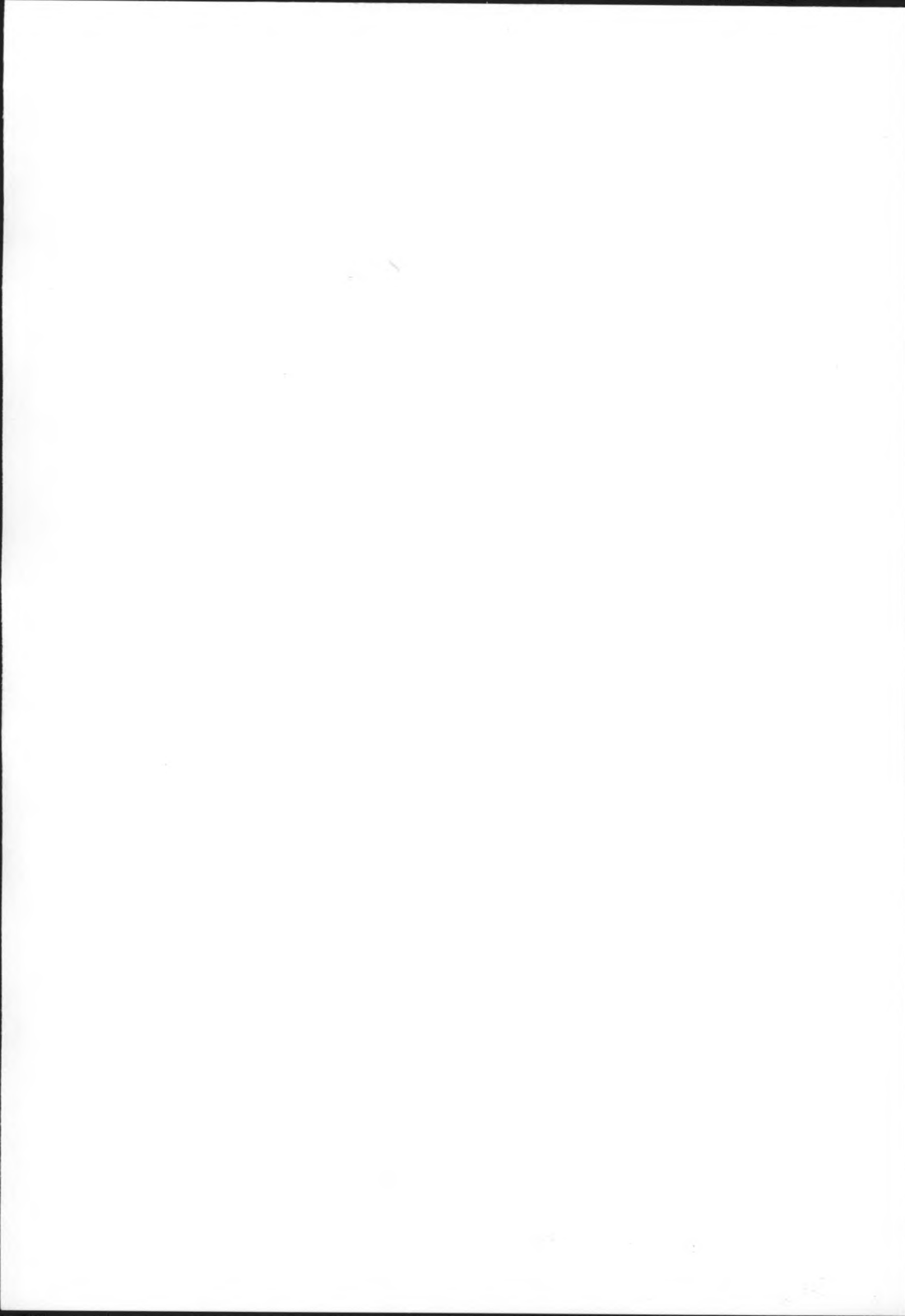


Cornell University Announcements General Information



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1976-77

Cornell University Announcements

Volume 68 of the Cornell University Announcements consists of fourteen catalogs, of which this is number 14 dated November 4, 1976. Publication dates: fourteen times a year (four times in August; twice in March, April, and September; once in May, July, October, and November). Publisher: Cornell University, Sheldon Court, 420 College Avenue, Ithaca, New York 14853. Second-class postage paid at Ithaca, New York.

Cornell Academic Calendar

1976-77

Registration, new students
Registration, continuing and rejoining students
Fall term instruction begins
Thanksgiving recess:
 Instruction suspended, 1:10 p.m.
 Instruction resumed
Fall term instruction ends, 1:10 p.m.
Final examinations begin
Final examinations end
Registration, new and rejoining students
Registration, continuing students
Spring term instruction begins
Spring recess:
 Instruction suspended, 1:10 p.m.
 Instruction resumed
Spring term instruction ends, 1:10 p.m.
Final examinations begin
Final examinations end
Commencement Day

The dates shown in the Academic Calendar are subject to change at any time by official action of Cornell University.

Thursday, September 2
Friday, September 3
Monday, September 6

Wednesday, November 24
Monday, November 29
Saturday, December 11
Wednesday, December 15
Thursday, December 23
Thursday, January 20
Friday, January 21
Monday, January 24

Saturday, April 2
Monday, April 11
Saturday, May 7
Monday, May 16
Tuesday, May 24
Monday, May 30

In enacting this calendar, the University Senate has scheduled classes on religious holidays. It is the intent of Senate legislation that students missing classes due to the observance of religious holidays be given ample opportunity to make up work.

1977-78

Thursday, September 1
Friday, September 2
Monday, September 5

Wednesday, November 23
Monday, November 28
Saturday, December 10
Thursday, December 15
Friday, December 23
Thursday, January 19
Friday, January 20
Monday, January 23

Saturday, March 18
Monday, March 27
Saturday, May 6
Monday, May 15
Tuesday, May 23
Monday, May 29

Summer Session Calendar

1977

Registration, three-week summer
session; three-week summer
session instruction begins

Monday, June 6

Three-week summer session ends

Tuesday, June 28

Registration, eight-week summer
session; eight-week summer
session instruction begins

Monday, June 20

Eight-week summer session ends

Friday, August 12

Registration, six-week summer
session

Wednesday, June 29

Six-week summer session instruction
begins

Thursday, June 30

Six-week summer session ends

Friday, August 12



General Information

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Why Cornell?

Presumably you are seriously considering higher education—enrollment in a college or university—or you would not be reading this *Announcement*. Deciding where to go to college is not easy. One must weigh so many things about each institution: its curriculum, faculty, special programs, requirements, cost, size, location, reputation. In this critical choice why should Cornell be especially attractive? What are the special nature and resources that should draw you here to this university and to Ithaca?

Diverse Curriculum and Programs

To begin, Cornell offers unusual variety and diversity. As an independent Ivy League institution and the land-grant university of the state of New York, Cornell has fourteen colleges and schools, of which four are state supported and ten privately endowed. Hundreds of subjects and courses of study are available covering a range that is rare on a single campus.

From its beginning in 1865, Cornell has been characterized as an institution unafraid to depart from conventional ideas. It was the first major American university to be both nonsectarian and coeducational and the first to declare itself for the elective idea and thus to offer its students a real choice of studies. It was never bound by the traditional curriculum and has adhered to founder Ezra Cornell's intention to "found an institution where any person can find instruction in any study."



Today, along with the pursuit of excellence in traditional subjects at Cornell, there is an acute awareness of current problems. Students and faculty in many segments of the University are engaged in exploring such problems, and their efforts take shape in new fields, committees, programs, and centers. There are, for example, a Peace Studies Program, a Program on Policies for Science and Technology in Developing Nations, a Rural Development Committee, and an International Population Program. The University has a variety of programs in international agriculture, nutrition, and economics and an interdisciplinary Program on Science, Technology, and Society. The Africana Studies and Research Center is concerned with such topics as Pan-Africanism and contemporary black ideologies, and people and movements in the black urban ghetto.

From the abundance of offerings available, the student enrolled at Cornell may choose a specialty and then supplement it with courses from other schools. For example, a student of anthropology in the College of Arts and Sciences may supplement the normal arts program by taking courses in the Division of Biological Sciences, the Division of Nutritional Sciences, and the College of Veterinary Medicine. The same is true of a premedical student, who, interested in mastering the intricacies of equipment he or she must use, may take courses in the College of Engineering.

Cornell is not a university of overwhelming size. The total enrollment is just over 17,000, with 11,500 undergraduate students, 5,300 graduate students, and 500 extramural students. Since a student is enrolled in one school or component unit, the diverse offerings of the University are made available while a student is a member of a smaller and more intimate group. The largest unit at Cornell is the College of Arts and Sciences, with 3,600 undergraduates enrolled; the smallest is the College of Architecture, Art, and Planning, which currently enrolls 460 undergraduates.

Outstanding Faculty

The outstanding faculty of Cornell numbers over 1,700, including many who are recognized internationally as leaders in their fields. As Cornell is a major university, nearly all faculty are actively involved in research and scholarship extending the boundaries of human knowledge across the full range of academic endeavor. Active scholars bring special enthusiasm and perspective to their students and

classrooms. Since the University has always assigned a high priority to the quality of its undergraduate programs, no distinction is made between the graduate and undergraduate faculty and it is not uncommon to find department chairmen teaching introductory courses or prominent scholars offering courses for general enrollment. Here there is no need to choose between the gifted scholar and dedicated teacher—most Cornell faculty provide a balance of both. The faculty routinely act as advisers and keep regular office hours, ensuring their accessibility to serious and interested students. The vitality and diversity of the Cornell faculty and programs also attract a constant succession of visiting lecturers and professors from other institutions.

