications, music, exercise and sport sciences, occupational therapy, physical therapy, and speech-language pathology. These master's degree programs are based on the recognition that effective leadership in these and related fields requires additional knowledge and specialized skills beyond the baccalaureate level as well as understanding and competence in general education.

Graduate education at Ithaca College involves the attainment of both an extended and more sophisticated knowledge of a discipline. In the course of graduate study, students enhance their ability to apply new skills and information to ever more challenging professional situations. Graduate study in these disciplines fosters the qualities that characterize an educated person and professional worker --- logical interpretation of information, independent and constructive thought, intellectual initiative, and a reasoned approach to all problems and situations.

### History
An account of the development of the College since its founding in 1892 is given in the "History of Ithaca College." The College's graduate programs began in 1943 with establishment of a graduate studies department, primarily to prepare teachers for master's degrees in physical education and music education. That department evolved into the Division of Graduate Studies, currently offering 16 programs at the master's level.

The College has six major academic components --- the Division of Graduate Studies and the Schools of Business, Communications, Health Sciences and Human Performance, Humanities and Sciences, and Music. In addition, the Gerontology Institute, the Center for Teacher Education, and the Center for the Study of Culture, Race, and Ethnicity offer courses, programs, and degrees for undergraduates.

### The Campus and the City
Ithaca College is located in Ithaca, New York, a city of about 30,000 inhabitants in the heart of the Finger Lakes Region. For a summary of information about its location and constituents, see [Ithaca College General Information](#). Detailed facts and statistics may be seen in "Facts in Brief."

### Degree Programs
The following graduate degree programs are offered at Ithaca College. The numbers in parentheses are the Higher Education General Information Survey (HEGIS) classification codes.

- Master of Business Administration (0506)
- Master of Music in Business (0507)
- Master of Music in Composition (1004.10)
- Master of Music in Conducting (1004)
- Master of Music in Music Education (1004)
- Master of Music in Physical Education (1083)
- Master of Music in Performance (1004)
- Master of Music in Strings (1004)
- Master of Music in Suzuki Pedagogy (1004)
- Master of Music in Woodwinds (1004)
- Master of Science in Communications (0601)
- Master of Science in Exercise and Sport Sciences with Teacher Certification Option (0835)
- Master of Science in Music Education (0832)
- Master of Science in Occupational Therapy (1208)
- Master of Science in Physical Therapy (1212)
- Master of Science in Speech-Language Pathology (1220)
- Master of Science in Teachers of Speech and Hearing Handicapped (1085)

Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards. A graduate student should raise any questions about his or her program with the respective graduate chair.

### Second Major Field
With consultation and approval from the student's major adviser, a second major field may be listed on a student's transcript when 50% additional coursework is completed (e.g., 15 additional credits for programs requiring 30 credits for completion). A second major field does not lead to an additional degree or additional certification.

### Graduate Council
The Graduate Council determines and recommends to the provost and vice president of academic affairs policies and procedures in the general administration and conduct of the graduate program, including approval of the members of the graduate faculty. The council is responsible for reviewing and recommending curricula, determining the eligibility of candidates for degrees, and prescribing the conditions on which degrees are awarded.

Membership of the Graduate Council includes the dean of graduate studies who chairs the council, deans of schools offering graduate programs, the registrar, the director of continuing education and summer sessions, the chair of each graduate program, and one student representative from each graduate program. Student representatives serve terms of one year, but may be reappointed. The registrar and the director of continuing education and summer sessions serve the council as ex officio nonvoting members.

### Student Responsibilities
A student's behavior must not interfere with the activities of the College or with the pursuit by other students of educational objectives. Any behavior on the part of individual students or groups that endangers the health or safety of the College community will not be tolerated. Standards of conduct designed to protect the rights of all members of the College community and preserve the functioning of the College as an educational institution are published in appropriate College documents, such as the “[Student Conduct Code](#)” in the Student Handbook.
Accreditations and Affiliations

All-College
Accreditations
- Middle States Association of Colleges and Schools
- New York State Education Department

Affiliations
- American Association of Higher Education
- American Council on Education
- Association of American Colleges
- Association of Governing Boards of Universities and Colleges
- Commission on Independent Colleges and Universities
- Institute of International Education
- Mid-Atlantic Association of Schools
- National Association of Foreign Student Affairs
- New York Library Association
- South Central Research Library Council

School of Business
Accreditations
- Certified Public Accountancy Board of Examiners of the State of New York

Affiliations
- AACSB — The International Association for Management Education
- Academy of Management
- American Marketing Association
- Financial Management Association
- Institute of Management Accountants

Roy H. Park School of Communications
Affiliations
- American Advertising Federation
- Associated College Press
- Association for Education in Journalism and Mass Communication
- Association for Educational Communications and Technology
- Broadcast Education Association
- Columbia Scholastic Press Association
- International Television Association
- National Association of Broadcasters
- National Broadcasting Society/Alpha Epsilon Rho
- Public Relations Society of America
- Society of Professional Journalists
- University Film and Video Association

School of Health Sciences and Human Performance
Accreditations
- American Health Information Management Association
- American Medical Association's Committee on Allied Health Education and Accreditation
- American Physical Therapy Association
- Educational Standards Board of the American Speech-Language-Hearing Association
- National Athletic Trainers Association
- National Recreation and Parks Association/American Association for Leisure and Recreation

Affiliations
- American Alliance for Health, Physical Education, Recreation, and Dance
- American College Health Association
- American Occupational Therapy Association
- American Speech-Language-Hearing Association
- Association for Gerontology in Higher Education
- Association of Schools of Allied Health Professions
- Association of University Programs in Health Administration

School of Music
Accreditations
- The School of Music is an accredited institutional member of the National Association of Schools of Music

Center for Teacher Education
Affiliations
- Association of Teacher Educators
- New York State Association of Teacher Educators

Office of Graduate Studies and Continuing Education
Affiliations
- American Association for Adult and Continuing Education
- Council of Graduate Schools
- North American Association of Summer Sessions
- Northeastern Association of Graduate Admissions Professionals
- Northeastern Association of Graduate Schools

Academic Resources

Library
The College's library, open more than 100 hours a week, contains half a million holdings in books, periodicals, records, and microforms in addition to its electronic and on-line resources. The library's catalog is easily accessible on-line, and the interlibrary loan system makes even more resources available. Through the South Central Research Library Council and OCLC, the library has access to over 17,000 libraries in the United States and abroad. In addition, the library's Web page presents many lists of national and international electronic resources and links that support the College's programs.

Reference librarians are available to show students and faculty how to use various print references as well as the Internet and the latest electronic indexing and abstracting services. They can also recommend appropriate materials and research strategies. A one-credit course, Library Resources and Methods of Research, introduces students to the organization, arrangement, and efficient use of library materials.

The multimedia services center maintains videos, films, laser discs, interactive media, and educational software developed commercially or by faculty and staff at the College.
Academic Computing and Client Services

Academic Computing and Client Services (ACCS) maintains an extensive collection of programming languages, data-analysis packages, and business programs to support the curriculum. Networked microcomputers, both Macintosh and Windows, are available in 30 facilities across campus. One lab is open 24 hours a day, and the rest are open from early morning to late at night throughout the fall and spring semesters. Laboratories are staffed by student consultants skilled at helping people use the computers.

All Ithaca College undergraduate and graduate students receive free accounts on the College computer system for access to the Ithaca College Information Services (ICIS) --- a friendly, menu-driven system for sending and receiving e-mail, accessing the library's on-line catalog services and the worldwide Internet. Students can access these computer resources via modem, as well as from labs located throughout the campus.

The Ithaca College home page (http://www.ithaca.edu) serves as a campus-wide information system with links to information about the College, courses, class notes, current activities, and other related information.

The ACCS staff consists of a director and six full-time professionals. Members of the staff provide free workshops and consulting services to Ithaca College students and faculty. The main office is located in Muller 102 and can be reached by telephone at 607 274-3030.
Admission Information

Admission Categories

Degree Candidate (Matriculated)

General admission to a degree program as a degree candidate is granted to applicants who have a good undergraduate scholastic record (a 3.0 average on the 4.0 system is generally considered sufficient) and have received a baccalaureate degree from an accredited college or technical school. In addition to degree-specific requirements, all applicants for a music degree must complete a satisfactory audition or taped performance. Students entering the graduate programs in physical therapy and occupational therapy need not complete the application for admission to a graduate program; they are admitted directly from their prerequisite undergraduate programs at Ithaca College. External applicants (non-Ithaca College) are not considered for admission directly into these graduate programs.

Provisional (Non-matriculated)

Provisional is an enrollment status applicable to students who have not met the requirements and standards for matriculation. Students who have applied for graduate study and been accepted pending satisfactory completion of specific course deficiencies fall into this category. Also, students with less than an acceptable cumulative GPA as determined by the respective graduate program chair and the dean of graduate studies may be enrolled provisionally until they have completed, with a grade of B or better, the number of graduate credits stipulated by the respective graduate program chair.

Ithaca College seniors may take certain graduate courses (M.B.A. courses excluded) for undergraduate credit. They must have a cumulative GPA of 3.0 or better and have completed at least 90 credits; and they must obtain the approval of the instructor, the student's undergraduate adviser, the chair of the graduate program, the dean of the school, and the dean of graduate studies. Under exceptional circumstances, Ithaca College seniors may take certain graduate courses for graduate credit, provided they obtain the approvals previously specified. Courses taken for graduate credit do not count toward an undergraduate degree.

A maximum of 12 credits earned as a provisional student may be credited toward a graduate degree.

Extramural Students

Students who are not seeking advanced degrees or who are not admitted to degree programs may apply for enrollment in graduate courses as extramural students. This category requires a bachelor's degree from an accredited college and permission of the graduate chair. Registration is through the Division of Continuing Education and Summer Sessions.

In the M.B.A. program, extramural student status is granted for students who are degree candidates in good standing in other graduate programs provided that graduate credit earned in Ithaca College M.B.A. courses will be applied toward those degrees. This category requires a bachelor's degree from an accredited college, permission of the graduate chair, and a letter of endorsement from the chair of the graduate program in which the student is enrolled. Registration is through the Division of Continuing Education and Summer Sessions.

A maximum of 12 credits earned as an extramural student will be applied toward degree requirements. Extramural students are eligible to apply for matriculated status upon completion of a maximum of 12 graduate credits with a GPA of 3.0 (B) in these credits, provided that no more than one grade below B has been earned. These credits may be used to fulfill program requirements only if they are approved by the graduate committee of the major field. Credits earned more than three years before admission to a degree program will not apply to degree requirements.

Application Procedures

The following procedures must be completed by each applicant for admission to graduate studies, whether as a degree candidate or an extramural student.

Deadlines for application, transcripts, letters of recommendation, and, where appropriate, GRE scores are March 1 for the fall semester and December 1 for the spring semester. For speech-language pathology the deadline is February 1.

We admit students on a rolling admission basis. Applications are processed in the order they are received. Provided all application procedures are completed by the deadlines, applicants will be notified of their entrance status by the Division of Graduate Studies no later than June 15 for the fall semester and summer session and December 15 for the spring semester.

Application for admission to a degree program should be made on the appropriate form (see "Application Forms") and sent to the Division of Graduate Studies. A nonrefundable application fee of $40 must accompany the application form for degree candidacy.

Application for admission as an extramural student should be made on forms available from the Division of Continuing Education and Summer Sessions.

Transcripts

All applicants, including Ithaca College graduates, must arrange to have official transcripts of all completed work beyond secondary school sent directly to the Division of Graduate Studies.

Recommendations

Applicants for admission to a degree program must submit two academic recommendations directly to the Division of Graduate Studies. To apply for an assistantship (not available in the M.B.A. program), applicants must submit two additional recommendations evaluating prior work performance. Please see the application forms for specifics.

Recommendations for admission should be from persons able to comment on the student's academic capabilities (for example, former teachers and deans) and must be sent by those persons directly to the Division of Graduate Studies. Letters of recommendation may also be submitted in an official placement package sent directly to the Division of Graduate Studies by a college or university placement office.
Applicants for the M.M. program in composition should submit an initial screening videotape of a rehearsal or performance in music regarding the content of the audition or tape recording to be submitted. Applicants for the M.M. program in conducting are also required to submit a taped performance on their major instrument or voice. Contact the assistant graduate chair of Music should have an audition or submit a taped performance on their major instrument or voice. Contact the assistant graduate chair in music regarding the content of the audition or tape recording to be submitted. Applicants for the M.M. in performance who submit tapes may also be required to audition in person to demonstrate their recital potential.

Applicants for the M.M. program in conducting are also required to submit an initial screening videotape of a rehearsal or performance they conducted recently. The purpose of this tape is to aid in the assessment of conducting competence.

Applicants for the M.M. program in composition should submit representative scores and tapes in addition to a performance audition.

Applicants for the M.M. program in music theory must have an audition/ interview with faculty members from the department and produce evidence of ability and undergraduate preparation in music theory.

Special Information for International Applicants
Ithaca College encourages applications from international students and values the cultural diversity they bring to the campus community. The Office of International Programs provides cultural adjustment counseling, orientation to the United States, immigration assistance, and other support services.

Test of English as a Foreign Language
The TOEFL website (www.toefl.org) provides extensive information about the tests, including tutorials, practice questions, and access to required publications. Most publications can be downloaded or ordered on-line.

Applicants whose native language is not English are required to take the Test of English as a Foreign Language (TOEFL) by arrangement with the Educational Testing Service, unless there is other evidence of English language competence (for example, successful completion of intensive English training or graduation from an English-speaking college). The test scores must be reported directly by the testing organization to the admissions office at Ithaca College. A satisfactory command of English is essential for graduate study. TOEFL scores of 550 (213 on the computer version) and above on the three components of the examination will be considered satisfactory. The three components are listening comprehension, structure and written expression, and vocabulary and reading comprehension.

For those who do not have Internet access needed to obtain information on-line, the TOEFL Bulletin of Information and registration form can be obtained in a number of cities outside the United States. They often are available at American embassies and consulates, offices of the United States Information Service (USIS), United States educational commissions and foundations, and binational centers. They may be also be obtained by writing to Test of English as a Foreign Language, Box 899, Princeton, NJ 08540, U.S.A.

Ithaca College offers a four-week intensive ESL (English as a foreign language) class before the beginning of the fall semester. This noncredit course is designed to address the special needs of incoming international students who have studied English as a second or foreign language. It focuses on three main areas: development of speaking and listening skills, emphasis on academic skills (writing and research), and cultural introduction to the United States and the American educational system. For further information, contact Diana Dimitrova by phone (607-274-3306) or e-mail (ddimitrova@ithaca.edu).

Documents and Credentials
Before an international student can enroll at Ithaca College, the College's international student adviser must approve the student's visa eligibility and financial status. A financial statement and supporting documentation must be received by the Division of Graduate Studies at least eight weeks before the student expects to arrive in the United States. These documents must show that all educational expenses, including tuition, room, board, books, and international travel, can be fully met by the student, his/her family or a sponsor, and other sources of financial assistance for the duration of the student's stay in the United States. If a student is admitted and approval is granted, the student will be sent an I-20 form. Upon arrival on campus, he or she should report directly to the Office of International Programs.

All credentials issued in foreign languages, including transcripts and recommendations, must be accompanied by an official English language translation.

Application deadlines and fees --- all application materials for international students must be received by the following dates:

- Fall registration --- July 5
- Spring registration --- November 26
- Summer registration --- April 3
- M.B.A. applicants --- April 3

Continuing registration fee --- in order to comply with Immigration and Naturalization Service regulations, a fee of $50 is required of all international students for fall and spring semesters.
when they are not otherwise enrolled in coursework for credit. This fee will assure that international students maintain active status until their degree is completed.

**Health Center**

The Ithaca College J. David Hammond Center for Student Health Services functions 24 hours a day during the spring and fall semesters and is prepared to expedite the care of any illness or injury that may occur to matriculated students in the College. During the summer term, care is offered 8:00 a.m. to 6:00 p.m. The staff consists of full-time physicians, physician assistants, registered nurses, and support personnel.

The health center has received the accreditation of the Joint Commission on Accreditation of Healthcare Organizations for Ambulatory Care. It has a state-licensed clinical laboratory and X-ray department. There is a fee charged for medications, X rays, laboratory work, and other special treatments.

The Ithaca College student health service urges all patients to comply with treatment and will continue to educate students about the dangers of noncompliance. However, refusal of treatment will in no way affect the care or treatment given to the patient at any future date. A full statement of patients’ rights is posted at the health center.

A health and accident insurance policy is available to graduate students. This insurance covers students at all times from September 1 to September 1 of the following year and supplements the regular College health service.

For more information about insurance, inquire at the health center's business office.

**Expenses**

**Tuition and Fees**

Tuition is established each February for the coming academic year. Check with the Division of Graduate Studies for the current rate.

**Application fee** for degree candidate, new students only --- $40

**Room and board** --- no campus housing is available to graduate students during fall and spring semesters. Meal plans may be purchased at the time of registration. Summer housing is available for those who request it. Contact the Office of Residential Life.

**Graduation fee** --- a fee of $25 is required of all students who complete a master's degree at Ithaca College. The fee covers secretarial and clerical costs, degree clearance, and posting. It is to be paid when the graduate student files for the master's degree in the registrar's office.

**Continuing registration fee** --- in order to maintain active status until degree completion, a fee of $50 is required of all graduate students for fall and spring semesters when they are not otherwise enrolled in coursework for credit. For international students, active status must be documented to meet the requirements of the Immigration and Naturalization Service. Non-international students who designate their program as “summers only” will be required to pay a continuing registration fee every summer they do not register for courses. Students will be billed for the continuing registration fee and may not receive their degree until the fee is paid.

**Other Charges**

**Performance study fee** --- a fee (paid in addition to regular tuition) equal to one credit of the current graduate tuition rate will be charged in the fall and spring semesters for private instrument instruction.

**Books and supplies** --- cost varies with each program.

**Parking** --- graduate students can get a free student parking permit by applying to the Traffic Bureau.

**Payment Plans**

Tuition payment is due at registration. It may consist of

- Graduate scholarship (consult your award package)
- Ithaca College or employer tuition remission (please obtain necessary forms and approval letters in advance)
- Stafford student loans or TAP (applications must be approved through the Office of Financial Aid)
- Promissory note (forms available at the Division of Graduate Studies). This enables you to pay one-quarter of the balance at registration and the remainder in equal payments over the following three months.
- Payroll deduction of graduate appointment salary (forms available at payroll office or during the first two days of registration)
- Cash or check
- MasterCard or Visa payment

**General Regulations**

Students will not be allowed to register or attend classes until satisfactory payment has been made. Payment of previous semester charges must be completed before commencing a new semester. Student accounts must be settled before leaving the College. Diplomas and transcripts will be withheld from students whose accounts are in arrears for any reason, including nonpayment of tuition and fees, fines, medical charges, and loan repayments.
Assistantships and Scholarships

Graduate Assistantships
Ithaca College offers a limited number of graduate assistantships to full-time matriculated students in communications, exercise and sport sciences, music, and speech-language pathology. Accepted full-time matriculated students in a program leading to a master’s degree in one of these academic areas who have a minimum 3.00 undergraduate GPA are eligible to apply.

Application
Ordinarily, graduate assistantships are awarded for the fall and spring semesters of each academic year. However, if funds are available, graduate assistantships may also be awarded during the spring semester and summer sessions. Application materials for assistantships must be submitted to the dean of graduate studies before March 1. Two letters of recommendation addressing work-related and/or personal qualities must accompany each application for a graduate assistantship.