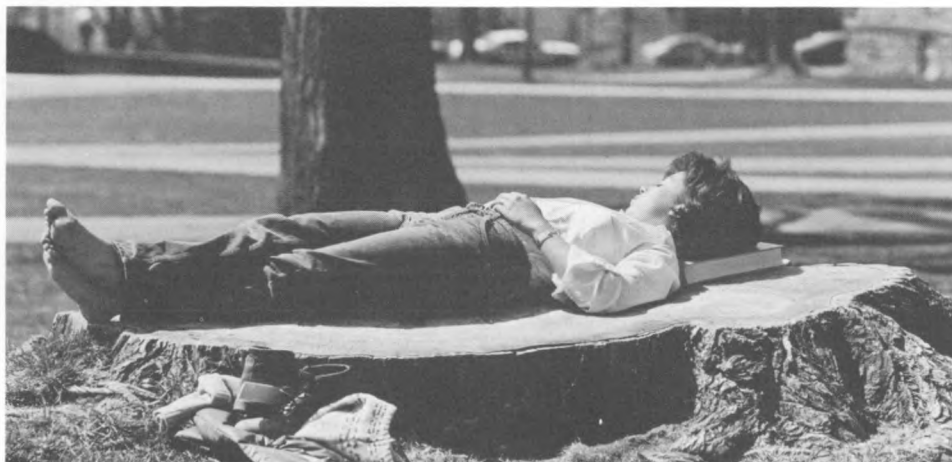
Fine Facilities

As a fine university, Cornell provides a variety of excellent academic and recreational facilities. A partial listing on the academic side includes one of the ten largest academic library systems in the country, with holdings of more than four million volumes; excellent scientific laboratories and equipment; a spectacular new art museum. There are three student unions equipped for all kinds of social, cultural, recreational, and educational activities. Extensive intercollegiate and intramural athletic participation is provided for men and women in the vast athletic facilities, including an indoor rink for ice hockey and skating, two competition-sized indoor pools, a championship golf course, intramural and varsity playing fields, squash courts, crew tanks, gymnasiums, and a riding hall for polo. These

facilities for athletics, plus the many concerts, plays, lectures, movies, and other cultural events provide a wealth of activities for all students on campus.

A Unique Setting

At Cornell the physical aspects of the campus add real joy to the university experience. Situated on hills overlooking Cayuga Lake, the campus covers 740 acres and is considered one of the most beautiful in the United States. The original site has not lost its splendor in a magnificent setting cut by two deep gorges and with expansive views of the surrounding countryside. There are now more than ninety major buildings on campus containing a kaleido-



scope of architectural styles, with distinguished older buildings placed comfortably side by side with newer, often impressive, examples of the modern. Within a short drive are three unusually scenic state parks with facilities for hiking, boating, swimming, and camping; several ski areas; and an extensive system of Finger Lakes Trails for hiking. Ithaca itself is a small city of character and charm, located in the heart of the Finger Lakes Region. You will find here the almost unique combination of a cosmopolitan atmosphere in a rural setting.

A Special Spirit

Cornell offers all these tangibles. It also provides some equally important intangibles. This is an exciting and vital place; Cornell is not a complacent institution. It began as a renegade, combining liberal and practical studies and expanding the traditional curriculum, and it has had a continuing history of academic innovation. As times and needs change, Cornell can and does adapt. Recent examples of such changes include the establishment of many new programs of study dictated by contemporary concerns, such as the Women's Studies Program and the Program in International Nutrition, the institution of the Freshman Seminars Program, changes in the grading procedures, and increased involvement of students in the policy- and decision-making processes through various University committees and the University Senate. The real tradition is that of continuing dedication to self-improvement and to excellence in all that is undertaken.

Cornell encourages the spirit and practice of academic freedom. The University's educa-

tional aims and programs are based largely on student choice, a philosophy which has real meaning because of the existing variety and flexibility. The undergraduate programs permit a significant amount of sampling and exploring as well as encouraging the selection of an area of interest and its pursuit in depth. This system does, of course, put great responsibility upon the students themselves—to become acquainted with available offerings and facilities and to choose wisely according to needs and interests.

The effort is worthwhile as the University is responsive to student initiative. An example of a formal method of response to students' expressed interests is the mechanism that has been established to incorporate student-initiated courses into the Arts and Sciences College curriculum. And every day there are hundreds of spontaneous, less formal responses to student probes and suggestions from faculty, counselors, and administrators.

Perhaps the single greatest advantage of education at Cornell is the variety of talented individuals—faculty, scholars, and students—assembled in one place. They come from every state in the nation and scores of foreign countries, from public and private schools, from families rich and poor. Statistics cannot possibly give an accurate picture of the wealth of individual personalities and abilities present. Such a cosmopolitan mixture leads to a myriad of informal, unplanned, and unpredictable associations and influences. There are few places indeed where one could spend undergraduate years surrounded by a more diverse and interesting group, on a physically more attractive campus, with such a multitude of resources, and in an atmosphere that allows so much freedom to explore, to test, to create, to mature.





The Colleges and Schools

Undergraduate

Undergraduate instruction is offered in the following schools and colleges.

	<i>Approximate Undergraduate Enrollment</i>
<i>State-supported</i>	
New York State College of Agriculture and Life Sciences	2,900
New York State College of Human Ecology	1,100
New York State School of Industrial and Labor Relations	600
<i>Privately-supported</i>	
College of Architecture, Art, and Planning	460
College of Arts and Sciences	3,500
College of Engineering	2,200
School of Hotel Administration	550

Graduate

The following schools and colleges require a baccalaureate degree, except in a few special cases.

	<i>Approximate Enrollment</i>
Graduate School of Business and Public Administration	450
Graduate School	3,500
Law School	490
New York State College of Veterinary Medicine	270
Medical College	420
Graduate School of Medical Sciences	120
Cornell University—New York Hospital School of Nursing	230

These last three—the Medical College, the Graduate School of Medical Sciences, and the Cornell University-New York Hospital School of Nursing—are located in New York City.

Students may also register in the Division of Summer Session and Extramural Courses and the Division of Unclassified Students (see p. 38).

Because of the size and diversity of the University, this *General Information Announcement* is not intended to provide detailed information. Rather, it is intended to give the prospective student a broad picture of the University and the general nature of its major divisions. Each of Cornell's academic units publishes a detailed *Announcement* about its programs. These *Announcements* may be ordered by using the postcard contained on the back cover of this publication or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.





New York State College of Agriculture and Life Sciences

Few problems have a higher priority than providing an adequate supply of the proper food at a reasonable price to the people of the world while at the same time conserving and improving natural and human resources. The mission of the College of Agriculture and Life Sciences is "to increase people's understanding of nature and natural processes in the areas of agricultural science, biology, the use of natural resources and the environment through scientific inquiry and teaching within and beyond the classroom."

The College attempts to carry out its mission by offering a wide variety of programs leading to a Bachelor of Science degree, serving as a major center for graduate study, conducting both basic and applied research, and by offering extension programs throughout the state in partnership with County Cooperative Extension Associations.

The College of Agriculture and Life Sciences is a part of two great university systems—the State University of New York and Cornell University. As a tax-supported statutory college of the state university, it has a special mission to serve the people of New York. The College is located at and administered by Cornell University, and graduates receive their degrees from Cornell.

Undergraduate Programs

The over fifty undergraduate specializations offered in the College are grouped into the following nine broad program areas:

agricultural and biological engineering;
animal science;
applied economics and business management;
behavioral and social sciences;
biological sciences;
environmental studies;
food science;
plant sciences;
general and special programs.

Entering students are asked to choose one of these nine program areas. Students may select courses from within the College of Agriculture and Life Sciences as well as from other divisions of the University in preparation for graduate or professional study; or they may follow a professionally oriented program in one or more specializations in preparation for a career in business, industry, government, education, research, or commercial agriculture.

Entering students are assigned to an adviser in the program area they select, who will help them develop a program of courses that will most nearly meet career objectives. As students approach graduation, advisers help them in applying to graduate or professional schools or provide assistance in seeking positions in their areas of interest and training.

The College also offers several opportunities for students to participate in study-abroad programs which have been coordinated with universities in England, Ireland, Mexico, and Sweden. These programs offer students a broadened educational program, a multicultural perspective, and possible new avenues for career development.

Subject and Test Requirements for Admission

For admission to the Bachelor of Science degree program in the College, an applicant must:

- (1) be at least sixteen years of age;
- (2) have completed a secondary school curriculum with a minimum of sixteen units including four units of English, three units of mathematics, and with three units of science recommended;
- (3) present scores of the Scholastic Aptitude Test of the College Entrance Examination Board (SAT) or the results of the American Testing Program (ACT).

New York State residents should also submit scores from Regents Examinations, and those applicants who submit SAT results are urged to take College Board Achievement Tests in two of the following: English composition, mathematics, and science.

In addition to the above requirements, it is strongly recommended that high school students carry enough courses to offer eighteen entrance units and that these include biology, chemistry, and physics. Students who wish to major in one of the sciences or to become research workers should have adequate training in foreign languages.

The College offers advanced placement for freshmen and transfers and participates in the Early Decision Program and Special Opportunity Programs, and will consider early admission and delayed admission on an individual basis.

Intercollege Programs

Students in the College have an opportunity to enroll in the following intercollege programs:

Bachelor of Science (with the College of Engineering). Students register in the College of Agriculture and Life Sciences for three years and in the College of Engineering in their fourth year. They receive their degrees from the College of Engineering. They must also satisfy the entrance requirements of the College of Engineering.

Master of Business or Public Administration. In their fourth year, properly qualified students may double register in the College and in the Graduate School of Business and Public Administration. They may qualify for the bachelor's degree at the end of their fourth year and either the Master of Business Administration degree or the Master of Public Administration degree at the end of five years instead of the normal six years.

Food Industry Management. The College offers a special program in food industry management in cooperation with the Graduate School of Business and Public Administration and the National Association of Food Chains. Students may register in either college in a special non-degree program or in programs leading to the bachelor's, master's, or Ph.D degree.

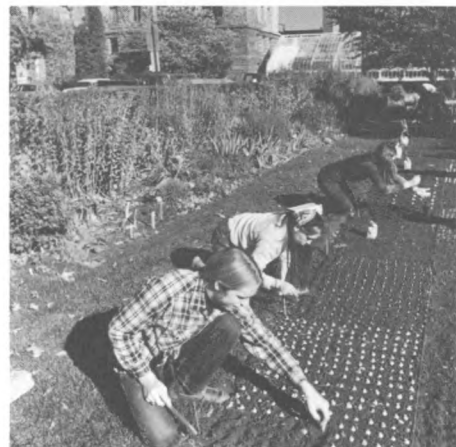
Doctor of Veterinary Medicine. Students who do their preveterinary work in the College of Agriculture and Life Sciences and are accepted by the College of Veterinary Medicine may qualify for both a Bachelor of Science degree and a Doctor of Veterinary Medicine degree in seven years.

Graduate Programs

The faculty and departments of the College offer advanced instruction in several disciplines leading to the degrees of Master of Arts, Master of Arts in Teaching, Master of Professional Studies (Agriculture), Master of Professional Studies (Communication Arts), Master of Science, Doctor of Education, and Doctor of Philosophy. Detailed information is available in the *Announcement of the Graduate School*, which may be obtained by using the postcard at the back of this book or writing Cornell University Announcements, Day Hall, Ithaca, New York 14853.

For More Information

Additional information about the College may be found in *Agriculture and Life Sciences at Cornell*. Requests for copies of this publication should be addressed to Director of Admissions, College of Agriculture and Life Sciences, Cornell University, 195 Roberts Hall, Ithaca, New York 14853.
Telephone 607/256-2036.





College of Architecture, Art, and Planning

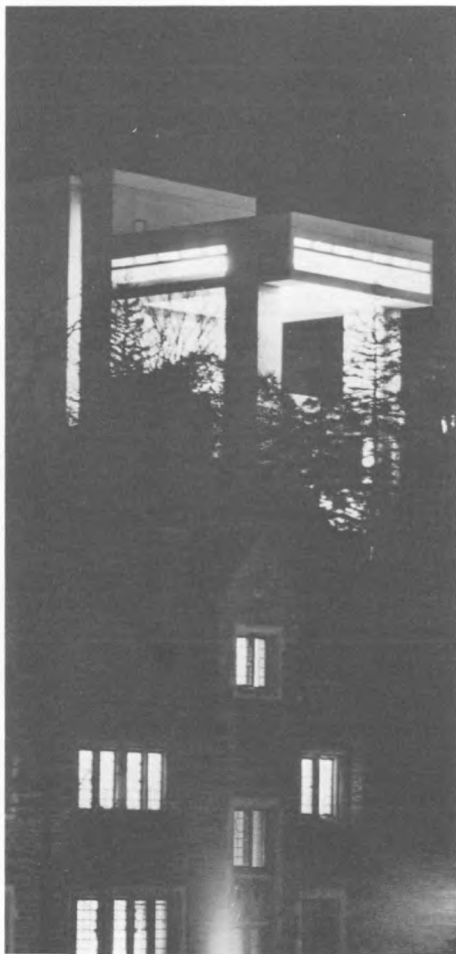
The College of Architecture, Art, and Planning offers programs in architecture, the fine arts, and city and regional planning. Undergraduate professional degrees are offered in architecture and art. At the graduate level there are specialized programs in several architecture, art, design, and planning fields.

Undergraduate Programs

The course of study leading to the degree of Bachelor of Architecture (B.Arch.) normally requires five years. It includes training in the basic skills and theories needed by the professional architect as well as courses planned to stimulate creativity and to broaden knowledge of the social and cultural values which must be reflected in contemporary architecture.

The first two years of the professional program are an introduction to the field. Subsequently, a student may elect to depart from the professional program and to develop a concentration in some area of the broader discipline. Such nonprofessional programs leading to the Bachelor of Fine Arts (B.F.A.) degree after four years of study are offered in history of architecture and urban development, design communications, and city and regional planning.

Through special planning of their fifth-year program, students in the professional architecture program may be able to complete the requirements for the first year of one of the two-year graduate programs offered in the College.



The undergraduate program in art is preprofessional and leads to a Bachelor of Fine Arts (B.F.A.) degree. Those who have a serious interest in painting, sculpture, or the graphic arts are the most logical candidates.

Subject and Test Requirements for Admission

All candidates for admission to the undergraduate programs of the Departments of Architecture and Art must take the Scholastic Aptitude Test of the College Entrance Examination Board (SAT) or the tests of the American College Testing Program (ACT).

Normally, three years of a foreign language, ancient or modern, are required for entrance. (Two years of one language and two years of

another will also satisfy the requirement.)

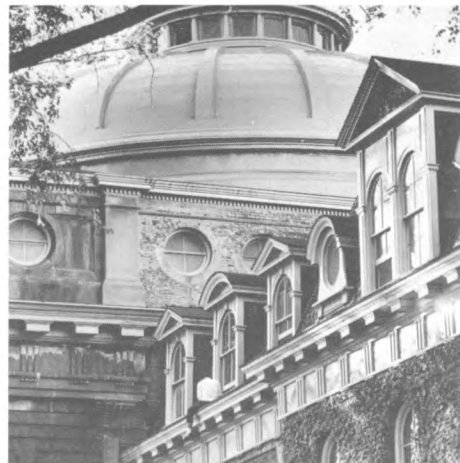
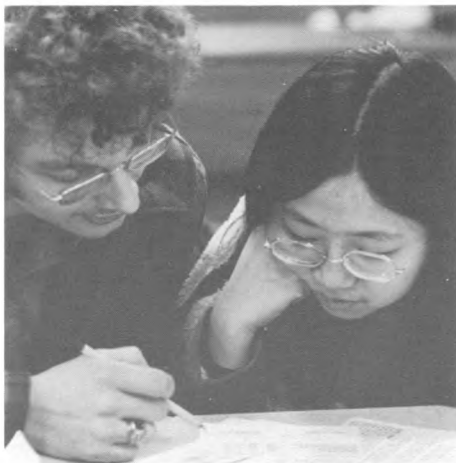
Architecture (B.Arch.), five years, and Architecture (B.F.A.), four years. Candidates for admission to the Department of Architecture must present sixteen units including four units of English, four units of mathematics, and, normally, three units of a foreign language. Mathematics must include intermediate algebra, plane geometry, and trigonometry, taken either as separate courses or included within comprehensive mathematics courses. A course in physics, taken either in secondary school or in college, is required for graduation.

Art (B.F.A.), four years. Candidates for admission to the Department of Art must present

sixteen units including four units of English, two units of college preparatory mathematics, and three units of a foreign language. Most of the remaining seven units should be in the humanities, social sciences, and sciences.

Candidates for admission are advised to inform themselves generally about the field of art and whenever possible to read literature on art criticism and the history of art and to visit art museums and galleries. Artwork or slides of artwork done by the applicant may be presented at the time of the interview.

Transfer Applicants. The Departments of Architecture and Art are interested in admitting transfer applicants. Students may apply from liberal arts or science programs as well as from architectural programs. An on-campus interview is strongly recommended since transfer of credit and placement in studios should be resolved before admission.



Graduate Programs

The College of Architecture, Art, and Planning offers graduate-level programs in:

- art;
- architectural design and urban and regional design;
- architectural sciences;
- history of architecture and urban development;
- preservation planning;
- city and regional planning and related programs;
- landscape architecture.

For further information about these graduate programs consult the *Announcement of the Graduate School*, which may be obtained by

using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853; or contact the Office of the Dean, College of Architecture, Art, and Planning, Cornell University, Sibley Hall, Ithaca, New York 14853.







College of Arts and Sciences

The College of Arts and Sciences is central to the University. On its faculty are some of the world's most distinguished scientists, scholars, and creative artists. It is the home of those areas of study we refer to as the humanities, whose concern is humankind—its languages, literature, arts, philosophy, and history. It is also the home of the basic biological, physical, and social sciences. Together, these comprise the liberal arts.