Tuition Scholarship, Graduate Appointment Salary
A graduate assistantship consists of two parts --- a tax-free scholarship and a taxable work-related salary. The graduate appointment salary will be paid through the College payroll system on a semimonthly basis from September 15 through May 15. The salary will not be paid until the student has completed the W-4 and I-9 forms, which will be available at registration. The recommendation for financial assistance originates with the respective graduate chair and is approved by the graduate dean.

Assistantship Responsibilities
The duties and responsibilities of each graduate assistant are arranged and supervised by the appropriate school or department. An average of up to 15 hours per week is normally required to fulfill a graduate assistant’s assigned duties on a full assistantship.

Graduate Scholarships
Ithaca College offers a limited number of graduate scholarships to full-time matriculated M.B.A. students. Scholarship awards range in amount from one-quarter tuition to full tuition, and are awarded on the basis of academic merit. Scholarships are tax-free.

Application
All applicants to the M.B.A. program are considered for scholarship awards, which are announced when students receive notice of admission to the program.

Credit and Load Requirements
Credit Limitations
Students must register for a minimum of 9 credits each semester during the academic year to maintain an assistantship (6 credits in the summer). Students with full assistantships may take a maximum of 12 credits per semester. Students with full graduate scholarships may take a maximum of 15 credits per semester.

Financial Aid

Full-Time Study
A full-time student is defined as one who takes 9 credits per regular semester. During the summer, enrollment in 6 credits is considered full time.

Full-time students on assistantships normally may not take more than 12 credits per semester. Full-time students on scholarships normally take 14 credits per semester. Exceptions should be requested in writing and require approval of the dean of graduate studies. Students with TAP awards must take 12 credits per semester, or 9 credits plus a graduate assistantship.

Financial Aid Applications
To apply for financial aid other than graduate assistantships, additional applications are required.

Free application for federal student aid (FAFSA) --- This form is required for the determination of eligibility for federal aid programs (e.g., Stafford or Perkins loans) but it has become a nearly universally required form in connection with financial aid. It is also required for physical therapy or occupational therapy majors wishing consideration for Ithaca College scholarships or grants as well as any student applying for New York State TAP.

Tuition Assistance Program (TAP) application --- Use this application if interested in applying only for TAP.

All applications (except the graduate student loan information application) may be obtained at high schools or by contacting the Ithaca College Office of Financial Aid. A pre-printed TAP application is sent to eligible students who list a New York State college on their FAFSA.

Students intending to enter Ithaca College in the fall should submit these applications by March 1.

Good Academic Standing
For purposes of determining a student’s eligibility for certain state and federal financial assistance, good academic standing is defined in terms of program pursuit and satisfactory academic progress, as follows:

Program pursuit --- To remain in good academic standing from the standpoint of program pursuit a student must receive passing, failing, or incomplete grades in a certain percentage of the minimum full-time course load for each term of study: 50% in the first year, 75% in the second year, and 100% in each year thereafter. Grades of W (withdrawal) can not be counted toward meeting these requirements.

Satisfactory academic progress --- To be in good academic standing from the standpoint of making satisfactory academic progress, a student must have earned at least the number of credits and the cumulative grade point average indicated by the beginning of the term of study shown in the table below. Students receiving TAP funds must complete the number of credits and attain the minimum grade point average noted below to remain eligible.
Ithaca College Scholarships and Grants

Ithaca College scholarships and grants are available to graduate business, physical therapy, and occupational therapy students only. A student must apply annually to the financial aid office before March 1. All recipients must demonstrate financial need. Financial need is determined by using information from the Department of Education via the FAFSA. Other criteria, such as academic performance or promise, special talents, or other characteristics that Ithaca College deems of value are considered for the Ithaca College scholarship program only. The FAFSA is due by March 1.

New York State TAP Program

The New York State Tuition Assistance Program is an entitlement program with neither a qualifying examination nor a limited number of awards. Eligible students may receive awards up to a maximum of $640, depending on their financial status. Detailed information on financial and academic eligibility criteria and on the amount of awards is available from any high school guidance office or college financial aid office. These offices also have the required forms.

Application for the TAP must be made annually to the New York State Higher Education Services Corporation (HESC), 99 Washington Avenue, Albany, NY 12255, no later than May 1 for the academic year. Students can apply for TAP by using the express TAP application (ETA). The ETA is generated by HESC and mailed to the student after the student files the free application for federal student aid (FAFSA). The FAFSA is available at any high school guidance office or college financial aid office.

TAP Awards

Schedule U --- For students who are dependent on their parents or who are financially independent and are married or have tax dependents. Maximum award $640 or 95% of tuition, whichever is less; minimum award $75.

<table>
<thead>
<tr>
<th>NYS net taxable income</th>
<th>Reduction in award</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,000 or less</td>
<td>0</td>
</tr>
<tr>
<td>2,001–20,000</td>
<td>7.7% of excess over $2,000</td>
</tr>
<tr>
<td>20,001 or more</td>
<td>No award</td>
</tr>
</tbody>
</table>

Schedule V --- For students who are financially independent, single, and without tax dependents. Maximum award $550 or 95% of tuition, whichever is less; minimum award $75.

<table>
<thead>
<tr>
<th>NYS net taxable income</th>
<th>Reduction in award</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000 or less</td>
<td>0</td>
</tr>
<tr>
<td>1,001–5,666</td>
<td>26% of excess over $1,000</td>
</tr>
<tr>
<td>5,667 or more</td>
<td>No award</td>
</tr>
</tbody>
</table>

Federal Programs

Federal Stafford Loans --- Subsidized

Selection of Recipients and Allocation of Awards

The federal Stafford loan program is an entitlement program in which all eligible applicants can obtain a loan. To be eligible for a Stafford loan, a student must: (1) be a U.S. citizen or permanent resident alien; (2) be enrolled at least half time, or accepted for enrollment in a degree, certificate, or other program leading to a recognized credential, or enrolled in a course of study necessary for enrollment in a degree or certificate program, approved college, university, or other postsecondary institution in the United States or in a foreign country; (3) not be in default or refund status for any federal Title IV program at any institution; (4) have been determined to be eligible or ineligible for a Pell Grant; (5) if applicable, be registered with the Selective Service System; (6) have a social security number; and (7) demonstrate financial need.

A federal “loan origination fee” equal to 3% of the amount of the loan will be deducted from the amount disbursed. An additional guarantee fee of up to 1% will also be deducted from the amount disbursed.

Funds may not be disbursed earlier than three days before the start of a semester. Loan proceeds are made in two disbursements, unless the loan period is one semester in length. Checks are made co-payable to the borrower and the institution. Some lenders participate in electronic fund transfer (EFT), which allows the funds to be directly deposited into your account.

Loan Schedule

As a graduate student, you may borrow a maximum of $8,500 per academic year. The aggregate limit, including any undergraduate federal Stafford loans, is $65,500. You are eligible for a full-interest subsidy during the time you are in school at least half time and for the following six-month grace period.

Responsibilities of Borrowers

A first-time borrower has an annual variable rate of the 91-day T-bill just prior to June 1, with the following additions: 1.7% during school, grace, and deferment periods; 2.3% during repayment. The rate cannot exceed 8.25%. Repayment begins six months after you cease to be enrolled at least half time.

Various deferments allowing postponement of payments are available depending on when the student received his or her first loan. For first-time borrowers on or after July 1, 1993, periods of deferment are limited to those (1) in school at least half time; (2) on graduate fellowship or rehabilitation training; (3) unemployed; or (4) in economic hardship. Contact the lender for specific information.

If you apply for more than one loan, application must be made to the lending institution where the original loan was made.

After ceasing to be at least a half-time student, you must make formal arrangements with the lending institution to begin repayment. The following regulations apply:

1. Income-sensitive, graduated payment, and income-contingent repayment plans are available to assist borrowers in meeting repayment obligations. Under unusual and extenuating circumstances, the lender may permit other payment arrangements.
2. The maximum repayment period is 10 years.
3. Repayment in whole or part may be made at any time without penalty.
4. Loans may be consolidated, resulting in longer repayment terms and smaller monthly payments.

**Federal Stafford Loans --- Unsubsidized**

**Selection of Recipients and Allocation of Awards**

Same as subsidized federal Stafford loans, except no demonstration of financial need is required. Available to students who may not qualify for subsidized Stafford loans or who qualify for only partial subsidized Stafford loans.

Loan origination and guarantee fees equal to 4% of the amount of the loan will be deducted from the amount disbursed.

**Award Schedule**

Same as subsidized federal Stafford loan. However, if the student is receiving the subsidized federal Stafford loan, the combination of the two loan programs cannot exceed the annual loan limit. The aggregate total is $73,000 for undergraduate and graduate study combined.

**Responsibilities of Borrowers**

Same as unsubsidized Stafford loans. However, the borrower is responsible for interest that accrues while he or she is in school. Interest may be capitalized.

**Federal Perkins Loans**

**Selection of Recipients and Allocation of Awards**

The applicant must: (1) be a U.S. citizen or eligible noncitizen; (2) be enrolled in an undergraduate, graduate, or first professional program as a matriculated student at an institution participating in the federal campus-based programs; (3) not be in default or refund status for any federal Title IV aid at any institution; (4) if applicable, be registered with the Selective Service System; and (5) demonstrate financial need as determined by submitting the free application for federal student aid (FAFSA).

**Award Schedule**

Same as subsidized federal Stafford loan. However, if the student is receiving the subsidized federal Stafford loan, the combination of the two loan programs cannot exceed the annual loan limit. The aggregate total is $73,000 for undergraduate and graduate study combined.

**Responsibilities of Borrowers**

Same as subsidized federal Stafford loans. However, the borrower is responsible for interest that accrues while he or she is in school. Interest may be capitalized.

**Federal Work-Study Program (FWS)**

The federal work-study program provides employment opportunities for students.

**Selection of Recipients and Allocation of Awards**

The applicant must (1) be a U.S. citizen or eligible noncitizen; (2) be enrolled in an undergraduate, graduate, or first-professional program as a matriculated student at an institution participating in the federal campus-based programs; (3) not be in default or refund status for any federal Title IV aid at any institution; (4) if applicable, be registered with the Selective Service System; and (5) demonstrate financial need as determined by submitting the free application for federal student aid (FAFSA).

**Award Schedule**

The College arranges jobs, on or off campus, with either public or not-for-profit agencies. You are encouraged to seek positions in community service areas. Factors considered by the financial aid office in determining whether, and for how many hours, you may work under this program include financial need, class schedule, academic progress, and your health status.

Level of salary must be at least the minimum wage. The maximum salary allowed depends on the nature of the job and your qualifications.

**Veterans Administration Benefits**

**Educational Assistance (GI Bill)**

Forms, information, and assistance in applying for benefits are available at all VA offices. Applicants approved for benefits by the Veterans Administration must process papers through the Ithaca College registrar’s office.

Current benefit rates may be obtained by writing to the New York State Division of Veterans Affairs, Veterans Counseling Center, 304 Babcock Hall, Ithaca, NY 14850, or calling 607-272-1084. Veterans enrolled half time or more may be entitled to a VA educational loan repayable after the veteran ceases to be a student. The granting of educational loans is based on financial need related directly to the cost of education.

**Vocational Rehabilitation**

This program is for disabled World War II, Korean conflict, post-Korean conflict, Vietnam era, and certain peacetime veterans. Detailed information is available from regional offices.

**Survivors and Dependents’ Education**

This program is for children, spouses, and other survivors of veterans whose death or permanent total disabilities were service-connected, and for spouses and children of service persons missing in action or prisoners of war.

**Refund Procedure**

Students attending Ithaca College who are receiving federal Title IV financial aid --- e.g., federal Stafford, or Perkins loans --- are
required to return the portion of unearned aid if they withdraw, do not register, or otherwise fail to complete the period of enrollment for which the Title IV aid was provided. The return of funds does not apply to any student whose date of withdrawal is beyond the 60% enrollment period for which the student has been charged. The last date of attendance is determined by the date the student began the College’s withdrawal process, the student’s last date of recorded attendance, or the midpoint of the semester for a student who leaves without notifying the College.

To determine the percentage of aid earned, divide the number of calendar days completed by the total calendar days in the enrollment period (excluding scheduled breaks of 5 days or more AND days that the student is on approved leave of absence).

Federal financial aid is returned to the program from which it was disbursed based on the percentage of unearned aid. To determine the percentage of unearned aid, subtract the percentage of aid earned from 100. The percentage of unearned aid is then multiplied by the amount of aid disbursed toward allowable institutional charges (e.g., tuition; room and board if living on campus).

To determine the percentage of aid earned, divide the number of calendar days completed by the total calendar days in the enrollment period (excluding scheduled breaks of 5 days or more AND days that the student is on approved leave of absence).

A refund schedule of tuition and room and board charges based on a 15-week semester is provided below.

<table>
<thead>
<tr>
<th>Week</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st week</td>
<td>100%</td>
</tr>
<tr>
<td>2nd week</td>
<td>85%</td>
</tr>
<tr>
<td>3rd week</td>
<td>70%</td>
</tr>
<tr>
<td>4th week</td>
<td>60%</td>
</tr>
<tr>
<td>5th week</td>
<td>50%</td>
</tr>
<tr>
<td>6th week</td>
<td>40%</td>
</tr>
<tr>
<td>7th week</td>
<td>30%</td>
</tr>
<tr>
<td>8th week</td>
<td>15%</td>
</tr>
<tr>
<td>9th week</td>
<td>0%</td>
</tr>
</tbody>
</table>

Please note that the above refund policy also applies to students who are not federal aid recipients. It also applies to the return of institutional aid. In the case of any student for whom it is determined that a return must be made to programs based on prorated charges, those funds will be returned in the following order: unsubsidized federal Stafford loan, subsidized federal Stafford loan, federal Perkins loan, and other Title IV aid programs. Finally, if no institutional, state, or private financial aid refund is required, a refund will be made to the student.

When institutional aid is required to be returned, it will be done in the following order: G. Egbert Founder’s Fund, Ithaca Access Grant, merit-based scholarships, endowed/restricted scholarships, and other institutional aid programs.

More detailed information, including examples of refund and repayment calculations, is available in the graduate studies, bursar’s, and financial aid offices.

Special Considerations

Students who take a leave of absence, withdraw, or are on a continuation leave and are also Title IV aid recipients should be aware of the following:

- The grace period for federal loans (Perkins, Stafford) begins from the student’s last date of attendance as determined by the College. A student who is on an approved leave of absence will be considered to be in school for purposes of repayment of federal loans. Should the student not return from an approved leave of absence, the last date of attendance will be considered the date the approved leave of absence began.
- When a student withdraws from the College, the last date of attendance will be determined as outlined above.
- A student who is provided a continuation leave will be reported as withdrawn, since federal regulations do not allow for the period of study to be interrupted for more than 180 days, excluding standard periods of non-enrollment.

Before being granted approval for withdrawal, leave of absence, or a continuation leave, all students who are federal loan recipients are required to be counseled by the Office of Financial Aid to discuss the consequences of their changed status on loan programs.

Other Resources and Information

Students should seek out and apply for financial assistance from all potential grant, loan, and private scholarship sources. Public libraries and college financial aid offices have a wide variety of information readily available. The Ithaca College Office of Financial Aid website, http://www.ithaca.edu/finaid, has links to many current resources. Students may also access a free Internet scholarship service, FASTweb, http://www.fastweb.com/.

The following websites may also provide useful financial aid information:

- New York State Higher Education Services Corporation, www.hesc.com
- National Association of Student Financial Aid Administrators (NASFAA), www.nasfaa.org, offers a comprehensive selection of other links.

Both New York State and the federal government offer educational grants to American Indians. For information on the federal program, contact United States Department of Interior, Bureau of Indian Affairs, New York Liaison Office, Room 523, 100 South Clinton Street, Syracuse, NY 13260, 315-423-5476.
The College reserves the right to refuse registration to or to dismiss after registration any student whose presence would, in the judgment of the College, be detrimental to the College's interests. The College also reserves the right to change, upon appropriate notice, any of the following regulations.

**Academic Policies**

**Student's Right to Petition**
Each currently enrolled graduate student has the right to petition to
1. waive any of the all-College academic regulations;
2. review any other academic problem that has not been resolved first by the instructor or subsequently by the chair, then by the dean of the school, and finally by the graduate dean.

To petition for either purpose, the student submits a written petition to the graduate dean with copies to the graduate chair, dean of the school, and the faculty member involved. The graduate dean sends the petition to the provost, along with his or her recommendation. Each petition is considered by the provost on an individual basis and is decided based on the facts that pertain to the particular student's situation. Where appropriate and feasible, the provost will consult with the individuals involved before making a final decision. While a decision on appeal is pending, the student may continue to take courses in the program, except for clinical or fieldwork courses.

**Time Limitations**
Candidates for an advanced degree are required to meet general and major-field requirements within six calendar years of their matriculation date. Some programs have more restrictive timelines that supersede this general policy. Any exception must be approved in writing by the dean of graduate studies after review and recommendation by the All-College Graduate Committee.

Matriculation is an enrollment status applicable to the student who has met all admission requirements and standards established by a particular school/department and the Division of Graduate Studies, who has been accepted into a degree program by the same school and the Division of Graduate Studies, and who has registered for graduate courses at Ithaca College. Note that matriculation begins with the first registration following acceptance as a degree candidate.

Students are required to fulfill the requirements of the catalog in effect at the time of their matriculation; however, under special circumstances (e.g., initiation of new programs), they may elect to fulfill the revised requirements.

**Grading System**
The acceptable grades and corresponding points for grade point average (GPA) calculations are as follows. All grades except P, I, and W are used in calculating a student's GPA.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
</tbody>
</table>

A student may repeat a graduate course once. Grades received in repeated courses will be averaged for purposes of computing the GPA. Both grades will be placed on the transcript.

**Good Academic Standing**
Graduate students are required to maintain a minimum GPA of 3.000 at the end of each semester in order to remain in good academic standing. Failure to do so will result in either academic dismissal or being placed on academic warning.

**Grade Point Average (GPA) for Graduation**
Student must achieve a minimum GPA of 3.000 in order to graduate. A student may appeal this, following the guidelines under “Student's Right to Petition.”

**Semester Work Load**
One semester of coursework is defined as 9 credits or more in a single semester if full time, or 6 credits or more accumulated across two semesters if part time.

**Academic Warning**
Upon completion of a semester's work at less than 3.000 GPA, the student will be issued an academic warning by the Division of Graduate Studies. Warning will be removed upon completion of a full semester's coursework at 3.000 GPA or better, or upon completion of the degree program with a minimum 3.000 GPA. See the physical therapy program description for program-specific requirements.

**Academic Dismissal**
Two consecutive semesters on academic warning will be grounds for dismissal from the degree program. For the purposes of this policy, “two consecutive semesters” equals two full semesters with 9 credits or more in each semester if the student is full time, or 12 credits accumulated across three or more semesters if the student is part time. See the physical therapy program description for program-specific requirements.

Any student receiving more than 6 credits of C (C+, C, C-) or more than 3 credits of F will be terminated immediately from the degree program and may never reenter the same program.

**Comprehensive Examination**
With the exception of the M.B.A. program and those programs that require a thesis, all advanced degrees require a comprehensive examination.

To be eligible for the written comprehensives, the student must complete all required courses and attain a 3.000 GPA. The final comprehensive examination will be related to the student's field of specialization and may take various forms depending on individual interests. It is the responsibility of the student to apply in writing to the major adviser for an examination appointment. The last date for application is two months before degree date. The last date for the comprehensive examination is one month before degree date.