Liberal studies emphasize the ability to learn, analyze novel situations, and reason toward solutions. By their nature, the liberal arts emphasize reasoning in different modes; clear and graceful written and oral expression; organizational ability; tolerance and flexibility; creativity; and sensitivity to ethical and aesthetic values.

Liberal studies, because of their substance and methods, are in many ways the best pre-professional and preoccupational training. They are also the best preparation for living as informed, historically conscious, thinking, and active parents, citizens, and consumers in a changing, challenging world. The study of liberal arts is an education for life—a means to learn and reason by one's self in all situations—not just as an education for making a living.

Historically students have studied four years for their Bachelor of Arts degree. However, now some may graduate in only three or three and one-half years, and some in five. During the undergraduate years, students take at least two courses in one of the natural sciences, in one of the social sciences or history, and in one of the humanities or one of the expressive arts. In addition, they must achieve competence in the use of the English language and lay a sound

foundation in at least one foreign language. In their last two years students devote roughly half of their study to acquiring depth and competence in their major subject or area of concentration.

Although a part of the course of study is required, the student exercises a wide choice in selecting particular courses to meet the requirements and has numerous unrestricted electives. Students are expected to accept a large share of responsibility in shaping their own programs of study, though every student is assigned to a faculty adviser and has recourse to other sources of advice on the campus in making the most of the educational opportunities at Cornell. For information about acceleration, study off campus, and joint degree programs with other colleges at Cornell, see the *College Guide*, or write to the Academic Advising Center, College of Arts and Sciences, Cornell University, Goldwin Smith Hall, Ithaca, New York 14853.

A student is offered a wide choice of fields for major study:

- Africana studies
- American studies
- anthropology
- archaeology
- Asian studies
- biological sciences
- chemistry
- Classics
- Classical civilization
- dance
- economics
- English
- French
- geological sciences

German
German area studies
government
Greek
history
history of art
Italian
Latin
linguistics
mathematics
music
philosophy
physics
psychology
Russian
Russian and Soviet studies
Semitic languages and literatures
social relations
sociology
Spanish
theatre arts

Additional programs and areas of concentration include:

ancient Mediterranean studies
astronomy
comparative literature
computer science
human biology
international studies
Jewish studies
Latin American studies
law and society
medieval studies
population studies
religious studies
social psychology
Southeast Asian studies
urban studies
women's studies

Individual programs may be constructed through the College Scholar and Independent Major Programs (see p. 41).

Students interested in the College of Arts and Sciences should request the *Announcement* of that College. Those interested in graduate study should consult the *Announcement of the Graduate School*. Both of these publications may be obtained by using the postcard at the back of this book or by writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.

Subject and Test Requirements for Admission

An applicant to the Bachelor of Arts degree program must have completed a secondary school course giving satisfactory preparation for work in the College. Sixteen units of entrance credit are required: four years of English; three years of college-preparatory mathematics; and three years of one foreign language, ancient or modern.

The increasing need for mathematics in the social, biological, and physical sciences makes it desirable for students interested in those areas to be prepared to take a calculus course upon entering the College; such students should have studied advanced algebra and trigonometry during secondary school years.

Foreign language preparation is particularly important in this College; however students who can offer only two years or less of a foreign language, but who have a school record of otherwise high quality, should not hesitate to apply. Such students should attach a letter to their application forms explaining this deficiency.

The remaining units should be chosen from laboratory sciences, social studies, and further work in mathematics and foreign language. Whenever possible, these sixteen units should be supplemented by courses in similar academic subjects.

Exceptions to these requirements may be granted when the applicant's record is unusually promising. For example, students whose interests and academic and extracurricular achievements are in the fields of the creative and performing arts should not hesitate to apply because they have not taken a standard academic curriculum. Demonstrated unusual strengths in one area may offset weaknesses in another.

Each candidate for freshman admission is required to take either the College Board Scholastic Aptitude Test (SAT) or the American College Testing Program Examination (ACT) and, *in addition*, either the College Board Achievement Test in English Composition or the College Board Literature Test and two other College Board Achievement Tests in different subjects. The required tests should be taken no later than the January test date for the Scholastic Aptitude Test or the November test date for the ACT during the senior year. The required College Board Achievement Tests must be taken no later than the January test date.

Although an achievement test in a foreign language is not required for admissions consideration, candidates should, before entering Cornell, take the College Board Achievement Test in any language that they have studied in high school and expect to continue in the College or to use toward completion of a College foreign language requirement. Because the score on such a test is needed for placement in language courses, the test should be

taken late in the senior year—in March, May, or even June.

Delayed Enrollment

The College recognizes that some students may benefit from time away from formal schooling. To delay one's entrance by as many as four semesters, freshman candidates must inform the University Office of Admissions by May 1 that they accept the offer of admission and wish to petition for a delay. The request should specify the student's plans and state for how many semesters the delay will be. If the request is approved, the student will remit, as evidence of the intention to matriculate, a \$50 registration fee and will then be assured that a place is reserved in a specified future freshman class.

Students who wish to enroll in the College after an approved delay are required to inform the College of their intention at least six weeks before the beginning of the semester.

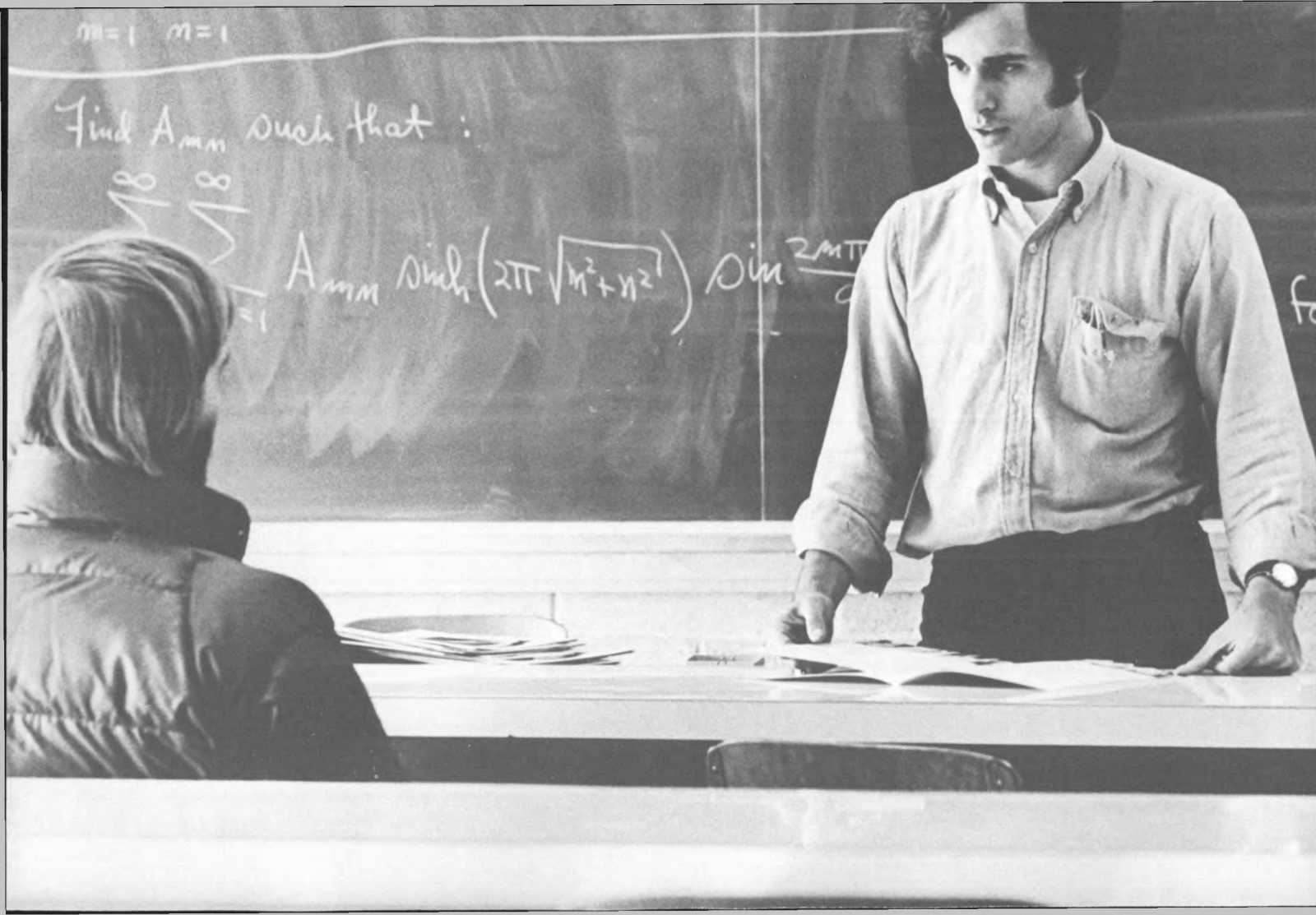


$$m=1 \quad m=1$$

Find A_{mn} such that :

$$\sum_{n=-\infty}^{\infty} \sum_{m=1}^{\infty}$$

$$A_{mn} \sinh\left(2\pi\sqrt{n^2+n^2}\right) \sin \frac{2m\pi}{a}$$



College of Engineering

New career opportunities in engineering are constantly developing as society responds to contemporary and future needs. The educational programs of Cornell's College of Engineering are flexible and adaptable to changing needs and priorities.