**Thesis and Project Requirements**
Students required to complete a thesis or project as partial fulfillment of the degree requirements should request an adviser...
through the department or school and register through the Division of Graduate Studies for the appropriate course and credits. If not required by the department or school, the thesis or project is optional. If a student elects to do either a thesis or a project, the credits earned may be applied toward a degree or be in addition to degree requirements, at the discretion of the department or school concerned.

See also the research proposal description under “Graduation Requirements” in the physical therapy program section.

The last date for submission of the thesis is one month before degree date. At the time of submission of the thesis, it is the student’s responsibility to schedule an examination in defense of the thesis.

Use of Human Subjects in Research
All research projects at Ithaca College that use humans as subjects must be reviewed and approved by the All-College Review Board on Human Subjects Research. The use of human subjects refers to data collection via survey, supervised activity, and interview, as well as other methods. Please obtain a copy of the Ithaca College guidelines for human subject research from your adviser, the Faculty Resource Guide, or the provost’s office.

Teacher Certification Requirements
Candidates enrolled in a degree program leading to teacher certification must acquire the competencies stipulated for that certification in addition to the requirements necessary to earn the master's degree.

Program Changes
Changes in a semester program schedule must be made within the two-week add/drop period.

Students who withdraw and are subsequently readmitted will be bound by program and degree requirements in force during the academic year in which they are readmitted.

The College reserves the right to make changes in degree requirements, course offering regulations, and procedures contained in this catalog as educational and financial considerations require.

Application Process for Graduation
Ithaca College awards graduate degrees in September, December, and May. During the term preceding the awarding of the degree, the degree candidate must complete the following steps:

• Two months before graduation, file an application for degree with the registrar's office and pay the $25.00 graduation fee.
• Confirm with the registrar's office that any credits transferred from another institution are recorded on the transcript.
• If there have been any changes in program requirements, confirm that approval has been obtained in writing from the program chair and dean of graduate studies and verified by the degree coordinator in the registrar's office. This includes waivers, courses accepted in lieu of required courses, and verification that all program degree requirements have been met.
• Satisfactorily complete comprehensive examinations, if applicable.
• If completing a thesis or research project --- after approval by the major adviser, the thesis or project should be submitted to the respective graduate chair by April 1 for May graduation, August 10 for September graduation, or December 1 for December graduation. The dean of graduate studies will review and approve all theses. Three copies of the final bound thesis must be submitted to the graduate chair before the grade will be registered. Grades must be submitted by May 10, September 10, and December 10, respectively. It is the responsibility of the degree candidate to schedule an examination in defense of thesis when submitting it to the graduate chair.
• Verify with the graduate chair that all degree requirements have been met.
• Schedule an exit interview with the dean of graduate studies at least one month before completion of the last semester.

Registration and Course Information
Withdrawal from the College
Students deciding to withdraw from graduate study at any time before completion of their degree program should contact the chair of their program to initiate the withdrawal process. This process should include discussion with the chair and graduate dean of the reasons for withdrawal and implications for an assistantship, if the student has one. If, after these discussions, the student wishes to continue the withdrawal process, he or she must complete a “notification of withdrawal from graduate studies” form (available from the graduate chair or the graduate dean's office) and obtain the signature of the dean of graduate studies. Failure to follow this process may jeopardize the potential for readmission at a future date.

Students with guaranteed student loans and Perkins-NDSL loans must commence repayment within six months, unless they are continuing at another institution or are readmitted.

If a student withdraws and later is suspended, dismissed, or placed on warning for unsatisfactory academic performance, the academic sanctions stand as a matter of record. Warning becomes operative in the event that the student is readmitted to the College.

Withdrawal from a Course
The last date for withdrawal from a course without receiving an F is determined by a percentage of class days. If fewer than 75% of the class days for a course have elapsed, the student may withdraw without an F. It is the student's responsibility to obtain a course-drop form from the Division of Graduate Studies. If the form is not completed and submitted to the registrar's office, the grade for the course becomes F.

Full-Time Study
A full-time student is defined as one who takes 9 credits per regular semester or 6 credits in the summer. Full-time students may not take more than 12 credits per semester. Exceptions should be requested in writing and require approval of the dean of graduate studies.

Tuition Refund Schedule
No refunds will be made unless the student requests official withdrawal from a course. The following are the prorated tuition
charges for students officially withdrawing from courses during the semester.

Full-time students who officially withdraw or are dismissed from Ithaca College are charged a percentage of total tuition. Refunds are calculated as follows:

<table>
<thead>
<tr>
<th>Week</th>
<th>Percentage of Tuition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>100%</td>
</tr>
<tr>
<td>2nd</td>
<td>85%</td>
</tr>
<tr>
<td>3rd</td>
<td>70%</td>
</tr>
<tr>
<td>4th</td>
<td>60%</td>
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<tr>
<td>5th</td>
<td>50%</td>
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<tr>
<td>6th</td>
<td>40%</td>
</tr>
<tr>
<td>7th</td>
<td>30%</td>
</tr>
<tr>
<td>8th</td>
<td>15%</td>
</tr>
<tr>
<td>9th</td>
<td>0%</td>
</tr>
</tbody>
</table>

Weeks are counted from the first day of class in each semester.

No refunds will be granted until the student completes the College's official withdrawal procedure.

**Course Numbering System**

Course numbers consist of a three-digit group separated by a hyphen from a five-digit group. In the three-digit group, the first digit identifies the school in which the course is given, and the remaining two digits identify the department. The first digit of the second group is the level of the course.

- Level 4 courses or workshops listed in this catalog are for undergraduate and graduate students. Graduate students may take them for graduate credit if applicable to the degree program and if the major adviser and the dean of graduate studies grant permission.
- Level 5 courses are graduate courses in which qualified seniors may enroll under certain circumstances. (See the policy in the Ithaca College undergraduate catalog.)
- Level 6 courses are for graduate students only.
- Level 7 courses are graduate-level workshops.

**Course Offerings**

Course listings for each semester are published on-line. The registration schedule is announced by the registrar's office.

**Workshops**

Workshops are offered for graduate or undergraduate credit. Course numbers are determined by the level of work expected. With the approval of the adviser, a graduate student may count up to five graduate workshop credits toward a master's degree.

**Unit of Credit**

Credit is earned at Ithaca College in credit hours as measured by the Carnegie unit --- defined as one hour of classroom instruction and two hours of assignments outside the classroom for a period of 15 weeks for each credit.

**Transfer Credit**

Courses submitted for transfer credit must be appropriate and applicable to the student's degree or teacher certification program, and a grade of B or better must have been earned. Transferable credits must have been earned not more than three years before matriculation, and no more than six credits may be transferred and applied toward an advanced degree. Grades acquired in transferred courses are not applicable to the graduate cumulative average. Students who have matriculated and who wish to earn graduate credit elsewhere for transfer to Ithaca College should obtain approval in writing from the major adviser and the dean of graduate studies before registering for a course intended for transfer.

Fifteen credits earned at institutions that have established formal affiliation programs in specific majors may be applied toward degree requirements. Students must submit a written request for transfer credit to the Division of Graduate Studies. The request must be supported by an official transcript sent directly to Ithaca College from the institutions at which the credit was obtained.

**Ithaca College-Cornell University Exchange**

This reciprocal arrangement between Ithaca College and Cornell University allows full-time graduate students, with prior approval and within the stated stipulations, to cross-register for one course or four credits per semester at Cornell. This arrangement is available during the fall and spring semesters only and is contingent on space availability at Cornell.

Program petition forms and further information are available from the Division of Continuing Education and Summer Sessions.

**Incomplete Grades**

A student who receives a grade of I (incomplete) and does not complete the requirements of the course before completing or terminating the program will have the grade for the course recorded permanently as incomplete. In some programs (e.g., physical therapy, occupational therapy) students may not advance until the I is made up.

**Pass/Fail Option**

Graduate programs are permitted to use pass/fail grades for graduate level workshops (700 level).

**Policy on Grade Disputes**

Grade disputes should be resolved directly between the individual faculty member and the student. If that is not possible, the graduate chair and/or the dean of graduate studies will mediate the dispute. Failing resolution of the matter at that level, the student may petition the provost. (See “Student's Right to Petition.”) The final authority to change a grade rests with the individual faculty member. Exceptions made by the provost will occur only for the most compelling reasons.

**Audit Policy**

An audited graduate course will appear on a student's transcript provided the student follows the instructor's requirements for auditors, including attendance policy.

The student or faculty member must submit an audit form to the registrar by the add/drop deadline in the semester in which the course is to be audited. The above audit policy does not apply to summer-term offerings. A graduate course audited for personal interest or for review of certain segments of the course material (no record on transcript) requires only the instructor's permission to attend the class.
All audits depend on class capacity. No tuition-paying student will be denied a place as a result of a place being provided to an auditor. Audits are not counted as credit toward graduation or calculated in the GPA. Students may not change their registration enrollment from audit to a letter grade.

General Student Information

Summer Sessions
Many graduate courses are offered during the summer sessions. M.B.A. courses are offered during the first summer session. Study in music education, required for permanent teacher certification, can be completed in three or four summers. See the annual summer sessions catalog for course listings, registration procedures, fees, academic regulations, and housing, dining, and campus facilities available during the summer. The catalog can be obtained through the Division of Continuing Education and Summer Sessions (CESS). For the summer sessions calendar, visit the CESS website.

Living Accommodations
No campus housing is available to graduate students during fall and spring semesters. However, apartments and family-style housing are available in Ithaca and the surrounding communities. Although Ithaca College does not arrange for or inspect off-campus housing, the residential life office provides listings of available rooms, apartments, and houses. Inquiries regarding accommodations should be addressed to the coordinator of housing services, Office of Residential Life, 2001 East Tower, Ithaca, New York 14850 or call 607-274-3141.

Counseling Center
The Ithaca College counseling center offers short-term individual, group, and couples counseling, as well as referral to mental health resources in the community, at no charge to enrolled students. Counselors are also on call after hours to respond to psychological emergencies. Confidentiality is maintained in a manner consistent with New York State law and the ethical principles of the American Psychological Association.

Counseling can help individuals address personal concerns, clarify values and feelings, make more effective decisions, and deal with a range of psychological difficulties such as depression and anxiety.

The counseling center staff includes licensed psychologists, social workers, and other counselors. To obtain more information or to schedule an appointment, call 607-274-3136.

Office of Career Services
Graduate students on the threshold of the job market or additional schooling can gain valuable assistance from the professional counselors and trained student staff in the Office of Career Services. The office helps students identify interests and abilities, explore career opportunities, and develop résumé-writing and interviewing skills. Also offered are career information and exploration seminars, testing services, videotaped mock interviews, an interactive career guidance system, and a career resource library. The office brings recruiters from major corporations and nonprofit agencies to campus and helps coordinate interviews with potential employers. For additional information, visit their website or call 607-274-3365.
Purpose
The mission of the School of Business at Ithaca College is to provide a learning environment in which students develop managerial and professional skills of a high order and acquire the requisite knowledge for making decisions that are both economically rational and ethically sound.

Objectives
- To attract and retain a talented, diverse group of baccalaureate business and accounting majors;
- To provide the opportunity for undergraduate majors who want to complete their graduate education prior to launching their careers, the School is committed to offering a one-year MBA program.
- To attract and retain academically and professionally qualified faculty members who are, first and foremost, excellent educators, the School is committed to providing faculty development opportunities and instructional resources that enable faculty to stay at the leading edge of knowledge in their disciplines.
  - The faculty engages in scholarly pursuits and developmental activities in their disciplines to bring current theories and empirical knowledge into the classroom and to further knowledge in their respective fields.
- To prepare undergraduate students to succeed in a complex, changing world and to provide a foundation for subsequent lifelong learning, the School offers an extensive program of study:
  - in the humanities, social sciences, and natural sciences;
  - in a professional business core curriculum that is based on theory, empirical research, and practice; and
  - in one or more functional business concentrations.
- To develop the skills and values that enable students to translate knowledge acquired in the classroom into competent managerial behavior, the School provides numerous venues in which students can practice what they have studied in class and grow professionally in the process.
  - Students are helped and encouraged to complete internships in a variety of profit making and non-profit organizations.
  - The School actively supports a number of highly successful student professional organizations. The habits of thought and action that constitute character are learned by participating in organizations whose members exemplify them in their everyday behaviors. Because of this, the School encourages students to take active roles in these organizations, where they can experience leadership and service to others and come to view both as essential elements of a productive life.
  - Students are provided opportunities to interact with distinguished alumni and regional business leaders, who share their experiences, host interns, and provide employment opportunities.

Master of Business Administration
The master of business administration degree program provides a broad view of organizational performance from the perspective of general management. Applicants to the program must anticipate completing a baccalaureate degree from an accredited college or university before matriculating in the program and have studied a prerequisite core curriculum.

Admission Requirements
Applicants to the M.B.A. program must anticipate having completed, prior to matriculation in the program, either of the following:
- a baccalaureate in business or accounting, or
- a baccalaureate in another field together with Ithaca College’s 27-credit hour management minor and five prerequisite courses or equivalent coursework, as determined by the M.B.A. Program Committee, taken elsewhere.

Applicants do not need extensive work experience; most accepted students enter the program on finishing their baccalaureates. The program committee, however, gives preference to applicants who have completed internships and have had meaningful summer jobs. Preference is also given to those who intend to pursue the M.B.A. degree full-time. Applicants should have cumulative undergraduate grade point averages of approximately 3.0 or better (on the 4.0 system) and GMAT (Graduate Management Admission Test) scores that indicate future success in the M.B.A. program.

Applicants normally are admitted to the program as matriculated students (i.e., degree candidates). Occasionally, they are admitted provisionally or as extramural students.

Graduate Management Admission Test Scores
Applicants to the M.B.A. program must arrange for official GMAT scores to be submitted to Ithaca College. Information about the GMAT can be obtained from GMAT, Educational Testing Service, P.O. Box 6103, Princeton, NJ 08541-6103; 609-771-7330; www.ets.org.

Preparatory Undergraduate Courses --- 27 credits
Preparatory undergraduate courses are offered at Ithaca College through a management minor that can be taken by students who are not majoring in accounting or business administration. Equivalent courses may be taken at other institutions. To verify the equivalency of courses taken elsewhere, contact the M.B.A. program director. Upper-level courses (300- and 400-level) must be taken at a four-year institution.
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Required courses --- 25 credits
889-60100 Accounting: Financial Reporting and Control 3 credits.
889-63200 Corporate Financial Management 3 credits.
889-64000 Management Accounting 3 credits.
889-65000 Organization and Management 3 credits.
889-66000 Operations Management and Advanced Tech. 3 credits.
889-62000 Strategic Management 3 credits.
889-61000 Managing in a Global Economy 3 credits.
889-63000 Industry Analysis I 2 credits.
889-63100 Industry Analysis II 2 credits.

Elective track --- 9 credits
889-64100 Marketing: Electronic Commerce 3 credits.
889-67000 Commercial Law 3 credits.
889-69600 Selected Topics in Graduate Business 3 credits.

Graduate Scholarships
Ithaca College offers a limited number of graduate scholarships to full-time matriculated M.B.A. students. Scholarship awards range in amount from one-quarter tuition to full tuition, and are awarded on the basis of academic merit. Scholarships are tax-free.

Application
All applicants to the M.B.A. program are considered for scholarship awards, which are announced when students receive notice of admission to the program.

Academic Advising
The director of the M.B.A. program serves as the academic adviser for all students enrolled in the program.

Pass/Fail Options
Candidates take all M.B.A. courses for letter grades, with the exception of elective internships, which candidates may elect to take on a pass/fail basis.

Course Descriptions
889-60100 Accounting: Financial Reporting and Control
Preparation for accountants and managers in situations where complex financial transactions, events, and status must be communicated. Integrates perspectives of accounting, corporate finance, and economics. Students explore the process of financial reporting and the incentives that drive firms' reporting choices. The analysis of financial statements and footnotes, often of real companies, is used to understand not only how the numbers are produced and what they mean, but how to recognize when numbers fail to reflect the underlying economics and how to adjust them so the distortion is removed. Prerequisites: Graduate standing. Required. 3 credits.

889-61000 Managing in a Global Economy
Examination from a global strategic perspective of the management of companies with operations in multiple countries. Lectures, discussions, and analyses of cases are used to study the characteristics of global vs. non-global industries; sources of competitive advantage for companies and countries; advantages and disadvantages of “multi-domestic” vs. global strategies; links between strategy and structure in international operations; modes of entry decisions; and the firm as a network of subsidiaries and strategic options. Prerequisites: Graduate standing. Required. 3 credits.

889-62000 Strategic Management
Emphasis on the development of skills to think strategically about an organization from a general management perspective. Examines how organizations can gain and sustain competitive advantage in a global environment and how business and corporate level strategies can be implemented and executed successfully. Integration of functional areas of business through the case method is an integral component of the course. Prerequisites: Graduate standing. Required. 3 credits.

889-63000 Industry Analysis I
Analysis and forecast for an industry selected each year by the graduate faculty. Each class meeting is conducted by a different subject area expert from the graduate faculty and explores a different aspect of the selected industry through readings, lectures, cases, and class discussions. Meets three hours a week for 10 weeks. Prerequisites: Graduate standing. Required. 2 credits.

889-63100 Industry Analysis II
A graduate seminar in which students present findings from secondary research on a selected industry. The seminar culminates in an industry report containing descriptions of historical, current, and projected future developments in that industry. Meets weekly for two
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hours. Offered spring semester. Prerequisites: 889-6300; graduate standing. Required. 2 credits.

889-63200 Corporate Financial Management
The study of valuation techniques and capital budgeting; risk analysis and capital market theories; capital structure policies; advantages and limits of leverage; nature and scope of long-term financing; financial planning and short-term financing techniques; mergers and acquisitions; financial distress; and international corporate finance. Lectures and analyses of cases are employed to discuss theories and test their applications. Prerequisites: Graduate standing. Required. 3 credits.

889-64000 Marketing Management
Fundamental marketing topics, including marketing research, product design, distribution, pricing, and promotion of goods and services. Ethical considerations and issues in multinational marketing are emphasized. The marketing environment is also covered as it affects decision making. The course combines theory with applications through required readings, analyses of cases, and research projects. Prerequisites: Graduate standing. Required. 3 credits.

889-64100 Marketing: Electronic Commerce
The growth of the Internet and its emerging role as a new marketing medium is investigated. The advantages and disadvantages of the Internet relative to traditional marketing practices are examined in light of marketing mix variables. Several industries, including news, entertainment, travel services, tourism services, and financial services, where the Web shows the greatest potential for growth, are studied in more detail. Students learn how to create Web pages, how to design on-line survey forms, and how to analyze survey responses using appropriate statistical software packages. Most of the information needed for this course is available directly from the Internet. Prerequisites: Graduate standing. Business elective track. 3 credits.

889-65000 Organization and Management
Studies the development and use of human resources and how managing relationships becomes more important than performing tasks as managers gain increasing responsibility for leadership. Examines problems and issues concerning leadership, interpersonal effectiveness, organizational structure, processes, teams, networking, and managerial behaviors involved in the operation of the business enterprise and the management of change. Prerequisites: Graduate standing. Required. 3 credits.

889-66000 Operations Management and Advanced Technology
An integrated view of the operations function in organizations. Topics include both traditional areas --- such as demand forecasting, material requirements planning, total quality management, just-in-time systems, inventory management, project management --- and scheduling models. In addition, special focus is on improving students' analytical skills through problem solving and case analysis using a number of software packages including Excel, SPSS, and STORM. Prerequisites: Graduate standing. Required. 3 credits.