The four-year undergraduate program, which leads to the degree of Bachelor of Science, is designed to prepare students for specialization in engineering or applied science, or in a number of interdisciplinary or nonengineering fields. It provides a broad educational background as well as a foundation in science, mathematics, and engineering. Cornell also offers graduate programs in engineering and applied science leading to the professional degree of Master of Engineering in any of

eleven fields of engineering, or to the general degrees of Master of Science and Doctor of Philosophy.

All undergraduate engineering students are enrolled in the Division of Basic Studies for their freshman and sophomore years and then enter a specialty field or develop an individualized, often interdisciplinary program of study. Each curriculum includes at least 40 percent elective courses, some in liberal studies, some in technical subjects, and some unrestricted.

Among well-defined majors offered by the College are the following field programs:

- Chemical Engineering;
- Civil and Environmental Engineering;
- Electrical Engineering;
- Engineering Physics;
- Geological Sciences;
- Materials Science and Engineering;

- Mechanical Engineering;
- Operations Research and Industrial Engineering.

A program in agricultural engineering is arranged by enrollment in the College of Agriculture and Life Sciences for the first three years and in the College of Engineering for the fourth year.

There is considerable opportunity for the development of individualized curricula within the field programs, but for students whose interests or career goals are not met by one of these programs, there is the additional option of an individually structured College Program. Students in the College Program combine several engineering disciplines or augment their engineering education with study in such areas as the physical or social sciences, biology, computer science, architecture, city and regional planning, and ecology and conservation. Certain partially structured College Programs are sponsored by some of the engineering departments. These are in the areas of computer science, energy conversion, engineering science, environmental and public systems, and survey engineering.

Special programs available to engineering students include the Engineering Cooperative Program, which provides for periods of employment in industry during the undergraduate years without delaying graduation. Each co-op student gains valuable work experience with one of about forty participating companies. Another special program provides financial aid and counseling services for minority-group students. Also, there is an active plan to facilitate the entry of transfer students from two-year colleges.

After receipt of the Bachelor of Science



degree, most Cornell engineering students continue their studies at the graduate level. The largest number enters the College's Master of Engineering degree program, which offers curricula that are integrated with upperclass majors and so provides professional education in an overall five-year course of study. Other graduates enter general graduate degree programs in some branch of engineering or applied science through the Cornell Graduate School or at other universities. Some elect to prepare for careers in nonengineering fields such as business, education, law, and medicine.

The Cornell Master of Engineering (M.Eng.) degree, with field designation, is the professional engineering degree awarded by the University. It is designed primarily for those who wish to practice an engineering specialty, but it also provides a practical base for further graduate study in Ph.D. programs in applied science and engineering. The program is open to science and engineering graduates from other four-year institutions as well as Cornell. The M.Eng. degree may be taken in any of the following areas: aerospace, agricultural, chemical, civil, electrical, materials, mechanical, or nuclear engineering; operations research and industrial engineering; engineering mechanics; and engineering physics. For this degree, a design project rather than a thesis is required.

The M.S.-Ph.D. degree program is organized into graduate fields of instruction. The fields that may be of interest to engineering students include: Aerospace Engineering, Agricultural Engineering, Applied Mathematics, Applied Physics, Chemical Engineering, Civil and Environmental Engineering, Computer Science, Electrical Engineering, Geological Sciences, Materials Science and Engineering, Mechani-

cal Engineering, Nuclear Science and Engineering, Operations Research, Theoretical and Applied Mechanics, and Water Resources.

Subject and Test Requirements for Admission

Required for undergraduate admission to the College of Engineering are sixteen units of secondary school subjects. These must include one unit of chemistry, one unit of physics, and four units of mathematics. Normally students complete the remaining ten units in English, history and social science, foreign languages, and natural science or life science. Prospective students who are interested in bioengineering are advised to complete at least one unit of biology. The mathematics course work should include two units of algebra; one unit of geometry; and one unit of analytic geometry, trigonometry, or a similar precalculus subject. The mathematics may be taken as separate courses or as four units of comprehensive college preparatory mathematics. Students who are eligible for registration in advanced college-level mathematics courses, such as calculus, are encouraged to apply for advanced placement.

Applicants for undergraduate admission must also submit the results of standardized college entrance tests. The preferred procedure is for the student to take the College Board Scholastic Aptitude Test (SAT) and, in addition, the College Board Achievement Tests in mathematics (level I or level II) and in chemistry or physics. An alternative plan is for the applicant to submit scores from the American College Testing Program (ACT).





The College Board tests must be taken not later than January of the senior year in secondary school; the ACT tests should be taken not later than the November test date. Generally, it is recommended that the College Board Achievement Test in science be taken in May of the junior year, in that science in which the applicant is then enrolled. *An applicant should not delay any* standardized college entrance test beyond January of the senior year, because results would be received too late to be useful. Particular circumstances are taken into consideration in the evaluation of each student's test results.

Applicants seeking advanced placement and college credit should take the appropriate College Board Advanced Placement Examinations in May of the senior year. Subjects in which these examinations are frequently taken

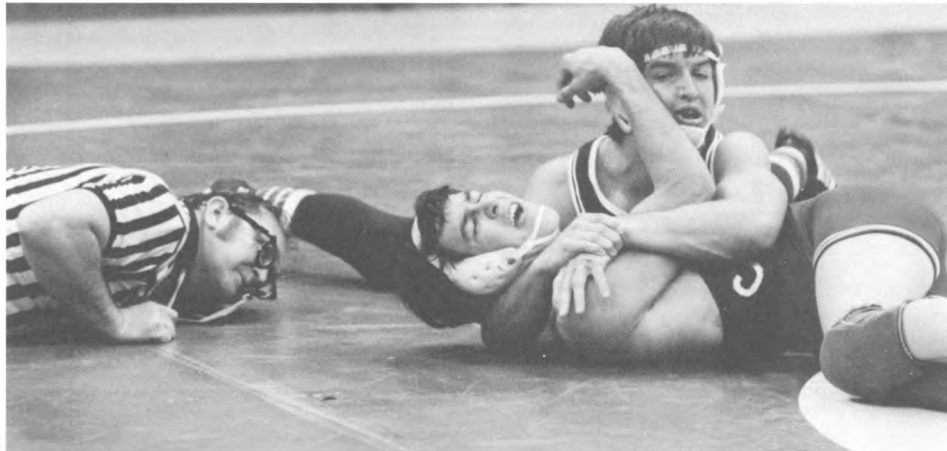
are mathematics, chemistry, and physics. A special publication, *Advanced Placement for Engineering Students*, may be requested from the Engineering Admissions Office, Cornell University, 223 Carpenter Hall, Ithaca, New York 14853.

A baccalaureate or equivalent degree from a college or university of recognized standing is required for admission to a graduate degree program in engineering. The applicant must show promise of the ability to succeed in graduate study and have adequate preparation for the work in a chosen field.

Acceptance into the Master of Engineering degree program is generally accorded a baccalaureate graduate of the Cornell College of Engineering if the student has a cumulative grade-point average of at least 2.5. Graduates of schools other than Cornell must provide a transcript from their undergraduate school, two letters of recommendation, and a statement of academic purpose.

Those who wish to enroll in graduate programs leading to the Master of Science or Doctor of Philosophy degree should apply to the Graduate School. It is advisable for prospective students to correspond with the professor who is the graduate faculty representative in the subject area of interest.

More detailed information about undergraduate study in engineering is contained in the booklet *Engineering at Cornell*. *Graduate Study in Engineering and Applied Science* and the *Announcement of the Graduate School* provide more information about graduate study in engineering. These publications may be obtained by using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.







School of Hotel Administration

The School of Hotel Administration provides educational programs leading to professional careers in the management of hotels, motels, condominiums, restaurants, clubs, hospitals, and institutions generally, in their design and equipment layout, and in tourism development.

Along with courses in the humanities, the program of study includes general and specialized accounting involving computer application, business administration, financial management, food science and food service management, functional design, human resources development, marketing, and property administration as these subjects relate to worldwide developments in food, lodging, and travel.

The program is technical in that it requires a concentration of effort in scientific courses necessary for an adequate background in a field where a core of basic information must be mastered. Yet it is sufficiently broad to allow for optional courses that are of value to those who look forward to positions of top executive responsibility.

The course of study covers four academic years and leads to the Bachelor of Science degree.

Students receive practical training through the operation of the Statler Inn, a practice hotel on the University campus, which includes rooms for transient guests, banquet facilities, service restaurants, and cafeterias. A newly instituted program also provides for management internship in selected organizations away from the campus under the supervision of a School director.

Graduate study in the School leads to the Master of Professional Studies (Hotel Adminis-

tration), Master of Science, or Doctor of Philosophy degree. More detailed information is contained in the *Announcement of the Graduate School* and in the *Announcement of the School of Hotel Administration*, which lists graduate and undergraduate courses. These publications may be obtained by using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.

Requests for further undergraduate information should be addressed to the Admissions Office, School of Hotel Administration, Cornell University, Statler Hall, Ithaca, New York 14853.