889-67000 Commercial Law
Introduction to the concepts, rules, and principles that form the foundation of the Uniform Commercial Code law. Objectives are to promote awareness of potentially serious legal situations; learn legal language to discuss such situations; learn how and when to contact an attorney; and learn specific rules and regulations of laws governing negotiable instruments, secured transactions, bulk transfers, bankruptcy, principle[is this right?] agency (employment law), warranties, product liability, contracts, and business formation. Prerequisites: Graduate standing. Business elective track. 3 credits.

889-69600 Selected Topics in Business
Students from multiple disciplines conduct in-depth research on topics of current interest to faculty and students. The course is organized around a central theme (such as conducting business in the European Union). Students focus on more specific topics within the theme, depending on their interests and/or academic backgrounds. A number of cases and other assignments are required of the entire class. In addition, each student undertakes an independent study of a researchable aspect of a topic related to the course theme. Group projects are conducted, as well. The course is conducted in seminar format to facilitate discussions of research findings. Prerequisites: Graduate standing. Business elective track. 3 credits.
Communications

The master of science degree program in the Department of Organizational Communication, Learning, and Design of the Roy H. Park School of Communications prepares graduates to pursue professional careers as organizational communication and learning system designers and managers. Alumni of the program include media producers and communication managers in business, communication, education, and human services; instructional designers; marketing media and public relations specialists; trainers; independent consultants and producers; and communication analysts. Students from all disciplines and professions are encouraged to apply to the communications program.

In addition to the courses described below, our Selected Topics and Contemporary Issues courses regularly offer opportunities to study such topics as on-line learning and collaboration, addictive organizations, technical communication, global communication and learning, and integrated marketing and training strategies. We also sponsor a speaker series that brings noted researchers and practitioners to campus to meet and address our students and faculty.

The Roy H. Park School of Communications is housed in an attractive facility that includes an interactive media and website development lab, desktop publishing and computer-based presentation support media systems, television studios, teleconferencing units, video field production and digital postproduction equipment, processing and printing rooms for color and black-and-white film, digital photo and audio labs, computer-based research and writing facilities, and a graduate student office and computer lab. These facilities, plus a faculty actively engaged in current research and practice, allow students to pursue interests in the areas of

- organizational communication
- multimedia, Internet, and intranet site development
- organizational video and teleconferencing
- computer-assisted learning and electronic performance support tools
- design of learning systems and promotional campaigns
- communication technology assessment
- communication consulting and management
- print and graphics design and layout
- organizational culture and diversity

Application Requirements
Applicants to the graduate program in communications should include with their application a short letter stating their purpose for pursuing graduate study at Ithaca College and describing any educational or professional experience related to this area.

Admission Requirements
To be eligible for admission to the master's degree program, the candidate must have earned a baccalaureate degree from an accredited institution. Overall grade point average at the undergraduate level and academic and/or professional recommendations are among the criteria considered for admission to the program. A personal interview is recommended. The program welcomes applicants from disciplines other than communications.

Master of Science in Communications
A minimum of 36 credits is required to complete the master's degree program, including 15 credits of required coursework and 9 required elective credits. The remaining credits may be selected, with the adviser's approval, from the elective courses provided in the program. Candidates who wish to pursue a thesis may do so upon approval by the graduate committee. Up to 6 credits of related graduate work from an accredited institution may be transferred with approval of the candidate's adviser, if the course grade is B or better and if the work has been completed no more than three years before the request for transfer of credit.

Normally, full-time students can complete the 36-credit program in three semesters or in two semesters and two summer sessions. Applicants interested in part-time study are also invited. All coursework must be completed within six years of matriculation into the program.

Required Courses --- 15 credits
223-64000 Designing Systems and Messages
223-64100 Management of Organization Communication, Learning, and Design
223-64300 Research Methods in Communications
223-64400 Communication and Organization Theory
223-64800 Seminar: Theory in Practice

Required Elective Courses --- 9 credits

Media Production (select one)
223-65000/65100 Effective Media Production
223-65700 Interactive Media

Organizational Communication and Management (select one)
223-68000/68100 Theories of Organization Communication and Management
223-68500 Communication Technology and Organizations

Applications (select one)
223-63000 Communication Technology Management
223-63500 Learning Systems

Elective Courses --- 12 credits
223-64000/64100 Traditional Media Campaigns
223-64300 Contemporary Issues
223-64900 Internship
223-65000/65100 Media Production
223-69000/69100 Thesis or any other remaining course in the program

*May be used with permission of graduate chair to satisfy required electives.
Graduate Assistantships
A limited number of graduate assistantships are awarded each semester based on the applicants’ scholastic records and their ability to assist faculty members in teaching and research. Financial assistance consists of two parts --- a tax-free scholarship and a taxable work-related salary. The appointment normally requires 8-12 hours of work per week. Graduate assistants are assigned to work with faculty in the Departments of Organizational Communication, Learning, and Design, Television-Radio, and Cinema and Photography; in the Professional Production Unit; or in the office of the dean of graduate studies. They assist with classes, tutor students, conduct research, supervise labs, and work in related professional areas such as organizing speaker series and producing media programs. Duties and responsibilities of each graduate assistant are arranged by the graduate chair.

Academic Advising
The chair of the graduate program in communications serves as the academic adviser for all students enrolled in the program. Students writing a thesis select, with the approval of the chair, a thesis adviser and two readers from among the graduate faculty in the Park School.

Pass/Fail Option
Degree candidates must take all communication courses, whether required or elective, for a letter grade. The only exceptions are internships, which are only offered pass/fail.

Thesis Option
The thesis option is designed for students who wish to pursue theoretical research and make an original contribution to knowledge in the field of communications. Students must receive approval from the communications graduate committee and show evidence of a detailed research plan as well as mastery of the research skills, tools, and concepts needed to conduct the proposed research. Upon approval by the graduate committee, the student selects, with the chair’s approval, a thesis adviser and two additional committee members who then evaluate a thesis proposal. An oral defense of the thesis is required.

Comprehensive Examinations
All degree candidates are required to pass a written comprehensive examination covering material from the required courses as well as current theory and practice. To be eligible for this examination, a student must have completed at least 24 credits by the end of the semester in which the exam takes place, including 223-64000 Designing Systems and Messages; 223-64100 Management of Organizational Communication, Learning, and Design; 223-64400 Communication and Organization Theory; and 223-64300 Research Methods in Communication.

Course Descriptions
223-51000/51100 Selected Topics
In-depth investigation of a particular topic in the field of organizational communication, learning, and design. Students examine current theory and practice in a given area and apply these concepts to actual or simulated communication problems. A different topic is selected each term. Examples of topics include online learning and collaboration, development and fund-raising, and addictive organizations. Elective. 1-3 credits each, up to 6 credits total.

223-53000 Organizational Communication Campaigns
Organizational communication campaigns use strategies of persuasion to effect changes in a specified audience. The course emphasizes the theoretical foundations of the art of persuasion and the strategic applications of such theories in communication campaigns. Students critically analyze a variety of internal and external communication campaigns, including attempts to improve an organization’s image, to sell products and services, to affect attitudes on an issue, and to motivate employees. Additionally, students put knowledge into practice by designing an organizational communication campaign of their choosing. Elective. 3 credits.

223-53500 Learning Systems
An in-depth exploration of structures and processes created for the purpose of human learning. Emphasis on theories, models, and principles of design, learning, and instruction and their applications in training and educational contexts. Along with readings and discussions, a series of projects develops a rich understanding of analysis, design, and evaluation processes geared specifically to learning systems. Elective. 3 credits.

223-54000 Presentation Media
An introduction to the design, production, and utilization of media employed in informational and promotional presentations in organizations. Students utilize both digital and 35 mm cameras, image-manipulation and sound-editing software, and scanning technologies to design posters, create desktop presentations, and integrate media programs into stand-up oral presentations. Special attention is paid to the study of basic graphic design principles, visual literacy research, presentation methods, and production techniques, including those used to design and produce slides, websites, and trade show slide shows. Elective. 3 credits.

223-54100 Contemporary Issues
A survey and analysis of current problems or issues from industry, such as new media systems or trends in communication practices. Elective. 3 credits.

223-55000 Organizational Video Design and Production
Principles and experience in planning, scripting, managing, and producing nonbroadcast television programs. Analysis of instructional, promotional, and informational video formats, field production, and all aspects of pre- and postproduction used in organizations, including streaming media, and other methods of sending video via the Internet. Elective. 3 credits.

223-57000 Organizational Publications
An examination of theory and practice in writing, editing, layout, illustration, and management of organizational publications. Students use desktop publishing systems to produce examples of printed and online newsletters, brochures, job aids, proposals, and training manuals. Elective. 3 credits.

223-58000 Organizational Culture and Diversity
Organizational culture, in both its traditional and critical forms, provides the theoretical orientation for examining communication and diversity issues in the workplace. Emphasis is on understanding organizations as cultures: collectives whose activities are coordinated through the use of symbols and the creation of shared meaning. Diversity issues may include, for example, gender, race, age, ethnicity, or class. Active discussion and classroom participation characterized by critical thinking and analytical writing. Elective. 3 credits.

223-58500 Communication Technology and Organizations
This course examines and critiques the impact of new technologies on communication in organizations. A review of major organizational theories is followed by an analysis of their consequences for the implementation of communication technologies. Particular attention is on user involvement, work
design, decision making processes, interpersonal interaction, organizational structure, and the development of organizational policy regarding communication technology. Elective. 3 credits.

223-590/591 Internship
Jointly supervised work experience with a cooperating institution or corporation in the field of communication, intended to provide the intern with opportunity for professional growth. No more than 6 credits of internship and/or tutorial may be counted toward the 36 required credits. Prerequisites: Completion of 12 graduate credits with a GPA of 3.00 or better and prior permission of the graduate chair. Graded pass/fail only. Elective. 1-6 credits each, up to 6 credits total.

223-64000 Designing Systems and Messages
An overview of theory and practice in analyzing organizational communication needs and applying communication and learning theories to designing solutions for those needs. Readings and projects focus on design and writing for both large-scale communication systems and small-scale projects and messages for information exchange, persuasion, and instruction using a variety of strategies and media. Required. 3 credits.

223-64100 Management of Organizational Communication, Learning, and Design
A comprehensive course to develop competence in the administration of communication programs and facilities. Specific attention is given to personnel and fiscal management, program and policy development, internal-external communication policy and practice, and program evaluation. Required. 3 credits.

223-64300 Research Methods in Communication
An examination of various communication research and evaluation methods and their theoretical underpinnings. Includes study of quantitative and qualitative paradigms and methods such as experimentation, statistical analysis, interview and survey techniques, participant observation, and ethnography. Emphasis on critical examination of research reports and on basic techniques of applied research. Required. 3 credits.

223-64400 Communication and Organization Theory
Comprehensive examination of communication theory and organization theory with emphasis on analytical understanding of underlying assumptions and current issues in the field. Communication theories addressed include, for example, semiotics, social systems, discourse analysis, symbolic interaction, and phenomenology. A historical perspective of organizational communication theory encompasses classical, human relations, systems, culture, and critical theories. Required. 3 credits.

223-65000/65100 Tutorial
Individually designed independent program of study or project in a specific area of communication research and/or practice. Prerequisites: Successful completion of at least 9 graduate credits and prior approval of a written proposal by the tutorial mentor and the graduate chair. No more than 6 credits of internship and/or tutorial may be counted toward the 36 required credits. Elective. 1-6 credits each, up to 6 credits total.

223-65700 Interactive Media
An overview of interactive computer based media technologies, including the Internet and intranets, computer based learning and promotion programs, electronic collaboration systems, and digital video and audio. Students learn analysis, management, design, and production concepts and skills while developing individual portfolios of research, design, and actual program development. Prerequisites: 223-64000. Elective. 3 credits.

223-68000 Seminar: Theory in Practice
Capstone course in which students apply concepts and skills to solve actual communication problems for clients. Includes study of project management and consulting skills. Prerequisites: All other required courses must be completed or in progress. Required. 3 credits.

223-69000/69100 Independent Research --- Thesis
Theoretical or applied research in organizational communications or media, as advised. Permission of adviser and department faculty required before enrolling. Elective. 3 credits per course.
Exercise and Sport Sciences

Academic Adviser: G. A. Sforzo, Chair of Graduate Program, sforzo@ithaca.edu

The School of Health Sciences and Human Performance offers master of science degree programs in exercise and sport sciences with concentrations in exercise physiology, physical education, and sport psychology. Thesis and non-thesis plans within the three areas allow students to match their learning experiences to individual academic strengths and career plans. A small student body and knowledgeable, interested faculty enhance program individualization, as does the opportunity to take courses at nearby Cornell University and to pursue independent study.

Admission Requirements
Admission to these programs is granted on the basis of cumulative undergraduate grade point average, Graduate Record Examination scores, and recommendations. To be considered for admission, applicants must have an undergraduate degree from an accredited institution. Consideration is given to those applicants whose academic preparation most closely aligns with their intended area of concentration (i.e., exercise physiology, physical education, or sport psychology). Applicants for concentrations in exercise physiology and physical education usually have undergraduate degrees in areas such as exercise science, physical education, athletic training, nursing, or biology. For the sport psychology concentration, students usually have undergraduate degrees in conceptually related content that emphasizes psychology.

Applications are reviewed on an individual basis, taking into account such factors as previous academic achievements, successful professional experience, and special personal circumstances. Applicants who have questions regarding their eligibility for admission are encouraged to contact the chair of the program (sforzo@ithaca.edu, 607-274-3359).

Master of Science Degree with Thesis

(30 credits)

The master of science program with thesis serves a twofold purpose. First, it can be viewed as the initial step toward advanced study. Second, the program challenges those individuals who desire to advance their knowledge in exercise physiology, physical education, or sport psychology. Both theoretical and applied research are emphasized. The thesis is based on the student's independent research, but the work is guided, from selection of a topic through final revision, by a thesis committee. The completed thesis must receive the approval of both the department and the dean of graduate studies.

Graduation requirements --- 24 credits of coursework and 6 credits of thesis are needed to complete this program. In addition, the student must complete an oral examination in defense of the thesis. The thesis must be completed within the area of concentration.

Oral examination --- in order to be eligible for the oral examination in defense of the thesis, the student must have completed the required courses and have a cumulative GPA of 3.000 or higher for all graduate courses completed as part of the program. This includes graduate courses taken at Ithaca College, exchange courses at Cornell University, or approved transfer courses taken at other institutions.

Thesis Plan Credits
665-61000 Survey of Statistical Methods 3
665-61100 Research Methods 3
665-62000 Thesis 6
665-71000 Computer Applications 3
Area of concentration 9-12
Electives 3-6
Total 30

(The total may include up to 6 credits approved for transfer from other schools.)

Non-Thesis Plan Credits
665-55000 Contemporary Issues 3
665-61000 Survey of Statistical Methods 3
665-61100 Research Methods 3
665-71000 Computer Applications 3
Area of concentration 12-15
Electives 9-12
Total 36

(The total may include up to 6 credits approved for transfer from other schools.)

Area of Concentration

One of the unique characteristics of Ithaca College's plan of study is the opportunity to pursue an area of concentration, an experience reserved for doctoral study at many institutions. The student must complete 9-15 credits of courses approved by the adviser in one of
three areas of concentration --- exercise physiology, physical education, or sport psychology. The concentration approach to graduate study is designed to provide depth to the program and also to provide specific future employment opportunities. Included in each of the concentrations is the possibility of independent study and internship to increase relevant and practical learning opportunities.

Concentration in Exercise Physiology

Exercise physiology is the study of the physiological responses and adaptations consequent to exercise. Through specific coursework, this concentration focuses on both the theoretical and applied/clinical aspects of exercise physiology. Students who want to emphasize theoretical learning are advised to pursue the thesis option while those with a clinical orientation should consider the non-thesis option with an internship. If desired, a student can have a more comprehensive experience by completing all prescribed coursework, thesis, and a clinical internship. An objective of the exercise physiology concentration is to assist in preparation for registration as a clinical exercise physiologist and for external exercise physiology concentration is to assist in preparation for coursework, thesis, and a clinical internship. An objective of the exercise physiology concentration is to assist in preparation for registration as a clinical exercise physiologist and for external certification as a health/fitness instructor or exercise specialist through the American College of Sports Medicine. Students are actively encouraged to seek additional credentials of this nature.

Prerequisites for applicants to the exercise physiology concentration include completion of coursework in anatomy and physiology; biomechanics or kinesiology; exercise physiology; and statistics or tests and measurements.

Thesis plan students must take 12 credits and complete their thesis in this area of concentration. Students in the non-thesis plan must complete 15 credits in this area of concentration. All exercise physiology students are eligible for related internships. A clinical internship is strongly encouraged for those following the non-thesis plan. Exercise physiology students may study special topics through 665-62000 Thesis, 665-63000 Independent Research, and 665-63100 Independent Reading.

Exercise Physiology Concentration Courses

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<tr>
<td>665-54000 Physiological Mechanisms of Exercise: Cellular Aspects</td>
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<td>665-54200 Physiological Mechanisms of Exercise: Systemic Aspects</td>
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<tr>
<td>665-54400 Multidimensional Assessment of Physical Function</td>
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<td>665-54600 Graded Exercise Testing and Exercise Prescription</td>
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<td>665-54800* Exercise for Disease Intervention and the Older Adult</td>
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Elective

| 665-51200 Psychological Perspectives of Sport |
| 665-66000 Internship |
| 665-74200 Advanced Techniques of Athletic Training |

*Required for non-thesis option; recommended for thesis plan

Concentration in Physical Education

This concentration focuses on the application of instructional theories, teaching models, and curriculum design to maximize teaching and learning effectiveness. A "theory into practice" approach is utilized in this concentration. Videotaping, small group discussions, and formal and informal sessions on campus and in area schools provide opportunities for practical applications. Teachers seeking permanent New York State K-12 certification typically select this concentration.

Applicants for the physical education concentration need to show evidence of completion of coursework in anatomy, biomechanics or kinesiology, and physiology. Applicants for K-12 permanent certification must also have completed the requirements for New York State provisional teaching certification or have a certificate of eligibility.

Sport Pedagogy Concentration Courses

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<tr>
<td>665-52200 Analysis of Teaching and Coaching Behavior</td>
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<td>665-52300 Strategies for Teaching</td>
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<td>665-52400 Curriculum Design and Analysis</td>
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<tr>
<td>665-53000 Supervision of Physical Education</td>
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Concentration in Sport Psychology

The primary focus of this concentration is on the psychological factors that influence sport participation and performance. Topics are derived from clinical, developmental, educational, experimental, and social psychology and also from the basic understanding of sport and its varied task demands. Emphasis is on application, description, explanation, and prediction of parameters of sport participation and performance. Applicants for the sport psychology concentration need to show evidence of completion of coursework in conceptually relevant content areas.

Sport Psychology Concentration Courses

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<tr>
<td>665-51200 Psychological Perspectives of Sport</td>
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<td>665-51300 Psychological Applications to Sport Performance</td>
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<td>665-51400 Counseling Student-Athletes</td>
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<td>665-51500* Effective Team Building</td>
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<td>665-51600* Motivation for Superior Performance</td>
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*Required for non-thesis option; recommended for thesis plan

Elective

| 665-51700 Stress Management |
| 665-66000 Internship |

Teaching Certificate K-12

Candidates for permanent certification who do not select the concentration in physical education must meet the following requirements:

- Complete two of the following courses:
  - 665-52200 Analysis of Teaching and Coaching Behavior
  - 665-52300 Strategies for Teaching
  - 665-52400 Curriculum Design and Analysis

- Complete the competency-based teacher education program specified for permanent certification.
- Complete two years of teaching in public schools, if this was not completed before matriculation.
- Attain a passing score on the National Teacher Examination if not completed before matriculation. For New York State, attain a passing score on the New York Teacher Certification exam if not completed before matriculation.
Academic Warning and Dismissal
The graduate program in exercise and sport sciences follows the Division of Graduate Studies policies regarding academic warning and academic dismissal. Students on academic warning are not permitted to enroll in thesis, independent research, or independent reading courses.

Academic Advising
The chair of the graduate program in exercise and sport sciences serves as the academic adviser for all students enrolled in the program. Students writing a thesis select, with approval of the chair, a thesis adviser and reader from among the graduate faculty in exercise and sport sciences.

Pass/Fail Option
All graduate courses must be taken for a letter grade. There is no pass/fail option for graduate courses in exercise and sport sciences.

Graduate Assistantships
A limited number of assistantships are available for full-time matriculated graduate students and for admitted degree candidates. The assistantships include a scholarship, which is applied to the tuition bill, and a taxable salary for carrying out assigned duties. Students must have an undergraduate cumulative GPA of 3.00 or higher in order to be considered for assistantships. Assistantships are typically awarded on a two-semester basis and involve 8-15 hours per week of duties and responsibilities arranged and supervised by a faculty member. Specific areas for assistantships include: adult fitness program, anatomy, athletic training, biomechanics, coaching in men's and women's varsity athletic programs, computer applications and statistics, exercise physiology, kinesiology, physiology, recreational sports, and teaching supervision. In any given year about 75% of the full-time matriculated graduate students in exercise and sport sciences hold assistantships.

Course Descriptions
Courses may be offered in alternate semesters. Additional courses will be offered during the summer (see the summer sessions catalog). Other courses are offered only on demand.

665-51200 Psychological Perspectives of Sport
Focuses on personal and motivational variables important to the understanding and subsequent improvement of sport performance. Topics include anxiety, arousal, attention, cohesiveness, competition, motivation, communication, and personality dynamics. 3 credits.

665-51300 Psychological Applications to Sport Performance
Variety of psychological concepts related to the enhancement of sport performance. The course is conducted as a seminar emphasizing participant interaction. Small group format is used in developing a mental training program (MTP) for application when working with and consulting student-athletes. 3 credits.

665-51400 Counseling Student-Athletes
Introduction to many areas of study within the sport counseling realm. Concepts of an applied nature focus on skills currently used in counseling student-athletes. The basics for applying appropriate counseling strategies to various student-athlete populations are developed through lecture, role playing, and modeling formats. 3 credits.

665-51500 Effective Team Building
Focuses on an understanding of people and the interpersonal communications and leadership skills necessary for effective and cohesive team units. Barriers to change and conflict resolution are discussed. 1 credit. (Summer)

665-51600 Motivation for Superior Performance
Focuses on an understanding of motivation and its importance to performance. Various motivational approaches are discussed, with emphasis on goal setting and attainment. 2 credits. (Summer)

665-51700 Stress Management
An overview of the nature and physiology of stress and the various approaches commonly used to manage stress. These approaches include relaxation techniques, yoga, meditation, cognitive restructuring, assertiveness training, conflict resolution, social engineering, communication skills, leisure counseling, biofeedback, values clarification, and time management techniques. This course also presents guidelines for developing stress management programs in the workplace. 3 credits.

665-52200 Analysis of Teaching and Coaching Behavior
The use of systematic observation techniques to observe and modify teachers’ and coaches’ behaviors. Overview of the most widely used observation systems in teaching and coaching and guidelines for their use. Practical applications of systematic observation in professional preparation programs, in-service education, and coaching. Videotaping, small group discussions, and informal practice sessions provide opportunities for actual experience in the use of systematic observation techniques. 3 credits.

665-52300 Strategies for Teaching
Examines instructional theories and models of teaching while focusing on practical applications that can lead to the improvement of teaching in physical education. Teaching of physical education is analyzed in context with various teaching approaches, current humanizing influences, and shared decision making principles. Content endorses a “theory into practice” approach to teaching effectiveness. A practical approach to research findings enables the student to evaluate teaching effectiveness, teacher-student relationships and interaction, various teaching approaches, and class structures. Videotaping, group dynamics, small group discussions, and informal practice sessions are employed. 3 credits.

665-52400 Curriculum Design and Analysis
A study of curricular designs, educational aims and objectives, learning experiences and activities, and curricular evaluations in education in general and physical education specifically. Emphasis is on current trends in the curriculum. 3 credits.

665-53000 Supervision of Physical Education
Principles of supervision and the function of the supervisor as a responsible leader in improving instruction in physical education. Topics include types and means of supervision, staff relationships, teaching assignments, observing instruction, supervisory conferences, and teachers' meetings. 3 credits.

665-54000 Physiological Mechanisms of Exercise: Cellular Aspects
Focuses on metabolic and muscular aspects of exercise, primarily addressing cellular mechanisms that explain physiological responses and adaptations occurring with exercise. Discussion of related endocrinological issues and performance enhancing agents augments presentation of basic cellular material. Data collection using key pieces of laboratory equipment is selectively integrated. Prerequisites: Undergraduate exercise physiology course. 3 credits.

665-54200 Physiological Mechanisms of Exercise: Systemic Aspects
Focuses on cardiovascular, pulmonary, thermoregulatory, immunological, and renal aspects of exercise, primarily addressing the physiological responses and adaptations these systems undergo with exercise. Data collection using key pieces of laboratory
equipment is integrated into the course. Prerequisites: Undergraduate exercise physiology course. 3 credits.

665-54400 Multidimensional Assessment of Physical Function
Team-taught aspects of physical functions that affect performance, physical abilities, and activities of daily living (ADL) in various populations. Musculoskeletal function, coordination and motor skills behavior, and body composition are examined as they influence performance decrements, physical dysfunction, pain, and the ability to perform ADLs. Also examined are evaluations of physical function and alternative approaches to movement training so as to enable appropriate recommendation or referral. Prerequisites: Undergraduate exercise physiology and biomechanics or kinesiology. 3 credits.

665-54600 Graded Exercise Testing and Exercise Prescription
Techniques for quantifying and prescribing exercise using a variety of ergometers for improvement of cardiovascular health and fitness. Normal and abnormal electrocardiographic responses to exercise are discussed in detail. Completion of both written and practical requirements assists in preparation for examination by the American College of Sports Medicine. 3 credits.

665-54800 Exercise for Disease Intervention and the Older Adult
Focuses on the usefulness of exercise in disease prevention and rehabilitation and as an effective intervention in the aging process. Cardiac, pulmonary, and renal pathologies are discussed along with diabetes, hypertension, obesity, and other disorders. Details for evaluating functional status and prescribing exercise programs for those conditions are discussed. 3 credits. (Summer)

665-55000 Contemporary Issues
In-depth reading focused on critical thinking with regard to controversial issues in physical education, education, and athletics. Emphasis is on the recognition, discussion, and systematic analysis of issues of particular interest to the class members. Required for non-thesis plan. 3 credits.

665-57000 Survey of Statistical Methods

665-61100 Research Methods
Introduction to the research process. Consideration and analysis of each type of research (e.g., philosophical-historical, descriptive, and experimental). Development of library and writing skills, use of research tools for data collection and analysis, and interpretation of data. Required. 3 credits.

665-62000 Thesis
Open only to qualified students who are preparing a preapproved independent scholarly thesis. Conducted on a conference basis with the thesis adviser. Guidelines are available from the graduate chair. The completed thesis must gain departmental and graduate office approval. Required for thesis plan. 6 credits.

665-63000 Independent Research
Student works in close cooperation with a professor in self-directed study, problem solving, or research investigation. Topic and proposal must be approved in advance by the sponsoring professor and graduate chair. A final written report in the approved form is required. 1-3 credits per course.

665-63100 Independent Reading
Reading in the field, arranged between the department and the student. May be related to research in progress. The topic and proposal must be approved in advance by the sponsoring professor and graduate chair. 1-3 credits.

665-66000 Internship
Supervised work experience in an agency related to the student's concentration in the master's degree program. Approval and support of a graduate faculty sponsor and the graduate chair are required and prerequisite coursework may be needed. 1-3 credits.

665-69900 Selected Seminars
In-depth seminars on particular topics associated with academic concentrations offered in the exercise and sports sciences programs. Students, together with instructors, explore and critically examine current readings, philosophies, theories, and/or practices associated with a given topic and discuss potential applications of these concepts to actual or simulated situations. Students are encouraged to repeat the Selected Seminars, but must select a different seminar each time. Elective.

665-71000 Computer Applications in Exercise and Sport Sciences
Acquaints students with applications in three computer environments: the IBM PC, the VAX, and the Macintosh. Students complete assignments in word processing, statistical analysis, and special applications in each environment. Other assignments cover website development, graphics, spreadsheets, and databases. Class discussions also include computer interfaces with laboratory equipment, innovative computer applications, and computer ethics. Required. 3 credits.

665-74200 Advanced Techniques of Athletic Training
Consideration of prevention, management, and rehabilitation of sports injuries. Essential concepts include anatomical basis of common injuries, injury assessment, and principles of therapeutic exercise for areas often injured. Laboratory time is included. Prerequisites: 663-24700 or equivalent, or permission of instructor.
The School of Music educates prospective teachers, performers, and composers in programs designed to develop persons of professional competence.

Ten graduate programs leading to the master's degree are offered: the master of music or master of science in music education; and the master of music in performance, conducting, music theory, composition, Suzuki pedagogy, strings, woodwinds, or brasses. Programs range from 30 to 36 credits of graduate study. A minimum combination of two consecutive terms of full-time study in residence is required for the master of music degrees in performance, composition, strings, woodwinds, or brasses. The master of science or master of music degree in music education may be pursued on a part-time basis. The master of music degrees in conducting, Suzuki pedagogy, and music education with Suzuki emphasis require two years in residence.

Admission Requirements
In addition to fulfilling the general admission requirements of the Division of Graduate Studies, applicants must have an undergraduate degree from an accredited institution with at least 36 credits in music.

M.S. and M.M. --- applicants should have an audition on the major instrument or voice or submit a taped performance. Contact the graduate chair in music regarding the content of the audition or tape recording to be submitted.

M.M. in performance --- applicants who submit tapes may also be required to audition in person to demonstrate their recital potential.

M.M. in composition --- applicants should submit representative scores and tapes in addition to a performance audition. A live interview is recommended.

M.M. in conducting --- applicants are required to submit an initial screening videotape of a rehearsal or performance they conducted recently. The purpose of this tape is to aid in the assessment of conducting competence. Candidates will be invited to audition based on the tape review.

M.M. in theory --- applicants must have an audition/interview with faculty members from the theory department, as well as producing evidence of ability and undergraduate preparation in music theory.

Comprehensive Examinations
All students must pass a final oral examination in their major field, as well as comprehensive exams in music theory and history. Non-performance degrees require an exam in the student's performance area as well. All written exams are given four times per year, while the oral exam is taken at the end of the course of study. Sample exams and exam outlines are available from the graduate chair.

Music Education (M.M. or M.S.)
This program offers candidates an opportunity to refine their teaching skills through a program involving performance, teaching, research, contemporary trends, and interaction with leaders in the field of music education. Applicants must have completed the requirements for New York State provisional certification, including successful practice teaching in music, or the equivalent requirements for another state. The final oral examination for music education students includes a teaching demonstration and submission of a process portfolio created during the student's coursework.

Music Education, Suzuki Emphasis
The Suzuki emphasis is open to candidates whose major performance areas are violin or viola. There is a two-year residence requirement. Candidates are required to attend a teacher training institute during the summer between the two years of residency. Candidates must meet the audition requirements expected of all performance degree applicants and are required to present a recital during their course of study. Acceptance into the Suzuki portion of the degree is subject to approval of the director of Suzuki emphasis at the end of the first term of study.
Composition

Applicants must demonstrate a level of proficiency on the major instrument equivalent to that required for completion of the bachelor of music degree at Ithaca College. They must also submit evidence of achievement and talent as composers, including at least two works. If possible, they should submit recordings of the works. All composers must pass a basic proficiency examination on piano before graduation.

- Performance (major instrument or piano) 4
- 551-65200 Bibliography and Research in Music 3
- 551-66100, Composition 9
- 66200, 66300
- 551-66000 Thesis 3
- 551-65600 Independent Research in 20th-Century Analysis 2
- 551-66400 Analytical Techniques 3
- Electives, including one course in theory 6
- Total 30

The thesis must be a composition of large proportion --- either chamber music (quartet or larger ensemble) or a work for orchestra, wind ensemble, or chorus with instrumental ensemble. The candidate must furnish two copies of the thesis for deposit in the College library. The thesis requirement also includes a full recital of compositions, the majority of them written in residence, and a performance of the thesis if possible.

Performance

Each applicant must demonstrate a level of proficiency equivalent to that required for completion of the bachelor of music degree in performance at Ithaca College.

- Performance (major instrument) 6
- Performance (minor instrument or ensemble, relative to candidate's major and professional needs) 2
- 551-65200 Bibliography and Research in Music 3
- 554-61100 Recital 2
- 554-61200 Lecture-Recital 1
- Electives in music theory, music history and literature, music education, applied music, or ensemble, including at least seven credits of coursework outside performance study or ensembles 16
- Total 30

Strings, Woodwinds, or Brasses

Applicants must demonstrate a level of proficiency on the major instrument equivalent to that required for completion of the bachelor of music degree at Ithaca College and a level of proficiency on the minor instruments equivalent to that required at the conclusion of the sophomore year at Ithaca College. Students who are deficient on one or more of their minor instruments must make up the deficiency before receiving credit for the respective instruments that would be applicable to degree requirements. The extent of major and minor instrument instruction is determined by the major adviser and the individual instructors.

Music Theory

Applicants must demonstrate a level of proficiency on the major instrument equivalent to that required for completion of the bachelor of music degree at Ithaca College. Through a required audition/interview with the theory department, they must also produce evidence of ability and undergraduate preparation in music theory before being admitted to this program.

- Performance (major instrument) 4
- 551-65200 Bibliography and Research in Music 3
- 551-44300 Pedagogy of Music Theory 3
- 551-66400 Analytical Techniques 3
- 551-66000 Thesis 3
- 551-65700-65800 Seminar in Music Theory 2
- Electives in music history and literature (5 credits minimum) and music theory (551-43100, 551-43200, 551-46500, or 551-66100) with two courses maximum among 551-57300, 551-57400, and 551-57500 12
- Total 30

Conducting

The degree program offers professional training in the four major conducting areas --- choral, music drama (opera and music theater), orchestral, and wind. In addition to studying primarily with a major area professor, the student studies privately with professors in two minor conducting areas. There is a two-year residency requirement. Each student must conduct a complete program in the major area and a particular program in each minor area in separate recitals. Applicants are required to submit a list of compositions studied for conducting during the past three years, indicating those works conducted in public performances. The list may also include works studied beyond the three year minimum. An in-person audition is required for all applicants, including an interview, live conducting in the major area, and performance in the principal performing area. Applicants are required to submit an initial screening videotape of a performance or rehearsal they conducted recently. This tape should be submitted before January 30; its purpose is to aid in the assessment of conducting competence. The tape will be evaluated before scheduling the audition. Music drama candidates must audition on piano at the level of a senior performance major.
Not more than one student will normally be admitted each year in each area, and each student will be awarded a conducting assistantship. Major-field coursework includes both applied conducting (score reading, score analysis, and conducting with major ensembles) and three literature courses in the major and minor conducting areas.

Private Conducting (major area --- 4; minor area --- 2)  
Performance (principal performing instrument; may be exempted through audition)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>551-65200</td>
<td>Bibliography and Research in Music</td>
<td>3</td>
</tr>
<tr>
<td>554-61100</td>
<td>Recital (major --- 2; minor --- 0.5, 0.5)</td>
<td>3</td>
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</tbody>
</table>

Three of the following major-field literature courses: Symphony, History and Literature of Opera, Choral Literature and Performance Practice, and Wind Literature and Performance Practice.

551-66400 Analytical Techniques 3  
Electives in music, including at least one of the following courses: Stylistic Analysis I, II, or III, Intro to Composition, Composition, Choral Arranging, or Orchestration 9-14

Total 36

Suzuki Pedagogy

The degree program is open to candidates whose major performance areas are violin or viola. There is a two-year residence requirement. Candidates are required to attend the Suzuki Teacher Institute during the summer between the two years of residency. Although specific audition requirements vary, all candidates must demonstrate the ability to perform a recital successfully during the period of degree study and must meet the audition requirements expected of all performance degree applicants.

Performance (major instrument) 6  
Performance (minor instrument or ensemble) 2  
554-61100 Recital (performance or lecture) 1-2  
61100/61200  
551-65200 Bibliography and Research in Music 3  
552-57100 Suzuki Seminar I 3  
552-57200 Suzuki Seminar II 3  
552-67300 Suzuki Practicum I 2  
552-67400 Suzuki Practicum II 2  
552-57100 Survey of Violin and Viola Literature 2  
552-74x00 Suzuki Summer Institute 3  
Electives 4-5  
Total 32

The decision to present either a performance or lecture recital is up to the student and the major performance studies teacher, in consultation with the graduate adviser.

Graduate Courses

Course numbers consist of two groups of digits --- a prefix designating the school and department in which the course is offered; and a five-digit number that identifies the specific course. The first of the latter five digits is the “level” of a course. Graduate students may take courses at level 4 (with permission of graduate chair and dean), level 5, level 6, and level 7. At least 50% of the degree coursework must be at level 6 or above. A maximum of five workshop credits may be used toward graduation.

Pass/Fail Option

Only graduate workshops may be taken for credit on a pass/fail basis.

Performance Study

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>556-60100</td>
<td>Voice</td>
<td></td>
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<tr>
<td>556-60300</td>
<td>Piano</td>
<td></td>
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<tr>
<td>556-60500</td>
<td>Organ</td>
<td></td>
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<tr>
<td>556-60700</td>
<td>Harpsichord</td>
<td></td>
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<tr>
<td>556-60900</td>
<td>Violin</td>
<td></td>
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<tr>
<td>556-61100</td>
<td>Viola</td>
<td></td>
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<tr>
<td>556-61300</td>
<td>Cello</td>
<td></td>
</tr>
<tr>
<td>556-61500</td>
<td>Double Bass</td>
<td></td>
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<tr>
<td>556-61700</td>
<td>Guitar</td>
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<tr>
<td>556-62100</td>
<td>Flute</td>
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<tr>
<td>556-62300</td>
<td>Oboe</td>
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<tr>
<td>556-62500</td>
<td>Clarinet</td>
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<tr>
<td>556-62700</td>
<td>Bassoon</td>
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<tr>
<td>556-62900</td>
<td>Saxophone</td>
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<tr>
<td>556-63100</td>
<td>French Horn</td>
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<tr>
<td>556-63300</td>
<td>Trumpet</td>
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<tr>
<td>556-63500</td>
<td>Trombone</td>
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<tr>
<td>556-63700</td>
<td>Euphonium</td>
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<tr>
<td>556-63900</td>
<td>Tuba</td>
<td></td>
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<tr>
<td>556-64100</td>
<td>Percussion</td>
<td></td>
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<tr>
<td>556-64500</td>
<td>Conducting</td>
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</tbody>
</table>

Each credit of private instruction involves one-half hour of instruction per week. Students may enroll for only 1 or 2 credits of performance study per semester, unless special approval is given by both the major teacher and the graduate chair. There is a one-credit performance study fee for study during the fall and spring semesters, and an additional fee for each credit of performance study taken during the summer session.

The graduate chair assigns instructors to music students. On the day of registration, students make appointments for private and class lessons in music at Ford Hall.