Subject and Test Requirements for Admission

B.S., four years. Sixteen units are required. These must include English, four units; mathematics, three units; and science, one unit (chemistry required). The remaining units should include additional courses in mathematics and sciences (especially physics), social studies (including history), and a foreign language. The Scholastic Aptitude Test of the College Entrance Examination Board (SAT) or the American College Testing Program Examination (ACT) is required of all students whose native tongue is English. The Test of English as a Foreign Language (TOEFL) is required of all non-native speakers of English unless they have been educated in English language schools. An interview arranged through the School of Hotel Administration Admissions Office is *required* of all candidates.





New York State College of Human Ecology

The New York State College of Human Ecology at Cornell University offers undergraduate and graduate educational programs leading to careers involving the interaction of the individual with the environment and the analysis and solution of human problems within the context of the family, the community, and the society. The College is particularly interested in those areas of significance in contemporary society: nutrition and health, housing and environmental design, the consumer in the marketplace, the stability of the family, and the effects of technology on food, clothing, shelter, and interpersonal relationships.

Departmental majors and areas of concentration at the undergraduate level include:

Community Service Education—adult and community education, home economics education, social work

Consumer Economics and Public Policy—consumer economics, housing

Design and Environmental Analysis—apparel design, human and social factors, interior design, product design, textiles and materials

Human Development and Family Studies—adolescence, atypical development, child development and research, family and society

Nutritional Sciences—community nutrition, dietetics, food, nutrition

Interdepartmental Program in Social Planning and Public Policy

The College does not prepare teachers for elementary school or nursery-kindergarten certification.

The human ecology curriculum also offers opportunities for field study, which integrates the learning environment of the classroom and library with places outside the University where students can combine theory with practice. Courses provide seminar discussions and direct experiences that enable students to develop a framework for thinking more systematically about the nature of social systems and to develop an appreciation of the variety of disciplines necessary to solve complex social problems. Each department in the College offers field study opportunities. In addition, the Field Study Office offers collegewide programs with an interdisciplinary problem-solving approach to social issues and advises students about the variety of field study opportunities available throughout the College.

The undergraduate curriculum, leading to a Bachelor of Science degree, requires study in the humanities and the biological, physical, and social sciences as well as the completion of a major in the College. Electives may be taken in the College or elsewhere in the University.

Professional opportunities are many and varied. Graduates of the College are employed in social casework and group work, and in the study of budgets and standards that help social agencies function; in hospital dietetics and nutrition education; in business, as professionals in consumer education and services, and in the design, promotion, and testing of such items as foods, textiles, household and institutional equipment and furnishings; in teaching at secondary and college levels, and in cooperative extension; in research programs; and in writing, radio, and television positions.



Inquiries about the undergraduate programs may be addressed to the Committee on Admissions, College of Human Ecology, Cornell University, Martha Van Rensselaer Hall, Ithaca, New York 14853.

Graduate study in the College, offered through all departments, leads to either the master's or the Ph.D. degree. Detailed information is available in the *Announcement of the Graduate School*, which may be obtained by using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853; and from the Associate Dean for Graduate Education and Research, College of Human Ecology, Cornell University, Martha Van Rensselaer Hall, Ithaca, New York 14853.

Subject and Test Requirements for Admission

Applicants to the Bachelor of Science degree program must offer sixteen academic units to include four units of English; three units of college preparatory mathematics; and one unit of biology, chemistry, or physics. The remaining units should be drawn from history or social studies, foreign language, additional science, and mathematics. It is strongly recommended that students complete both one unit of biology and one unit of chemistry or physics prior to admission. Students entering the College without previous study in (a) biology or (b) chemistry or physics will be required to complete a semester course in the deficient area in order to meet general graduation requirements.

The Scholastic Aptitude Test of the College Entrance Examination Board (SAT) or the results of the American College Testing Program (ACT) are required. Achievement Tests of the College Board are not required, but if achievement test scores are received, they are taken into account by the selection committee.



New York State School of Industrial and Labor Relations

The School of Industrial and Labor Relations offers professional study in its field for both graduate and undergraduate students. The curriculum is designed to prepare men and women for careers in personnel and union-management relations work with business and industry, labor unions, and both state and federal governments. It also offers preparation for postbaccalaureate study in the fields of law, education, business, psychology, sociology, economics, history, political science, and international affairs and numerous interdisciplinary graduate degree programs concerned with contemporary social, economic, urban, and political problems, domestic and foreign. Undergraduates pursue a curriculum leading to the Bachelor of Science degree, and graduate study leads either to the master's or to the doctoral degree.

To develop an understanding of urban industrial society, the curriculum provides a broad base in the social sciences, a core of course work in industrial and labor relations, and a complement of general electives in the humanities. The freshman and sophomore years consist mainly of required courses, offered by the School and the College of Arts and Sciences. Upperclass students are free to pursue elective studies, about evenly divided between courses offered by the School and by other divisions of the University.

Undergraduates wishing to prepare for graduate work in one of the basic social sciences may use out-of-School electives to establish an informal minor in economics, government, history, psychology, or sociology. Choice

of advanced industrial and labor relations electives will reflect the individual student's interests in the offerings of the following departments in the School:

- Collective Bargaining, Labor Law, and Labor History;
- Economic and Social Statistics;
- International and Comparative Labor Relations;
- Labor Economics and Income Security;
- Manpower Studies;
- Organizational Behavior.

Requests for further information should be addressed to the Director, Office of Resident Instruction, School of Industrial and Labor Relations, Cornell University, 101 Ives Hall, Ithaca, New York 14853.

Subject and Test Requirements for Admission

Sixteen units, including four units of English, are required for admission to the Bachelor of Science degree program. The remaining twelve units should consist of college preparatory courses such as foreign language (ancient or modern), history, mathematics, science, and social studies. Candidates are required to present either the results of the College Entrance Examination Board tests (the Scholastic Aptitude Test [SAT] and Achievement Tests in English composition and in mathematics-level I or II) or the results of the American College Testing Program (ACT). In addition, each applicant is required to submit with the application a 500-word statement (preferably typewritten), indicating the basis for interest in the field of industrial and labor relations.



Graduate Units

Graduate study at Cornell is pursued through the Graduate School, which administers the many graduate fields of study, and in the various graduate professional schools and colleges.

Graduate School

The Graduate School offers facilities for advanced study and research to students who wish to receive advanced professional training and to become scholars in the broad sense of the term.

Graduate study is necessarily a highly individual process. The transmission of the scholarly enthusiasm and the attainment of scholarly independence is not assured by a system of regulations and requirements alone; the faculty regards person-to-person relationships between student and Special Committee as the best way for the student to reach scholarly maturity. The faculty makes no specific course-hour requirements for the advanced general degrees of Master of Arts, Master of Science, and Doctor of Philosophy but makes only such general requirements that, in its considered judgment, best accomplish the aim of graduate study: a period of study in residence, the mastery of some one subject, adequate acquaintance with allied subjects, oral examinations to establish competency for presentation of a thesis, and a satisfactory thesis. The Graduate School Faculty, as a unit, exercises sole jurisdiction over these advanced general degrees.

Requirements for Admission

To be admitted to the Graduate School an applicant should

1. hold a baccalaureate degree from a college or university of recognized standing or have had work equivalent to that required for such a degree;
2. show promise, as judged by previous record, of ability to pursue advanced study and research satisfactorily (class standing in the top third is considered minimal);
3. have adequate preparation for graduate study in the chosen field;
4. have fluent command of the English language;
5. have a combined score of 1200 in the Aptitude Test of the Graduate Record Examinations in those fields that require the GRE.

Despite very good academic records, however, some well-qualified applicants may fail to gain admission because of limited staff and facilities.

Information concerning admission requirements and courses of study for professional degrees may be obtained from the several colleges that administer them. Students wishing to use the University's facilities for intensive specialized training only, and who do not wish to become degree candidates, may apply for admission as noncandidates.

Inquiries regarding admission and fellowships should be addressed to the Dean of the Graduate School, Cornell University, Sage Graduate Center, Ithaca, New York 14853. Applications for admission and financial support should be received before February 1.

Inquiries regarding facilities for advanced study and research in a given field, special requirements for such study and research, and



opportunities for teaching and research assistantships may be addressed to a member of the faculty in the particular field.

For further information see the *Announcement of the Graduate School*, which may be obtained by using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.

Graduate School of Business and Public Administration

The objective of the Graduate School of Business and Public Administration is to prepare men and women, through interdisciplinary studies at the graduate level, for administrative careers in private business, public service, and health care. Accordingly, the School offers work in many disciplines to provide potential business, public, or health administrators with an understanding of the complexities of the external environment in which they will operate and of the internal workings of the organizations of which they will become a part. Malott Hall (1964), which houses the School, was designed to meet the specialized requirements of graduate education in administration.

In most cases, a bachelor's degree or its

equivalent is required for admission to the two-year program leading to the Master of Business Administration (M.B.A.), Master of Public Administration (M.P.A.), or Master of Professional Studies (Hospital and Health Services Administration)—M.P.S. (H.H.S.A.)—degree. Generally about two-thirds of the students have a background of undergraduate studies in arts or sciences, and about one-quarter have studied engineering.

After completing the basic program, M.B.A. candidates may elect a program of concentration in:

- industrial accounting
- professional accounting
- finance
- international business operations
- managerial economics
- marketing
- personnel management
- production and operations management
- quantitative analysis for managerial decision making
- transportation

M.P.A. candidates may elect a concentration in:

- economic analysis and public policy
- general public administration and policy formulation
- international development and foreign operations
- metropolitan and urban studies
- organizational theory and behavior

M.P.S. (H.H.S.A.) candidates may elect a concentration in:

- comprehensive health planning
- medical care administration
- hospital administration
- mental health administration



Also, students in the health program may choose to receive either the M.B.A. or M.P.A. degree, in which case they must fulfill additional requirements beyond those required for the health degree.

Special programs, including combinations of work in the areas listed above and study at the graduate level in other divisions of the University, are also available. Students determine the content of their individual programs in consultation with their advisers.

Through a combined program in administration and law, organized by this School and the Cornell Law School, students may obtain the M.B.A. or M.P.A. degree and the J.D. degree in four years.

Through a combined program with Cornell's School of Operations Research and Industrial Engineering, undergraduate students in that school can arrange a program to obtain the Master of Engineering (OR & IE) degree at the end of five years and the Master of Business Administration degree at the end of six years.

The Doctor of Philosophy program, administered through the Graduate School, provides an advanced and comprehensive education in administration, primarily for those who seek careers in teaching or research.

More detailed information about all these programs is available in the *Announcement of the Graduate School of Business and Public Administration*, obtained by using the postcard at the back of this book or by writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853; or from the Director of Admissions and Student Affairs, Graduate School of Business and Public Administration, Cornell University, Malott Hall, Ithaca, New York 14853.



Law School

The primary function of the Law School is to prepare attorneys for both public and private practice who are equipped to render skillful professional service and who are thoroughly conscious of the important role played by the law as a means of social control. The curriculum is designed to prepare students for admission to the bar in all American states and territories.

Ordinarily a student who is admitted to the Law School must have a baccalaureate degree from an approved college or university. A limited number of highly qualified students will be admitted after three years of college. Undergraduates registered in the College of Arts and Sciences at Cornell may, on the basis of separate application, be admitted to the Law School under its admissions standards, if by the time of entry they will have been credited with 105 of 120 hours required for an A.B. degree (92 hours in Arts College courses). The course of study leading to the degree of Doctor of Law (J.D.) covers three academic years. A limited number of students will be admitted to a program of study leading to the degree of Doctor of Law (J.D.): "with specialization in international affairs."

The Law School and the Graduate School of Business and Public Administration offer a program combining a law school education with training in either business or public administration. Upon completion of work in the two fields the student is awarded two degrees in four rather than five years. An applicant for admission to this combined program must make a separate application to each school and be approved by both.

There is also a program that enables law students to earn both a J.D. degree and a degree of Master of Regional Planning (M.R.P.) in four years.

The New York State School of Industrial and Labor Relations at Cornell University offers a special two-semester program leading to a Master of Industrial and Labor Relations (M.I.L.R.) degree for outstanding law school graduates. Both recent graduates and those currently working in the field of law are eligible for admission.

The graduate program of the Cornell Law School is a small one, to which only a few students are admitted each year. Financial resources for graduate scholarships and fellowships are limited. The LL.M. degree (Master of Laws, Legum Magister) and the J.S.D. degree (Doctor of the Science of Law, Jurisprudentiae Scientiae Doctor) are conferred. A small number of law graduates may also be admitted as special students, to pursue advanced legal studies without being degree candidates.

Requests for further information should be addressed to the Director of Admissions, Cornell Law School, Myron Taylor Hall, Ithaca, New York 14853.





New York State College of Veterinary Medicine

The College of Veterinary Medicine offers a professional program which requires four years of full-time academic and clinical study of the normal and abnormal structure and function of the animal body and the diagnosis, treatment, and prevention of animal disease.

Graduates of the College receive the Doctor of Veterinary Medicine (D.V.M.) degree, which is recognized by licensing boards throughout the world. Graduates generally enter private practice or become engaged in an increasing number of other biomedical activities.

Admission requires a minimum of three years of college work, including specific prerequisite courses and experience. Applications must be filed approximately one year before the proposed matriculation date. The competition for admission is keen since there are many more qualified applicants than can be admitted.

Graduate programs in veterinary research and postdoctoral training in clinical specialties are open to Doctors of Veterinary Medicine and some highly qualified holders of baccalaureate degrees, and lead to the degree of Master of Science, Doctor of Science in Veterinary Medicine, or Doctor of Philosophy.

More detailed information is contained in the *Announcement of the College of Veterinary Medicine*, which may be obtained by using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.

Medical College

Cornell University Medical College is located at the center of a large complex of medical institutions involved in teaching, research, and treatment on the east side of Manhattan in New York City.

The Medical College offers a four-year course of professional instruction leading to the degree of Doctor of Medicine and qualifying graduates for licensing examinations in all states and territories of the United States.

Applicants for admission to the Medical College must have completed at least three years of undergraduate study at approved universities, colleges, or scientific schools. The first two years of the medical curriculum are devoted primarily to study of the basic sciences of anatomy, microbiology, pathology, physiology, biochemistry, public health, and pharmacology, but a number of hours are reserved for the clinical sciences (approximately 20 percent of total time) and electives (10 percent of total time). In addition, a number of interdisciplinary and interdepartmental conferences are offered. The last two years concentrate on training in the clinical sciences of internal medicine, neurology, surgery, pediatrics, psychiatry, and obstetrics and gynecology. The fourth-year program consists of electives selected by the student.

Cornell University Medical College is a component of The New York Hospital-Cornell Medical Center. In its teaching programs the Medical College is affiliated with and uses the clinical facilities of The New York Hospital, Memorial Sloan-Kettering Cancer Center, the Hospital for Special Surgery, and the North Shore University Hospital.

Requests for information should be addressed to the Chairperson, Admissions Committee, Cornell University Medical College, 411 East 69 Street, New York, New York 10021.

Graduate School of Medical Sciences

The Graduate School of Medical Sciences offers programs leading to the degree of Doctor of Philosophy in the Fields of Biochemistry, Biological Structure and Cell Biology, Biology, Biomathematics, Biophysics, Genetics, Microbiology, Neurobiology and Behavior, Pathology, Pharmacology, and Physiology. The School also offers programs leading to the Master of



Science degree in some of these fields. The faculty of the School is drawn from the basic science departments of Cornell University Medical College and from the units of its Sloan-Kettering Division. The research facilities of the Medical College and of the Sloan-Kettering Institute for Cancer Research are utilized in the graduate programs of the School. Requests for information should be addressed to the Graduate School of Medical Sciences, Cornell University Medical College, 1300 York Avenue, New York, New York 10021.

Cornell University-New York Hospital School of Nursing

The School of Nursing, located in New York City, is a unit within the complex of The New York Hospital-Cornell Medical Center. The nursing program is open to persons who have a baccalaureate degree in another discipline from a regionally accredited college or university and who seek professional education.

The program, consisting of four semesters of full-time study, leads to the degree of Bachelor of Science in Nursing. Opportunities are open to graduates in a wide variety of health services in the United States and abroad.

Requests for further information should be addressed to the Director of Admissions, Cornell University-New York Hospital School of Nursing, 515 East 71 Street, New York, New York 10021.

Divisions

Division of Biological Sciences

The Division of Biological Sciences is organized to provide a unified curriculum for undergraduate majors enrolled in either the College of Agriculture and Life Sciences or the College of Arts and Sciences. Courses in biological sciences are also an integral part of many disciplines today and a basic requirement for areas of study in many schools and colleges of Cornell.

The biological sciences program stresses the importance of a firm foundation in the basic sciences and prepares the student for a career in one of the many areas and applications of modern biology. Freshmen and sophomores in the process of completing the required pre-requisites may be admitted to the major on a provisional basis. Final admission to the major requires superior performance in the completion of one year of introductory biology for majors, one year of general chemistry, one year of college mathematics (including at least one semester of calculus), and at least one semester of organic chemistry. A student is not encouraged to undertake a major in biological sciences unless performance in the above four subjects gives evidence of capacity to do superior work at a more advanced level.

Students accepted into the biological sciences major must choose one of the following concentration areas: animal physiology and anatomy; biochemistry; botany; ecology, systematics, and evolution; genetics and development; neurobiology and behavior; or an independent concentration designed by the student and approved by the Division of



Biological Sciences Curriculum Committee.

A brochure describing the biological sciences specialization in more detail is available from the admissions offices of the College of Agriculture and Life Sciences and the College of Arts and Sciences.

Graduate study in the biological sciences is administered by more than a dozen specialized fields within the Graduate School. More detailed information about graduate study is contained in the *Announcement of the Graduate School*, which may be obtained by using the postcard at the back of this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.

Division of Nutritional Sciences

The Division of Nutritional Sciences is an inter-college unit administered jointly by the Colleges of Agriculture and Life Sciences and Human Ecology, which coordinates and unifies undergraduate teaching, graduate training, research, and Cooperative Extension activities related to human nutrition.

Students are admitted to the undergraduate major through the College of Human Ecology and must meet the admission and general graduation requirements of that college. The core of the undergraduate major is preparation in appropriate areas of physical and biological sciences and professional courses in nutritional sciences. Basic course work in chemical and biological sciences and mathematics or



statistics and appropriate areas of social sciences is taken by all majors. This common core of basic disciplines provides the foundation for a concentration of professional courses in the options of nutrition, food, or community nutrition.