All full-time graduate students are expected to participate in at least one major ensemble, whether or not they are earning credit for ensemble. Assignment is normally made by audition. Exceptions will be decided by the graduate chair in consultation with the performance studies teacher, student, and conductor.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>554-60700/60800</td>
<td>Class Instruction</td>
<td>1-2</td>
</tr>
<tr>
<td>554-61100</td>
<td>Recital (permission of major professor)</td>
<td>1-3</td>
</tr>
<tr>
<td>554-61200</td>
<td>Lecture-Recital (permission of major professor)</td>
<td>1</td>
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</tbody>
</table>

Elective recitals and lecture-recitals are taken for 1 credit; recitals in conducting and in woodwinds, strings, or brasses are taken for 3 credits; all other required recitals are taken for 2 credits.
Ensembles

558-60400 Piano Ensemble 0-1
558-60500 Wind Ensemble 0-1
558-60600 Concert Band 0-1
558-60700 Symphonic Band 0-1
558-60800 Choir 0-1
558-60900 Chorus 0-1
558-61000 Women's Chorale 0-1
558-61100 Orchestra 0-1
558-61300 Madrigal Singers 0-1
558-61400 Contemporary Chamber Ensemble 0-1
558-61500 Guitar Ensemble 0-1
558-61900 Jazz Lab 0-1
558-62100 Chamber Orchestra 0-1
558-62200 Instrumental Chamber Music 0-1
558-62300 Brass Choir 0-1
558-62500 Vocal Jazz Ensemble 0-1
558-62700 Percussion Ensemble 0-1
558-64000 Musical Theater Rehearsal and Performance 0-1
558-64100 Trombone Troupe 0

Conducting

552-63300/63400 Choral Conducting Class 1-2
552-63500/63600 Instrumental Conducting Class 1-2

Music History, Literature, and Philosophy

551-45100 Instrumental Chamber Music Literature
A historical survey of instrumental chamber music from the Renaissance to the present day. 3 credits.

551-45200 History and Literature of the Art Song
A broad historical survey of the secular art-song from the Middle Ages to the present with greatest emphasis on the German, French, Italian, and English song repertory of the 18th and 19th centuries. 3 credits.

551-45300 Performance Studies in Early Music
The study and performance of early music for singers and instrumentalists. Projects will require transcribing music from primary and secondary sources, studying performance techniques on available historical instruments, and rehearsing and performing the transcribed music. Historical authenticity versus modern practicality will be discussed. May be repeated for credit. Class meetings: Two hours per week. 2 credits.

551-45700 History and Literature of Opera
History and development of opera from the Florentine Camerata to the present. Special projects in transcription from unpublished sources and presentation of performing editions are available to interested students. 3 credits.

551-45800 The Symphony
The study of orchestral music, tracing its development from the baroque era to the 20th century. Representative examples of the concerto and symphonic poem are included. 3 credits.

551-49500 Survey of Piano Literature I
The study of piano literature from the high baroque through the middle romantic periods. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one-half hour of lab meeting weekly. 1 credit.

551-49600 Survey of Piano Literature II
The study of piano literature from the middle romantic period through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Periodic examinations and individual projects are required. One hour of lecture and one-half hour of lab meeting weekly. 1 credit.

551-49700 Survey of Violin and Viola Literature
The study of violin and viola literature from the 17th century through the 20th century. The unique facets of each style are explored through analysis, outside readings, score study, guided listening, and individual performances. Weekly aural assignments, individual projects, and periodic examinations are required. 2 credits.

551-53900 Wind Literature and Performance Practice
The study of wind literature from its beginnings in the music of Gabrieli through the classical wind serenades of Mozart to the composers of today. The course will include music written for wind chamber groups as well as music for wind ensemble and the traditional concert band. 2 credits.

551-54000 Choral Literature and Performance Practice
A survey of choral literature and performance practices from the Renaissance to the present. 2 credits.

551-54100 Music in the Baroque Period
Survey of musical monuments from the 17th and 18th centuries with particular emphasis on the music of Monteverdi, Schütz, Lully, Purcell, Bach, and Handel. Special attention to questions of baroque aesthetics. 2 credits.

551-54200 Music in the Classical Period
Comprehensive study of major vocal and instrumental compositions by Haydn, Mozart, and their contemporaries, supplemented with analysis and performance of selected works. 2 credits.

551-54300 Music in the Romantic Period
History of musical style from Beethoven to Wagner, supplemented with class performances and intensive study of scores and primary sources. 2 credits.

551-54500 Studies in Contemporary Music
Analysis of trends and stylistic concepts of music in the 20th century. Musical illustrations and discussion of the works of leading American and European composers. 2 credits.

551-65200 Bibliography and Research in Music
Survey of the basic bibliographical materials and references in the various fields of music. Methods of research are considered, as well as the establishment and efficient use of bibliographical data. Attention to special bibliographical problems, practical research, and the writing of the research paper. This course should be taken in the first semester of degree study. 3 credits.

551-65400/65500 Independent Research
Research projects in the areas of music history, literature, theory, or pedagogy under the advisement of a faculty member from the appropriate field. May be taken for 1 credit by students who are preparing for a lecture recital to be given during the following semester. The project normally culminates in a paper or formal report. Prerequisites: 551-65200 and permission of the graduate adviser and the faculty member involved. 1-3 credits.

Music Theory and Composition

551-43100 Sixteenth-Century Counterpoint
Study of polyphonic techniques based on the stylistic principles of the 16th-century sacred literature. Composition of canons, motets, and movements from the mass. 2 credits.

551-43200 Eighteenth-Century Counterpoint
Study of polyphonic techniques based on the stylistic principles of the 18th-century keyboard literature. Invention (two and three
voice), choral prelude, canon, and fugue are studied. Analysis and written projects. 2 credits.

551-63500 Choral Arranging
Functional and theoretical writing for elementary and junior high school choruses, special choirs, and mixed choral groups. Analysis and study of choral part writing encompassing unison, simple two-, three-, and four-part, and multi-voice units. 2 credits.

551-43700 Orchestration
Study of orchestral and band instruments in terms of range, transposition, and individual characteristics. Scoring of works for both standardized and less common ensembles of various sizes. Performance of works in class whenever possible. 2 credits.

551-43900 Band Arranging
Transposition, ranges, and a study of sounds of various combinations of wind and percussion instruments. Scoring of works from piano and original compositions. Performance of works in class. 2 credits.

551-44300 Pedagogy of Music Theory
A survey of the pedagogic aspects of teaching music theory and solfeggio on the high school and college levels, with a focus on current techniques of approach, presentation, and implementation of suitable materials including programmed courses of study for theory and aural perception. 3 credits.

551-46400 Introduction to Composition I
Development of techniques of monodic writing with emphasis on styles from the 16th through 20th centuries. Detailed study of pitch and rhythmic procedures. Continuation with two-part writing culminating in pieces in small forms. 2 credits.

551-46500 Introduction to Composition II
Continuation of 551-46400 with expansion into large forms -- binary, ternary, rondo, and free forms. 2 credits.

551-57300 Stylistic Analysis I (Medieval and Renaissance)
Study of musical style and the development of important compositional techniques of music from Gregorian chant to the 16th century. 2 credits.

551-57400 Stylistic Analysis II (Classical and Romantic)
Detailed analysis of stylistic characteristics and important compositional techniques of composers from the classical and romantic eras, including works of Scarlatti, Sammartini, Haydn, Mozart, Beethoven, Schubert, Schumann, Mahler, Wolf, Chopin, Brahms, Liszt, Wagner, and others. A variety of analytical approaches is employed, based on their suitability to particular works. 2 credits.

551-57500 Stylistic Analysis III (Contemporary)
Study of musical style and important compositional techniques of the 20th century, as reflected in the music of Bartók, Berg, Webern, Schoenberg, Stravinsky, Hindemith, Powell, Persichetti, Copland, Carter, Schuller, and Ives. 2 credits.

551-57600 Graduate Theory Review
Review of the harmonic material of tonal music with attention to the analytical and writing skills of chromatic harmony, modulation, and tonal regions and the structural analysis of binary and ternary form. Does not count toward degree minimum requirements. 2 credits.

551-65600 Independent Research in Twentieth-Century Analysis
An independent research project required of composition majors. The student analyzes selected compositions from the 20th-century repertoire and writes a major paper comparing and contrasting the compositional techniques utilized. The project is directed by a member of the composition faculty, selected in consultation with the graduate chair. Prerequisites: 551-65200, 551-66400. 2 credits.

551-65700/65800 Seminar in Music Theory
Research, presentation, and discussion of papers by faculty and students in specific areas of theoretical study. 1 credit.

551-66000 Thesis
Independent research on a substantial topic that culminates in the thesis under the direction of a specific faculty member. The thesis must be in the area of analysis, pedagogy, or history and a logical outgrowth of the student's graduate coursework. The topic and proposal outline must be approved by the department. The thesis in music composition is described in the section on the major in composition, p. 28. 3 credits.

551-66100/66200/66300 Composition
Stimulation of the inventive capacity and realization of the musical concept in tones (and the symbols representing them). The student practices self-expression in a variety of the smaller and in some of the larger forms, and so becomes familiar with the skills required for composition. Knowledge of theory, harmony, and musical form is a prerequisite. Open only by permission of the instructor. 3 credits.

551-66400 Analytical Techniques
Introduction to the analysis of music using such approaches as set theory and information theory and the individual systems of Schenker, Hindemith, Reti, Babbitt, Forte, and Meyer. 3 credits.

Music Education

552-40100 Advanced Choral Conducting
Study of conducting choral music with a variety of styles and interpretive techniques. Students have the opportunity to conduct several visiting high school or college choirs during class sessions. 2 credits.

552-40200 Advanced Instrumental Conducting
Studies and practices aimed toward the improved clarity of basic stick technique through the use of unequal motions (rhythmic and melody). Practical exploration of rehearsal techniques with an emphasis on clarity and efficiency in solving problems of balance, ensemble, intonation, and phrasing. 2 credits.

552-55600 Foundations of Dalcroze Education
A comprehensive study of the history, philosophy, and pedagogical principles of the Méthode Jaques-Dalcroze as applied to the study of music at all levels. The course includes two eurhythmics lessons and one lecture per week. 2 credits.

552-57100 Suzuki Seminar I
An in-depth study of the philosophy, psychology, and pedagogy of the Suzuki method. An in-depth study of the Suzuki repertoire contained in the Suzuki Association of the Americas (SAA) Foundation Units, and Units I and II with emphasis on both the pedagogical understanding and the performance skills of the pieces. A special study is made of techniques needed to teach preschool children. 3 credits.

552-57200 Suzuki Seminar II
Continuation of Seminar I with emphasis on the repertoire and pedagogy continued in the SAA Units III and IV. An analysis of how Shinichi Suzuki's approach to the technique fits into the broader historical development of instrument technique. 3 credits.

552-65400 Portfolio and Presentation I
An independent planning, analysis, and reflective project directed by a member of the graduate music education faculty. Study includes the development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on the student's graduate music education coursework and teaching experience. Prerequisites: For matriculated music education graduate students, to be taken concurrently with 552-68000 Psychology of Music Teaching. 1 credit. NLA.

552-65500 Portfolio and Presentation II
A continuation of the project started in 552-65400. Further development of a process-product portfolio and a detailed investigation of personal pedagogical beliefs and practices based on
the student's graduate music education coursework and teaching experience leading to a final presentation. Prerequisites: For matriculated music education graduate students, to be taken concurrently with 552-68200 Seminar in Music Education. 1 credit. NLA.

552-67300  Suzuki Practicum I
A practical application of the techniques learned in Suzuki Seminars I and II in a "live" private school situation. 2 credits.

552-67400  Suzuki Practicum II
A practical application of the techniques learned in Suzuki Seminars I and II in a "live" private school situation. Completion of Suzuki Practicum II fulfills the requirements of SAA Unit IX. 2 credits.

552-68000  Psychology of Music Teaching
An investigation and discussion of current theories of learning as they relate specifically to the teaching of music. This course includes the study of specific teaching strategies, research techniques, tests and measurements, and the nature of musical response. 3 credits.

552-68200  Seminar in Music Education
Research, presentation, and discussion of papers on topics of concern to music education. Topics include special music teaching techniques and philosophy, curricular developments, current research, and educational policy. Prerequisites: 552-68000 or permission of instructor. 3 credits.

552-68300  Practicum in Teaching
A professional experience relating to the music teaching/learning process. Under the supervision of a music education faculty member, the student chooses one or more specific pedagogical topics. A synthesis of the topics is demonstrated during actual teaching situations, during discussions at personal conferences, and in a final written summary report. 2 credits.

552-68600  Choral Rehearsal and Vocal Techniques
Study, through lectures, class discussions, and student conducting, of basic principles and procedures in developing the choral ensemble and choral literature for various ensemble levels. Considerable attention is devoted to the care and teaching of the adolescent voice, both in the solo and the ensemble situation. 2 credits.

552-68700  Literature and Rehearsal Techniques for the Public School Wind Band
An investigation of principles and procedures for developing the public school wind band. 2 credits.

552-69000  Comprehensive Curriculum: General/Choral Music, K-8
For the instrumental and vocal music educator seeking a comprehensive understanding of pedagogical techniques and materials appropriate for general music and choral programs in a K-8 music curriculum. 3 credits.

552-69100  Music Education for the Special Learner
Materials, techniques, and curriculum for teaching music to the special learner in school music programs. 3 credits.

552-69200  Administration and Supervision of Music Education
Detailed consideration of the functions of supervisors and directors of music education in administering music programs in elementary and secondary schools. 3 credits.

552-69300  Music, Humanities, and Related Arts
An exploration of relationships between music and other arts. Consideration of works of art in terms of social, political, religious, economic, and philosophical implications. Teaching the arts as a humanistic discipline. 3 credits.

552-69800/69900  Curriculum Developments and the Contemporary Music Educator
Intensive course concentrating on recent trends in music education. One concept or development is studied in depth each semester in order to acquaint students fully with the practical, theoretical, and research techniques needed in effectively adapting new concepts of music teaching. 3 credits.

Additional Music Courses
554-41000  Feldenkrais for Musicians
This course is based on the “awareness through movement” lessons developed by Moshe Feldenkrais. Through gentle movement sequences, musicians can learn to improve coordination, posture, and balance which can lead to more artistic performance. 1 credit.

554-44500  Musical Theater Workshop
A team-taught, interdisciplinary, performance-oriented course designed to integrate musical and theater performance skills through the selection, development, and presentation of scenes from musicals. Admission by audition presented to the faculty at the first meeting of each semester or by permission of instructors. May be repeated for credit up to a maximum of 8 credits. 2 credits.

554-44700  Opera Workshop
A team-taught, interdisciplinary, performance-oriented course designed to integrate musical theater performance skills through the selection, development, and presentation of scenes from the standard and contemporary operatic repertoire. Admission by audition presented to the faculty at the first meeting of each semester or by permission of instructor. May be repeated for credit up to a maximum of 8 credits. 2 credits.

554-44900  Marching Band Techniques
A study of techniques employed by high school and college marching bands, including arranging fundamentals and charting procedures. Each student is required to chart an entire field show. Extensive use is made of film and videotape. 2 credits.

554-47000  Introduction to Brass Repair
An introduction to the care, maintenance, and repair of the trumpet, horn, trombone, and tuba. 1 credit.

554-47100  Introduction to Woodwind Repair
An introduction to tools and tool making, care of woodwinds, emergency repairs, basic clarinet repair skills, and work with flute and saxophone. This course is less detailed than 554-47200 Woodwind Repair. 1 credit.

554-47200  Woodwind Repair
A skill development course designed to help the musician care for and service woodwind instruments. Primary emphasis is on clarinet, followed by significant coverage of flute and saxophone, with brief units on oboe and bassoon. Individual projects are encouraged as competence progresses. 2 credits.

554-49300  Piano Pedagogy
In-depth study by keyboard majors of methods and materials pertaining to the study of piano as both a major and minor instrument. Special consideration is given to the area of beginning piano study. Various aspects of both the group and individual lesson are considered. 2 credits.

554-49400  Piano Technology
Study of the art and science of piano tuning, repair, and action regulating, including history of the piano and its predecessors, physics of keyboard instruments, and practical work in maintenance and rebuilding of pianos. 2 credits.

554-55000  Reed Making
Laboratory course in the making of single and double reeds. 1 credit.

554-55400  Vocal Pedagogy
Aspects of teaching voice, private or group, on the secondary and college level. Writings of vocal pedagogues and voice scientists are studied. Students are expected to develop vocal exercise procedures and compile lists of adaptable teaching repertoire. Faculty members
assist with lectures and discussions. Course not limited to voice majors, but vocal ability adequate to demonstrate is required. 2 credits.

**Summer Suzuki Teacher Institute**

The [Ithaca College Suzuki Teacher Institute](#) provides an intensive study of the Suzuki method with guest instructors. A broadened view of the method itself is presented together with an opportunity to share in discussion groups with a wide range of teachers and graduate students. The institute also provides opportunities to observe 40 to 50 international faculty members at work with students from the United States and Canada. Students normally enroll in two SAA Unit courses during the summer institute for a total of 3 credits.

Each Suzuki summer institute is an in-depth study of the repertoire of one SAA unit, with emphasis on both the pedagogical understanding and the performance skills of the pieces.

<table>
<thead>
<tr>
<th>Course</th>
<th>SAA Unit</th>
<th>Credit</th>
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<tr>
<td>552-74000</td>
<td>Foundation Unit</td>
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<tr>
<td>552-74100</td>
<td>Unit I</td>
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<td>552-74200</td>
<td>Unit II</td>
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<td>552-74400</td>
<td>Unit IV</td>
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<tr>
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<td>552-74800</td>
<td>Unit VIII</td>
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</table>
Occupational Therapy
Major Adviser: Carole Dennis, Graduate Chair, cdennis@ithaca.edu

The Department of Occupational Therapy offers a five-year master of science program in occupational therapy in which students receive a B.S. in occupational science and an M.S. degree in occupational therapy after the fifth year. Students must complete the fifth year to be eligible for the national certification examination and state licensure as occupational therapists. This program is designed as a freshman-entry program, and graduate students are admitted only from the Ithaca College undergraduate occupational science program. The undergraduate component of this program is described in the Ithaca College undergraduate catalog.

The fifth year of the occupational therapy program takes place on the Ithaca College campus and at clinical fieldwork sites located throughout the country. The graduate year of study consists of 43 credits of graduate work, including 16 credits of clinical fieldwork education. The graduate year includes one full academic year of study and two summers. Students may elect a thesis or non-thesis option, but all engage in research-related activities during this year, which is designed to provide depth and breadth of education beyond traditional entry-level occupational therapy education.

The occupational therapy program at Ithaca College is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA, 4720 Montgomery Lane, P.O. Box 331220, Bethesda, MD 20824-1220. Telephone 301-652-AOTA).

Graduates of the master's program will be eligible to sit for the national certification examination administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the graduate will be an occupational therapist, registered (OTR). In New York and most other jurisdictions, a professional license is also required for practice. Although the NBCOT examination generally serves as the licensing examination, graduates are required to apply separately for certification and state licensure before entering clinical practice.

Admission Requirements
To be eligible for admission, students must have completed their B.S. degree in occupational science at Ithaca College with a cumulative GPA of 3.00 or higher. Students who have completed the degree with a cumulative GPA below 3.00, but equal to or greater than 2.700, will be required to pass a departmental graduate admissions examination at the completion of the spring semester of their senior year to be admitted to the graduate program.

Academic Standards
Students are expected to maintain a GPA of 3.00 or higher during their graduate studies. Students may not receive a C (C-, C, or C+) for more than 6 credits, or an F for more than 3 credits during their graduate academic study. Students who fail to meet these standards in any semester will be placed on academic warning.

If a student receives a grade of F for a level II fieldwork class he or she will be placed on academic warning by the department and the Division of Graduate Studies. The student must register for and successfully complete an alternate fieldwork assignment as scheduled by the academic fieldwork coordinator. The faculty may require remedial work or apply special conditions that the student must meet before allowing the student to repeat this class. If the student successfully completes this course, he or she may continue in the program; however, no one will be allowed more than one repeat of a level II fieldwork class. These policies, as well as academic, clinical, and professional behavior standards are published in the Occupational Therapy Student Manual, the Occupational Therapy Fieldwork Manual, and the Ithaca College undergraduate catalog.

Master of Science in Occupational Therapy

Graduation Requirements
1. Completion of the B.S. program in occupational science at Ithaca College.
2. Completion of the required courses listed below.
3. Completion of a research project or thesis that includes a proposal, data collection or library research, analysis, and presentation of results. The research thesis is conducted under the supervision of faculty members and must meet professional publication standards. Students will prepare research proposals in the research methods course (673-67000). Students' proposals must be accepted for thesis research by the faculty. These students will register for 673-67200 Individual Research --- Thesis. Students who do not undertake a thesis must take 673-67100 Group Research and 673-61000 Supervision in Occupational Therapy, and pass a comprehensive examination developed by the faculty prior to graduation.

Major department requirements

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<tr>
<th>Course</th>
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<tr>
<td>673-62000</td>
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<tr>
<td>673-63000</td>
<td>Preventive Health Care and Patient Education</td>
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</tr>
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<td>673-63100</td>
<td>Consultation, Community, and Alternative Models</td>
<td>2</td>
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<tr>
<td>673-64000</td>
<td>Activity Group Process</td>
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</tr>
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<td>673-65000</td>
<td>Pediatric Neurodevelopmental Theory and Practice</td>
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<td>673-65100</td>
<td>Adult Neuroscience</td>
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<td>673-67000</td>
<td>Research Methods</td>
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Clinical Fieldwork

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<tr>
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<td>673-69000</td>
<td>Clinical Fieldwork II --- Adult and Geriatric</td>
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</table>
Ithaca College Graduate Catalog 2001—2002

Research
673-67200 Individual Research --- Thesis (4) or
673-61000 Supervision in Occupational Therapy (2) and
673-67100 Group Research (2)
Total, research 4

Graduate elective
3 credits from the following:
673-64100 Diagnosis of Life Roles and Functional Adaptation (3)
673-64200 Advanced Concepts in Adapting Environments (3)
673-64300 Cognitive Rehabilitation (3)
673-64400 Technology in Occupational Therapy Intervention (3)
673-64500 Vocational Readiness (3)
Total, graduate elective 3

Specialty seminar
3 credits from the following:
673-68100 Advanced Concepts in Physical Disabilities (3)
673-68200 Advanced Concepts in Psychosocial Occupational Therapy (3)
673-68300 Advanced Concepts in Geriatric Rehabilitation (3)
673-68400 School-Based Occupational Therapy (3)
673-68500 Hand Therapy (3)
Total, specialty seminar 3
Total, M.S. in occupational therapy 43

Clinical Fieldwork
Clinical fieldwork is an essential part of professional training, and students must complete three level II fieldwork experiences in preparation for their degree and certification. Fieldwork centers maintain contractual relationships with Ithaca College, and students are placed in fieldwork centers by the fieldwork coordinator well in advance of the beginning of these placements. Once confirmed, student placements are not alterable by the student.

Students will be assigned to fieldwork based on their preferences and the availability of placements. Students should expect to do at least some of their fieldwork at a distance from their homes and Ithaca. They are responsible for making their own housing and travel arrangements, although the department and the center are usually able to provide some help. Students and families need to plan ahead for this process.

The Accreditation Council for Occupational Therapy Education (ACOTE) requires that all level II fieldwork experiences be completed within 24 months of the completion of the academic portion of the curriculum. Students who fail to complete graduate fieldwork within this period are subject to dismissal from the program.

Course Descriptions
In the following course descriptions, F=Fall, S=Spring,
Sum=Summer, Y=Yearly, IRR=Offered at irregular intervals.

673-59800 Special Topics in Occupational Therapy
Formal instruction in topics of current interest to graduate students and faculty in occupational therapy. Experimental and topical courses will be offered under this number and title. Course may be repeated for credit, for different selected topics. Prerequisites: Permission of instructor. 1-3 credits (IRR)

673-60000 Clinical Fieldwork II --- Children and Adolescents
Three months of full-time supervised clinical experience with opportunity to treat pediatric patients/clients. Assignment in training center program approved in accordance with the American Occupational Therapy Association’s standards. Graded pass/fail only. Required. 6 credits. (Sum, Y)

673-61000 Supervision in Occupational Therapy
An applied course in supervision relating to the practice of occupational therapy. Includes elements of supervision, organizational behavior, and interaction strategies to further psychomotor, cognitive, and affective learning outcomes. Elective alternative to 673-67200. Corequisite: 673-67100. 2 credits. (S,Y)

673-62000 Advanced Theory and Practice
Examination and critique of definitions, philosophy, generic base, and concepts in occupational therapy. Occupational therapy theory development, structure, and function are analyzed and critiqued as they relate to basic assumptions, frames of reference, and implications for practice and research. Focus is on research and theory development, and the application of theory to occupational therapy practice. Required. No prerequisite. 3 credits. (S,Y)

673-63000 Preventive Health Care and Patient Education
The process of adapting patterns of behavior so they will lead to improved health and heightened life satisfaction. The link between health, prevention of health problems, and behavior patterns is discussed. States of mind, thoughts, feelings, self-efficacy, coping strategies, and use of social support mechanisms in wellness and prevention are considered. Roles of therapists as educators are discussed, and skills in patient education are developed. No prerequisite. Required. 3 credits. (F,Y)

673-63100 Consultation, Community, and Alternative Models
The practice of occupational therapy in nontraditional and community-based settings. Emphasis is on alternative models of delivery, including consultation and monitoring. Roles of occupational therapists in industry, private practice, prevention programs, and emerging areas of practice are explored. Skills and issues related to effective and ethical practice are addressed. Required. 2 credits. (S,Y)

673-64000 Activity Group Process
The use of groups in occupational therapy, with special emphasis on activity-based groups. Concepts and theories of group formation, development, structure, and leadership introduced in earlier courses are expanded and practiced as they apply to adults and children. Development of group protocols and management of groups are practiced. Research on the use of groups is discussed. Required. 3 credits. (F,Y)

673-64100 Diagnosis of Life Roles and Functional Adaptation
Impact of pathological, traumatic, or genetic gaps in individual development considered by assessment of the patient's performance in past and present roles. Problem solving strategies and methods of skill acquisition are considered within a holistic framework for rehabilitation and habilitation. Elective. 3 credits. (F, IRR)

673-64200 Advanced Concepts in Adapting Environments
Adaptation of physical, emotional, social, and cultural environments to promote patient/client success. The external barriers that impede successful functioning. Development of specialized equipment and methods of adapting equipment and physical space. Environmental adaptation includes time, space, and technical aspects that promote optimal functioning. Elective. 3 credits. (F, IRR)
673-64300  **Cognitive Rehabilitation**  
Occupational therapy assessment and intervention for persons with cognitive dysfunction. Evaluation instruments are derived from various theoretical perspectives. The focus is on assessment and intervention with brain injured adults, but other patient populations are also considered. Intervention strategies and critical analysis of research are emphasized. Elective. 3 credits. (F, IRR)

673-64400  **Technology in Occupational Therapy Intervention**  
Theoretical concepts and principles related to the application of assistive technology. Assistive devices are used to increase functional abilities and foster independence in clients of all ages in self-care, work, and leisure pursuits. Simple and complex high technology devices are described. Client assessment, selection of appropriate devices, and training in the use of the devices are discussed. Elective. 3 credits. (F, IRR)

673-64500  **Vocational Readiness**  
The role of occupational therapy in the vocational readiness process. Includes a review of vocational development and values, theoretical models, assessment, planning, treatment, and documentation. Vocational programming for children, adolescents, and adults with a variety of disabilities is discussed. Laboratory activities in vocational assessment and training are included. Students completing the course will be certified in the McCarron-Dial Work Evaluation System. Elective. 3 credits. (F, IRR)

673-65000  **Pediatric Neurodevelopmental Theory and Practice**  
Neurodevelopmental theories as they apply to pediatric practice. Sensory integration (SI) theory and treatment of learning disabled children, including neurodevelopmental theory (NDT) and practice. Evaluation and treatment of children with brain damage using a Bobath perspective. Clinical experience working with children having cerebral palsy, learning disabilities, and related conditions. Elective alternative to 673-65100. No prerequisite. 3 credits. (F, Y)

673-65100  **Adult Neuroscience**  
Neurologically based approaches to the treatment of adults with stroke, head trauma, and other neurological disorders. Includes review of neuroanatomy and physiology, discussion and critique of neurologically based models, including NDT, PNF, Brunstrom, and Rood techniques and neurologically based modalities such as biofeedback and TENS. Elective alternative to 673-65000. No prerequisite. 3 credits. (F, Y)

673-67000  **Research Methods**  
Scientific approach to conceptual foundations of occupational therapy, basic research methodology, analysis, and interpretation of data. An appreciation is developed for professional research development and objective analysis. The course guides students in developing research proposals, developing human subjects applications, and writing a proposal for either a thesis or project to be carried out during second semester. Required. 3 credits. (F, Y)

673-67100  **Group Research**  
A research course for students who do not elect to conduct individual research for a thesis, covering the process of collecting and analyzing data of various kinds and the reading, criticism, and writing of research. Elective alternative to 673-67200. Corequisite: 673-61000. 2 credits. (S, Y)

673-67200  **Individual Research --- Thesis**  
Preparation of an independent, scholarly research paper under the supervision of a member of the graduate faculty in occupational therapy. Open only to those who have prepared a research proposal for a thesis while taking 673-67000 Research Methods. An oral presentation of the thesis is required. Elective. 4 credits. (S, Y)

673-68100  **Advanced Concepts in Physical Disabilities**  
A seminar examining current literature and thought in the treatment of adults with disabilities, with opportunities to expand skills and knowledge in advanced techniques. Research into the effectiveness of occupational therapy modalities is included. Elective. Prerequisite: 673-65000 or 673-65100. 3 credits. (S, IRR)

673-68200  **Advanced Concepts in Psychosocial Occupational Therapy**  
A seminar on current trends in occupational therapy in mental health care. Focus is on advanced concepts of human adaptation and treatment for psychiatric dysfunction. Implications for the future of occupational therapy in mental health are explored. Elective. Prerequisites: 673-65000 or 673-65100. 3 credits. (F, IRR)

673-68300  **Advanced Concepts in Geriatric Rehabilitation**  
A seminar on health care and community support as they relate to the needs of disabled and nondisabled elderly people. Covers the importance of interdisciplinary practice; the rationale for prevention, environmental adaptation, and activity; factors involved in healthy, successful aging; and major health care legislation and reimbursement mechanisms and their ramifications in gerontological rehabilitation. Elective. Prerequisite: 673-65000 or 673-65100. 3 credits. (S, IRR)

673-68400  **School-Based Occupational Therapy**  
A seminar on current trends in occupational therapy in schools. Includes the individual educational plan (IEP) process, the education team and system, treatment implementation, and documentation methodologies appropriate to school systems. Programming for children from birth to age 21 is included. Elective. Prerequisites: 673-65000 or 673-65100. 3 credits. (S, IRR)

673-68500  **Hand Therapy**  
Seminars on the knowledge, skills, and practices of hand therapy and rehabilitation. Hand injuries and surgery, use of physical agent modalities in hand therapy, treatment protocols, advanced splinting, and ethical and legal issues are covered. Elective. Prerequisite: 673-65000 or 673-65100. 3 credits. (S, IRR)

673-69000  **Clinical Fieldwork II --- Adult and Geriatric**  
Three months of full-time supervised clinical experience with opportunity to treat adult and geriatric patients. Assignment in training center programs approved in accordance with the standards of the American Occupational Therapy Association. Graded pass/fail only. Required. 6 credits. (April-June, Y)

673-69500  **Clinical Fieldwork II --- Elective Specialty**  
Two or three months of full-time, supervised clinical experience with opportunity to plan, implement, and evaluate treatment for patients or clients in a specialty area selected by the student in consultation with the fieldwork coordinator. Graded pass/fail only. Required. Prerequisites: 673-69000 and 673-69900. 4 credits. (S, Y)

673-69900  **Graduate Independent Study**  
Individual research and writing in an area of occupational therapy practice, research, or theory under supervision of OT faculty member. An approved design statement is required upon registration. Prerequisite: permission of supervising faculty member, graduate, department chairs and dean. 1-3 credits. (F, S, Su, Y)

673-69600  **Elective Internship**  
Eight week, full-time (or equivalent) internship with opportunity for student to apply occupational therapy theory and principles in a nontraditional setting under the supervision of a person with demonstrated competence in a specialized area of consultation or service delivery. Alternate to Clinical Fieldwork II --- Elective Specialty (673-69500). Prerequisites: 673-6900 or 673-6990. 4 credits. (S, Y)
The physical therapy department offers a five-year dual-degree program in clinical science and physical therapy. Students receive a bachelor of science degree in clinical science after four years of study at the Ithaca campus, and a master of science degree in physical therapy after the fifth year of study at the Rochester campus. Students must complete the fifth year to be eligible for physical therapy licensure. The five-year program is designed for both freshman entry and transfer applicants. The undergraduate component of the five-year program is described in the Ithaca College undergraduate catalog. Applications are in the College’s admissions prospectus.

The fifth year in physical therapy is an extension of the B.S. in clinical science curriculum on the Ithaca campus. The undergraduate program provides depth and breadth in the liberal arts and basic sciences, promoting independent study, skills for clinical practice, and an understanding of theory, communication, and critical thinking. The fifth year of study, a 12-month period, takes place at the Ithaca College Department of Physical Therapy on the University of Rochester campus. Students participate in learning opportunities in conjunction with Strong Memorial Hospital and the diverse clinical and research opportunities of the greater Rochester area. Full-time placements at clinical affiliations located throughout the country total 30 weeks and are integrated into the last three years of the program.

Admission Requirements
To be eligible for admission to the graduate year, applicants must have completed the B.S. program in clinical science and have achieved a cumulative GPA of at least 3.000.

Departmental Regulations
Academic Warning
In the event that a student finishes an academic block (12 credits) at a GPA below 3.000, or fails to remove a grade of incomplete (I) in the allotted time, or withdraws from a required course, or fails, drops, or withdraws from a clinical education course, the student will be placed on academic warning by the Division of Graduate Studies. Students may be allowed to progress in the curriculum only under conditions specified and approved by the department. Remediation for removal of academic warning status will be determined by the department faculty. Graduate students on academic warning may not be allowed to progress to clinical education courses. Warning will be removed when both of the following criteria are met:

1. The student's GPA for the following block (of 12 or more credits) is 3.000 or greater.
2. The student's overall GPA for the graduate year is 3.000 or greater.

If a student receives a grade of F on a clinical affiliation, he or she will be issued an academic warning by the Division of Graduate Studies. The student must remediate this grade in one or more of the following ways, as recommended by the faculty:

1. Attend an equivalent affiliation and receive a grade of pass.
2. Perform remedial work under the supervision of one or more faculty members.

Upon successful remediation, the warning will be removed and the student will be allowed the opportunity to progress in the program.

Academic Dismissal
A graduate student in the Department of Physical Therapy can be subject to dismissal for any of the following reasons:

1. Receiving a total of more than 6 credits of C (C-, C, C+) during the graduate year
2. Receiving a grade of F for any course in the graduate year (excluding clinical affiliation)
3. Remaining on academic warning for any two consecutive blocks of 12 or more credits each
4. Failing, dropping, or withdrawing from any two clinical education courses (undergraduate or graduate)
5. Failing to complete departmental remediation as prescribed by the faculty within the allotted time

Housing and Transportation Arrangements for Clinical Affiliations
During the full-time clinical affiliation, students are responsible for making housing arrangements and transportation to and from clinical facilities.

Master of Science in Physical Therapy
Graduation Requirements
All required graduate coursework is listed below and must be taken in sequence unless permission to deviate from the sequence or time frame has been approved by the faculty. Candidates for an advanced degree in physical therapy are required to meet all requirements for graduation within three years of their matriculation into the graduate program.

All physical therapy majors must take graduate-level courses offered by the Department of Physical Therapy for a letter grade unless otherwise specified in the course descriptions.

Curriculum

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<tr>
<th>Course Code</th>
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<th>Credits</th>
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<td>671-60100</td>
<td>Pathokinesiology</td>
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<td>Psychosocial Aspects of Patient Care</td>
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<td>671-60300</td>
<td>Cardiac Testing and Mangement</td>
<td>2</td>
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<tr>
<td>671-60500</td>
<td>Pulmonary Testing and Mangement</td>
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<tr>
<td>671-60600</td>
<td>Orthotics and Prosthetics</td>
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<tr>
<td>671-60700-671-60800</td>
<td>Research I-II or</td>
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<tr>
<td>671-63000-671-63100</td>
<td>Thesis I-II</td>
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<tr>
<td>671-61000</td>
<td>Clinical Education III</td>
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<tr>
<td>671-61100</td>
<td>Clinical Education IV</td>
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<tr>
<td>671-61200</td>
<td>Clinical Education V</td>
<td>3</td>
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Course Descriptions

In the following course descriptions, F = fall, S = spring, Y = yearly.

**671-60000 Clinical Conference II**
Preparation for learning in the clinical environment. Students receive instruction on how to determine their own learning style, perform self-evaluation, and incorporate this information into the clinical education objectives. Includes techniques for problem solving, providing and accepting feedback, effective communication skills, and development of professional behaviors. 1 credit.

**671-60100 Pathokinesiology**
Presents specific pathological conditions (primarily organized according to anatomical regions) that result in disorders of posture, movement, and locomotion. The presentations and analyses of these pathokinesiological conditions include neurological, neuromotor, and musculoskeletal aspects with respect to the causes of dysfunction. Laboratory exercises require the student to use movement analysis equipment to demonstrate pathomechanics and abnormal movement patterns. 3 credits. (F,Y)

**671-60200 Psychosocial Aspects of Patient Care**
Review of psychological and social issues affecting patients and therapists in the clinic, home, and community environments. Addresses special topics relevant to assessing a patient’s and clinician’s response to illness. These topics include terminal illness, sexuality and illness or disability, psychosomatic illness, and selected psychiatric disorders. 2 credits. (S,Y)

**671-60300 Cardiac Testing and Management (NLA)**
Review of normal cardiac physiology and the response of this system to exercise and disease. Cardiac pathologies are discussed, including a review of the medical and surgical management of specific disease groups. Evaluation procedures utilized to determine the status of the cardiac system’s performance are studied and performed in the laboratory. Clinical management procedures used by all members of the rehabilitation team are reviewed with emphasis on specific physical therapy procedures. 2 credits. (S,Y)

**671-60500 Pulmonary Testing and Management (NLA)**
Review of normal pulmonary physiology and the response of the pulmonary system to exercise and disease. Pulmonary pathologies are discussed, including a review of the medical and surgical management of specific disease groups. Evaluation procedures utilized to determine the status of the pulmonary performance are studied and performed in the laboratory. Clinical management procedures used by all members of the rehabilitation team are reviewed with emphasis on specific physical therapy procedures utilized with pulmonary disease. 2 credits. (S,Y)

**671-60600 Orthotics and Prosthetics**
Includes an in-depth review of the principles and practices of orthotics and prosthetics as applied by a physical therapist. This includes a survey of the basic biomechanical principles utilized in applying orthotic and prosthetic appliances as well as principles of patient application, training, and management of complications. 2 credits. (S,Y)

**671-60700 Research I**
Principles and methods of scholarly inquiry. Topics include formulation of research problems, literature review, hypothesis testing, techniques of data collection, and analysis of results. Historical and philosophical methods are introduced, but the course focuses on descriptive and experimental methods. Culminates in a written preliminary research outline. 2 credits. (F,Y)

**671-60800 Research II**
Application of research theory to interpretation, analysis, and synthesis of scientific literature. Through group projects, the student is required to perform literature review and define methodologies including sampling, instrumentation, design analysis of data, and issues concerning reliability and validity. Culminates in a project presentation. Prerequisites: 671-60700. 2 credits. (S,Y)

**671-61000 Clinical Education III**
This is the third placement for a student in a clinical environment. The student is given the opportunity to apply more advanced theories and treatment procedures to a selected patient caseload with guidance from a clinical instructor. Six weeks in length. Prerequisites: Satisfactory completion of all prior required coursework. Pass/fail only. 3 credits. (F,Y)

**671-61100, 670-61200 Clinical Education IV, V**
These are the final placements of the student in a clinical environment. Two six-week sessions. Prerequisites: Satisfactory completion of all prior required coursework. Pass/fail only. 3 credits each. (Sum, Y)

**671-61300 Clinical Sciences I --- Orthopedics**
The pathogenesis, clinical presentation, medical and surgical management, and rehabilitation of orthopedic disorders. 3 credits. (S,Y)

**671-61400 Clinical Science II --- Medicine**
Survey of the most common diseases found in the practice of general medicine. Presentations emphasize medical management procedures and include a discussion of physical therapy procedures applied to this varied patient population. 2 credits. (F,Y)

**671-61500 Clinical Science III --- Neurology I**
Assessment and management of the adult patient with acquired brain disorders. 4 credits. (S,Y)

**671-61600 Clinical Sciences IV --- Surgery**
Survey of the most common forms of general surgery encountered in the practice of physical therapy. Emphasis is on general surgical techniques including indications, expected outcomes, and complications, as well as the pre- and postoperative role of the physical therapist. An in-depth review of peripheral vascular disease, decubitus ulcer, and burn management is presented. Corequisites: None. 3 credits. (S,Y)

**671-61700 Clinical Science V --- Neurology II**
The medical and physical therapy management of brain stem, spinal cord, and lower motor neuron disorders. Special emphasis is on the rehabilitation of the spinal cord-injured patient and the patient with multiple sclerosis. Prerequisites: 671-61500. 3 credits. (S,Y)

**671-61800 Clinical Science VI --- Pediatrics**
Etiology, pathology, diagnosis; medical, surgical, and clinical examination and evaluation; and physical therapy management of pediatric disorders of the neuromuscular system. The physiological basis and therapeutic techniques of neurophysiological approaches to intervention are examined. 3 credits. (S,Y)

**671-61900 Geriatrics in Physical Therapy**
Study of the special needs of the older adult. Preparation to plan physical therapy management of the problems of older individuals
through consideration of age-related changes, psychosocial characteristics, and the continuum of services available for this population. Adaptations of evaluation and treatment methods for older persons are also discussed. 1 credit. (S,Y)

671-62000 Professional Issues in Physical Therapy
Specific issues concerning the practice, education, specialization, and recruitment of physical therapists; how physical therapists relate to other health care professionals, from a local to a global perspective; various ethical and health care reform issues that specifically affect physical therapy. 1 credit. (F,Y)

671-62100 Clinical Education IV (NLA)
This is the final placement for students in a clinical environment. One 12-week session. Prerequisites: Satisfactory completion of all prior coursework. Students must register for this course OR 671-61100 and 671-61200. Pass/Fail only. 6 credits. (Sum,Y)

671-63000, 670-63100 Thesis I, II
Independent research that is theoretically sound and relevant to furthering the knowledge base of physical therapy. The courses are geared to prepare students to perform independent research or to pursue a doctoral degree. The courses are conducted over the entire year of graduate study (670-63000 in the fall, 670-63100 in the spring) and culminate in a written thesis that must be approved by the department and the graduate office. Open only to students with a 3.300 undergraduate GPA or higher who successfully pass a faculty review. Elective.
Speech-Language Pathology and Audiology
Major Adviser: E. W. Testut, Ph.D., Chair of Graduate Programs, testut@ithaca.edu

The American Speech-Language-Hearing Association (ASHA) Council on Academic Accreditation accredits the graduate programs in the Department of Speech-Language Pathology and Audiology. The department offers two major areas of study.

Speech-language pathology --- this program prepares students to meet:
- Academic and clinical requirements for the ASHA certificate of clinical competence in speech-language pathology (CCC-SLP).
- Eligibility requirements for the clinical fellowship and praxis examination. Successful completion of these is required for the ASHA CCC-SLP.
- New York State licensure requirements.

Teacher of speech and hearing handicapped --- this program prepares students to meet:
- Academic and clinical requirements for the New York State permanent teaching certificate.
- Academic and clinical requirements for the ASHA certificate of clinical competence in speech-language pathology (CCC-SLP).
- Eligibility requirements for the clinical fellowship and praxis examination. Successful completion of these is required for the ASHA CCC-SLP.
- New York State licensure requirements.

The programs are designed for full-time study, beginning in the fall of each year. Students entering without deficiency typically complete the program in approximately 18 months. However, the amount of time required to complete the degree programs depends on the student's clinical and academic background at time of admission.

Application for Admission
Submit all application materials to the Division of Graduate Studies by February 1 for fall admission. These must include:
- Application fee
- All official transcripts
- GRE scores
- Two letters of recommendation

Applicants whose baccalaureate major was not in speech-language pathology may apply for admission. However, if admitted, the graduate admissions committee will evaluate their undergraduate work to determine coursework to be completed prior to matriculation.

Graduate Assistantships
Students applying for graduate admission may apply for a graduate assistantship as well. The department awards assistantships each year based on scholarship and taxable salary. Students awarded graduate assistantships fulfill duties in the department as assigned. The application for assistantship deadline is February 1.

Graduation Requirements
The graduate programs in the Department of Speech-Language Pathology and Audiology do not offer a pass/fail grading option for any class or clinical practicum experience. Degree requirements for all programs must be completed within six years of the matriculation date.

Speech-Language Pathology
Requirements
1. Matriculated status
2. Completion of a minimum of 39 graduate credits distributed in the following manner:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>620-66100</td>
<td>Clinical Practicum I</td>
<td>1</td>
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<tr>
<td>620-66200</td>
<td>Clinical Practicum II</td>
<td>1</td>
</tr>
<tr>
<td>620-66300</td>
<td>Externship in Speech-Language Pathology</td>
<td>2</td>
</tr>
<tr>
<td>620-66500</td>
<td>Externship in Speech-Language Pathology II</td>
<td>3</td>
</tr>
<tr>
<td>620-64300</td>
<td>Principles of Evaluation and Diagnosis in Speech-Language Pathology</td>
<td>2</td>
</tr>
<tr>
<td>620-60000</td>
<td>Differential Diagnosis in Audiology I</td>
<td>3</td>
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<tr>
<td></td>
<td>Electives in speech-language pathology</td>
<td>27</td>
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<td></td>
<td>Total</td>
<td>39</td>
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</table>

3. Passing the comprehensive examination if 620-68000 is not elected (Details for the examination and thesis are available through the Department of Speech-Language Pathology and Audiology.)
Teacher of Speech and Hearing Handicapped

Requirements
1. Matriculated status
2. Provisional certificate or certificate of eligibility
3. Completion of a minimum of 39 graduate credits distributed in the following manner with a grade of B (3.0) or better in each required course:

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>620-64300</td>
<td>Principles of Evaluation and Diagnosis in Speech-Language Pathology</td>
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<tr>
<td>620-65200</td>
<td>Developmental Language Disorders</td>
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<td>620-65700</td>
<td>Current Research in Speech Pathology and Audiology</td>
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<td>620-66000</td>
<td>Differential Diagnosis in Audiology I</td>
<td>3</td>
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<tr>
<td>620-66100</td>
<td>Clinical Practicum I</td>
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<tr>
<td>620-66200</td>
<td>Clinical Practicum II</td>
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<tr>
<td>620-66300</td>
<td>Externship in Speech-Language Pathology I</td>
<td>2</td>
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<tr>
<td>620-66500</td>
<td>Externship in Speech-Language Pathology II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 39 credits

4. Passing the comprehensive examination if 620-68000 is not elected

5. Completion of the competency-based teacher education program (details available from the department office). Two years of teaching experience in the public schools is an additional requirement for permanent certification in New York State.

Course Descriptions

All courses require permission of the instructor.

620-59300 Speech Science
Provides the advanced undergraduate major and the beginning graduate student in speech-language pathology with the fundamental principles of speech science. Readings, lectures, and discussion focus on the acoustics, physiology, and aerodynamics of speech production and perception. Students are introduced to appropriate laboratory equipment for measurement of speech production and perception. Emphasis also is on how the speech pathologist can apply this information to the diagnosis and treatment of communication disorders. Prerequisites: Senior standing. 3 credits.

620-60000 Differential Diagnosis in Audiology I
Acquaints the student with the theoretical and diagnostic implications of the basic audiological evaluation, including discussion of pure tone audiometry, speech audiometry, immittance testing, and masking.

620-60900 Seminar: Aural Rehabilitation
Current knowledge from the areas of speech perception and production, language development, amplification, environmental acoustics, and counseling as applied to the educational-rehabilitative process for hearing-impaired, school-age children and adults. Prerequisites: 620-60000. 3 credits.

620-64300 Principles of Evaluation and Diagnosis in Speech-Language Pathology
Review of models and methodologies for evaluating speech-language pathologies. Emphasis is on understanding differing philosophies of evaluation and diagnosis, pre-evaluation planning, statistical and sociological interpretation of normality, variables in interpreting standardized and nonstandardized information, history taking, client-clinician interaction, and report writing. Review and discussion of actual cases is included. 2 credits.

620-64700 Modification of Stuttering
Introductory and advanced material concerning the nature of stuttering in children and adults. Etiological factors and assessment techniques are included with emphasis on the remedial approach to stuttering behavior. 3 credits.

620-64900 Augmentative and Alternative Communication
Introduction to augmentative communication with discussion of its impact on individuals who are severely speech and language impaired. Students are familiarized with augmentative communication techniques and strategies. Assessment and intervention options are covered. Students have an opportunity for hands-on experience with a variety of augmentative communication devices and other adaptive equipment. 3 credits.

620-65100 Adult Aphasia and Related Disorders
Prepares students to identify, differentiate, and contrast the phenomenology, symptomatology, and diagnostic and therapeutic processes of adult aphasia and related disorders. 3 credits.

620-65200 Developmental Language Disorders
A presentation of various theoretical approaches that bear on the acquisition and development of language disorders; basic information that can be used for evaluating existing strategies for remediation and for developing new therapy techniques. 3 credits.

620-65300 Voice and Related Disorders
A study of normal and disordered phonatory patterns with attention to the evaluation and remediation of specific voice problems, including laryngectomy. 3 credits.

620-65400 Neurological Processes and Communication Disorders
Covers basic structure and function of the nervous system as it relates to neurogenic disorders of communication. 3 credits.

620-65500 Seminar in Speech Pathology: Selected Topics
1-6 credits.

620-65600 Dysphagia
Discussion of normal and deviant patterns of swallowing in infants to adults. Nature and causes of dysphagia across all client populations presented in detail, providing techniques and demonstration of clinical swallowing evaluations, videofluoroscopic swallow studies, and swallowing therapy, among others. 1 credit.

620-65700 Current Research in Speech Pathology and Audiology
Presentation of some basic skills required to conduct and/or evaluate research. Specific emphasis is on the scientific method as a problem solving process. Further course content deals with designing experimental procedures for research questions, learning to establish and test hypotheses, and summarizing and evaluating data. 3 credits.

620-65800 Advanced Topics in Language Disorders
Prepares students to identify recent theories, concepts, and experimental techniques that can be used in developing innovative approaches for diagnosis and therapy for language problems. 3 credits.

620-65900 Seminar in Phonological Disorders
Development of normal and disordered phonology in children. The nature and causes of phonological disorders are explored as well as the relationship of these disorders to other aspects of language development. Cultural-linguistic variations in phonological systems are discussed. Attention is given to motor based articulation disorders. Methods of assessment and treatment of all such disorders are investigated. 3 credits.

620-66100 Clinical Practicum I
First graduate clinical experience. This is a supervised practicum in the Sir Alexander Ewing-Ithaca College Speech and Hearing Clinic. Students perform in-depth diagnostic evaluations and/or provide therapy for individuals with speech/language disorders. The experience emphasizes planning, conducting therapy programs,
taking case histories, conferring with parents, writing reports, and making recommendations. A weekly meeting is held to help orient the student to managerial and organizational procedures in the clinic. Prerequisites: 25 hours of clinical observation. 1 credit.

620-66200  Clinical Practicum II
Graduate students may be assigned to the Sir Alexander Ewing-Ithaca College Speech and Hearing Clinic and/or off-campus sites. Site and client assignments are determined by the students' clock-hour needs and ASHA minimum requirements. Workshops and meetings are held on selected topics. Prerequisites: 620-66100. 1 credit.

620-66300  Externship in Speech-Language Pathology I
Graduate students are placed at off-campus sites for five to seven weeks of daily practicum experience. Specific duties assigned vary with the placement site. Placement site assignments are made in accordance with the student's interests and clock-hour needs. Prerequisites: 620-66200 and faculty approval. 2 credits.

620-66500  Externship in Speech-Language Pathology II
Final clinical experience in speech-language pathology. A full-time, off-campus clinical placement of one-half semester's duration designed to cap a student's graduate education. Specific duties and responsibilities vary with the placement site. Site assignments are made in accordance with the student's interest and needs. Prerequisites: 620-66300 and faculty approval. 3 credits.

620-66600  Supplementary Clinical Affiliation
An elective clinical affiliation designed for students who have not acquired the total number of supervised clinical clock hours required by the American Speech-Language-Hearing Association (ASHA), and wish to do so under the aegis of Ithaca College. This practicum is completed after the student has been awarded the master of science degree. Site assignments are made in accordance with the student's interests and needs. 1 credit.

620-67000/620-67100  Individual Studies
Directed individual investigation in special areas not fully covered by regular coursework. Initial application should include outline and bibliography. A copy of the paper is to be filed with the department. Requires approval of the full-time professor in charge and the department chair.

620-67200/620-67300  Independent Reading
A course of reading arranged between department and student.

620-67400/620-67500  Independent Research
Student research under the direction of one or more faculty supervisors. By permission of department. 1-3 credits per semester.

620-68000  Thesis or Research Paper
The thesis or research paper, optional for the master of science degree, is supervised by a major adviser and a thesis committee. Members of the thesis committee may be professors in residence outside Ithaca College. Following acceptance of the thesis by the committee, an external examiner is appointed by the graduate committee. 4-6 credits.

620-69800  Professional Experience in Education
A seven-week block of supervised student teaching open only to graduate students who have met all other requirements for provisional certification from the New York State Education Department. This course does not satisfy course requirements for the master of science degree. 6 credits.
# Directory

## Board of Trustees

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>William L. Haines, Chairman</td>
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<td>Lawrence M. Alleva, Vice Chairman</td>
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<td>Arlene Dende</td>
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<td>Francille M. Firebaugh</td>
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<td>Keith W. Watters</td>
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<td>Peggy Ryan Williams, <em>ex officio</em></td>
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<td>Arlene Wolff</td>
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## Presidents Emeriti

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<td>Ellis L. Phillips Jr.</td>
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## Honorary Trustees

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<td>Harold Allen</td>
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<td>Robert W. Baker Sr.</td>
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<td>Robert A. Beck</td>
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<td>Roberta Peters Fields</td>
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<td>Murray Handwerker</td>
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<td>Gloria L. Hobbs</td>
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<td>Robert A. Iger</td>
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<td>Carolyn K. Serling</td>
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<td>Robert L. Werner</td>
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<td>Roy A. Young</td>
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## Administration

### Office of the President

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<th>Name</th>
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<tbody>
<tr>
<td>Peggy Ryan Williams, B.A. (Toronto [Canada]), M.Ed. (University of Vermont), Ed.D. (Harvard), President</td>
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<tbody>
<tr>
<td>Michael McGreevey, B.A.(Bowling Green State), M.Ed. (University of Vermont), Executive Assistant to the President</td>
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## Affirmative Action Officer

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<tr>
<td>Traevena L. Potter-Hall, B.A., J.D. (Iowa), Director of Affirmative Action and Equal Opportunity</td>
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## Executive Officers

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<tr>
<td>Brian J. McAree, B.S. (SUNY, Cortland), M.P.S. (Loyola University), M.A. (Bowling Green State), Vice President for Student Affairs and Campus Life</td>
<td></td>
</tr>
<tr>
<td>Nancy Pringle, B.A. (St. Rose), M.S., Ed.S. (SUNY, Albany), J.D. (SUNY, Buffalo), Vice President and College Counsel</td>
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<tr>
<td>Thomas R. Salm, B.S. (Dayton), M.Ed. (Ohio), Vice President for Business and Administrative Affairs</td>
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<tr>
<td>William A. Scoones, B.A. (Hamilton), M.A., Ph.D. (Cornell University), Interim Provost and Vice President for Academic Affairs</td>
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<tr>
<td>Shelley S. Semmler, B.A. (Queens), M.S. (SUNY, Cortland), Vice President for Institutional Advancement</td>
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<tr>
<td>Carl E. Sgrecci, A.S., B.S. (Ithaca), M.B.A. (Syracuse), C.P.A., Vice President and Treasurer</td>
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## Graduate Studies

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<tbody>
<tr>
<td>Garry L. Brodhead, B.S. (Indiana University of Pennsylvania), M.M., Ph.D. (Indiana, Bloomington), Associate Provost and Dean of Graduate Studies</td>
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<tr>
<td>Sally Espinosa, B.S. (New Mexico), M.S. (Ithaca), Assistant to the Dean</td>
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## School of Business

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<tbody>
<tr>
<td>Michael McCall, B.A. (SUNY, Buffalo), M.A., Ph.D. (Arizona State), M.B.A., Program Director and Associate Professor</td>
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<tr>
<td>Joseph Cheng, B.S., M.A., Ph.D. (SUNY, Binghamton), Associate Professor of Finance</td>
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<tr>
<td>Donald W. Eckrich, B.A. (Alfred), M.B.A. (Long Island), D.B.A. (Kentucky), Professor of Marketing</td>
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<tr>
<td>Eileen P. Kelly, B.S. (Steubenville), M.A., Ph.D. (Cincinnati), Professor of Management</td>
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<tr>
<td>Patrica A. Libby, B.S. (Pennsylvania State), M.B.A. (DePaul), Ph.D. (Michigan, Ann Arbor), C.P.A., Associate Professor of Accounting</td>
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Application Forms

Application to Ithaca College graduate programs must be made in writing using the appropriate forms for each program. These forms, which include instructions for the application process, are available as Adobe Acrobat documents:

- Application forms for all programs except M.B.A.
- M.B.A. program application forms

For help or more information about applying to Ithaca College, contact the Division of Graduate Studies or the specific department in which you are interested.
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