Graduate study in nutrition is administered by the graduate Field of Nutrition and leads to the Master of Science or Doctor of Philosophy degree. Graduate students may major in human nutrition, general nutrition, international nutrition, foods, nutritional biochemistry, and food service systems. The research interests of the faculty cover both the social science and biological science aspects of nutrition.

More detailed information about graduate study in nutrition is contained in the *Announcement of the Graduate School*, which may be obtained by using the postcard at the back of



this book or writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853.

Officer Education (ROTC)

As a land-grant institution chartered under the Morrill Act of 1862, Cornell has offered instruction in military science for more than one hundred years. Instruction is provided by the Department of Military Science (Army ROTC programs), the Department of Naval Science (Naval ROTC programs), and the Department of Aerospace Studies (Air Force ROTC programs).

Men and women have the opportunity, through these programs, to earn a commission while completing requirements for an academic degree. ROTC qualifies the student for service as an officer in the Army, Navy, Marine Corps, or Air Force and provides valuable managerial training for civilian or military careers. To obtain a commission in one of the armed services, a student must meet certain physical standards and complete the required course of study in a four-, three-, or two-year program. Upon graduation, the student is commissioned and can expect to serve a required tour of active military service. Active-duty requirements vary significantly between services and programs. Certain qualified students may delay active duty to pursue graduate studies.

Participation in ROTC is voluntary. It is advisable, but not mandatory, for interested students to enroll in the fall of the freshman year since openings in the three- and two-year programs may be limited.

The two-year program is available to undergraduates who have two academic years remaining at Cornell and also to graduate students planning to spend two years at Cornell as of the date of their enrollment. Students may be eligible for scholarships consisting of tuition, books, and a monthly subsistence allowance. Interested students should communicate with the appropriate ROTC department and apply for the two-year program no later than March 1 of the academic year preceding their desired enrollment date.

Further information is given in the *Announcement of Officer Education*, which may be obtained by writing to Cornell University Announcements, Day Hall, Ithaca, New York 14853. Details about the specific programs, including scholarships and active-duty requirements, may be obtained by writing the commanding officer of the department concerned, Cornell University, Barton Hall, Ithaca, New York 14853.

Division of Summer Session and Extramural Courses

Under the auspices of the Division of Summer Session and Extramural Courses, the University offers a wide variety of credit and noncredit courses during the summer for graduate, undergraduate, and nondegree students and also provides an opportunity for local residents to take part-time study during the regular school year. In these ways an individual may gain credit toward an academic degree, take work necessary for job advancement, or pursue cultural and avocational interests.

Summer Session

Cornell Summer Session provides some unique and unusually attractive opportunities for study and recreation for students who range in age from high school senior to the senior citizen. With Ithaca weather at its best, summer study makes available the extensive academic and recreational facilities of the University and the Finger Lakes region. Students may choose from a wide spectrum of courses which are scheduled during three-week, six-week, and eight-week sessions, as well as dozens of special programs of varied lengths. Admission is kept relatively open and simple. Classes meet daily, and because they are usually small, a close association between student and teacher is facilitated.

Extramural Courses

The Division of Extramural Courses at Cornell University makes it possible for persons living in the Ithaca area to take one or two courses each term for their own interest and advancement.

Such persons may apply for admission to practically any course regularly offered in the University but will be admitted only if they have the instructor's written approval. Extramural registrants have the lowest priority for space in a class and will be asked to withdraw if there is not enough space for all Cornell degree candidates who have registered for the course.

Registration is normally limited to two courses and eight credit hours per term. Under special circumstances and with the approval of the dean of the Division of Extramural Courses an individual may be permitted to register for nine credits.

Area residents who have no need for credit or

a record of attendance should register in the "Official Visitor's" program which is available at a nominal charge.

During the January intersession period, the division offers credit courses primarily for undergraduates but open to anyone. Among the courses offered in recent years have been study tours to England and the Soviet Union.

Division of Unclassified Students

The Division of Unclassified Students assists students in transferring from one undergraduate division of the University to another when they are unable to do so by direct transfer. Acceptance is based primarily on a candidate's potential to perform satisfactorily in the proposed new program of study and the reasons for wishing to transfer. While in the division, students may elect to take courses from any of the academic units of the University that may be appropriate to the new program.

Registration in the division is for one semester. A second term may be permitted in instances where definite progress has been made but more time is necessary to meet basic requirements for transfer. Students in the Division of Unclassified Students are regular students in the University; they may participate in extracurricular activities and enjoy all the usual rights and privileges of other students.

Applications are accepted by July 15 for fall term admission and by December 15 for spring. Those interested in applying should arrange for a personal interview with the director of the division at the Office of the Division of Unclassified Students, 247 Day Hall.



Interdisciplinary Programs and Centers of Study

The following listing is not comprehensive but is rather a sampling given to indicate the range and kinds of interdisciplinary programs available at Cornell.

Africana Studies and Research Center

The overall concepts of the program at the Africana Studies and Research Center are as follows: (1) that the purpose of education in any society is to provide skills and tools, and a body of knowledge necessary to maintain and ensure the continued progress of the society; (2) that the responsibility of the black educator is not only to pioneer and develop black studies as a vital educational field, but also to train people who will be intellectually and technically competent, to develop serious creative thinkers, disciplined social analysts, and talented professional workers. In wider terms, the concept is that of an international center for black studies, with a strong emphasis on research, broadly conceived, and effective and innovative teaching in terms of structure, use, method, and content.

The purpose of the program is to prepare students for professional and academic careers relevant to the intellectual, social, and leadership needs of the African-American

community. It envisions that the knowledge and methodology of various fields and disciplines will be brought to bear upon the history, present social conditions, and political and economic dynamics of black people and their cultures in the Americas, Africa, and the Caribbean. The curriculum is designed to reflect a multidisciplinary approach to the experience of African* peoples throughout the world. The Africana Center's courses are open to both majors and nonmajors.

The undergraduate major in Africana studies, within the College of Arts and Sciences, is designed to give students the foundation to become teachers and research scholars as well as professional employees. The program is geared toward relieving the shortage of educated and trained black people who will be equipped to attack the problems of African peoples. Thus, one goal of the undergraduate course of study is to produce thoroughly prepared and committed professionals who will deal with such problems as a lifetime career.

The center's master's degree program, leading to a Master of Professional Studies (African, Afro-American), is designed to accomplish the following: (1) to prepare candidates for work as teachers in high schools and junior colleges; (2) to train professional scholars in research; (3) to prepare people for organizational work among black people, such as work with social service agencies, in urban affairs, and black economic and housing problems; and (4) to help prepare students for specialized capacities in staffing



public and private agencies directed toward black community development. Admission to the master's program requires a bachelor's degree and some preparation in Afro-American or African studies.

Requests for additional information about the center and its programs should be addressed to the Office of the Director, Africana Studies and Research Center, Cornell University, 310 Triphammer Road, Ithaca, New York 14853.



*The words *African* and *black* are used interchangeably in this *Announcement*. The concept behind this use of the term *African* is that all peoples of African descent are commonly referred to as Africans no matter where they may be living now.

College Scholar Program

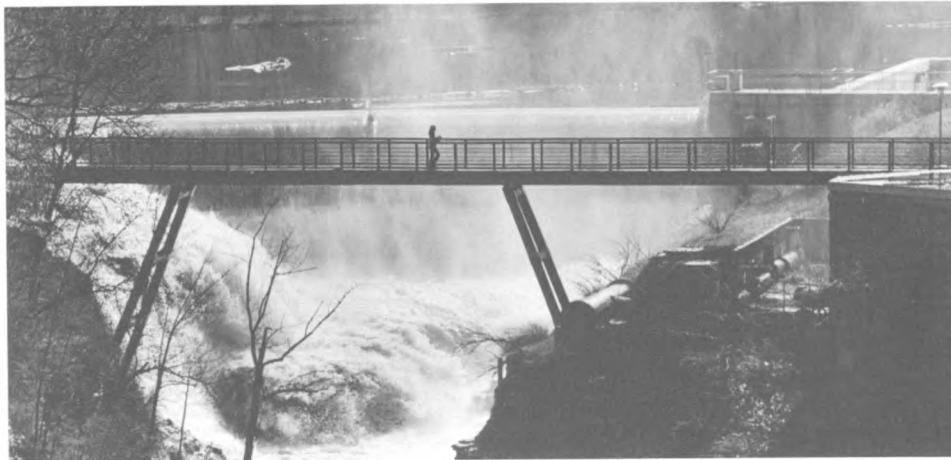
Up to forty students from each class in the College of Arts and Sciences are selected as College Scholars. Working in close cooperation with faculty advisers, the College Scholars plan their own degree programs. Further information is available from the Office of Special Programs, College of Arts and Sciences, Cornell University, 159 Goldwin Smith Hall, Ithaca, New York 14853.

Independent Major Program

This College of Arts and Sciences program is designed for students who wish to focus on a topic that lies between or across the boundaries of existing departments. In the second semester of the sophomore year the student is given the opportunity to define and design a major field with the guidance and direction of appropriate members of the faculty. Further information is available from the Office of Special Programs, 159 Goldwin Smith Hall.

Center For International Studies

The major role of the Center for International Studies is to support and coordinate Cornell's teaching and research programs in international and comparative studies. The center functions through a structured network of faculty committees which are organized on a multidisciplinary basis and clustered in area studies programs, professional programs, and problem-solving programs.



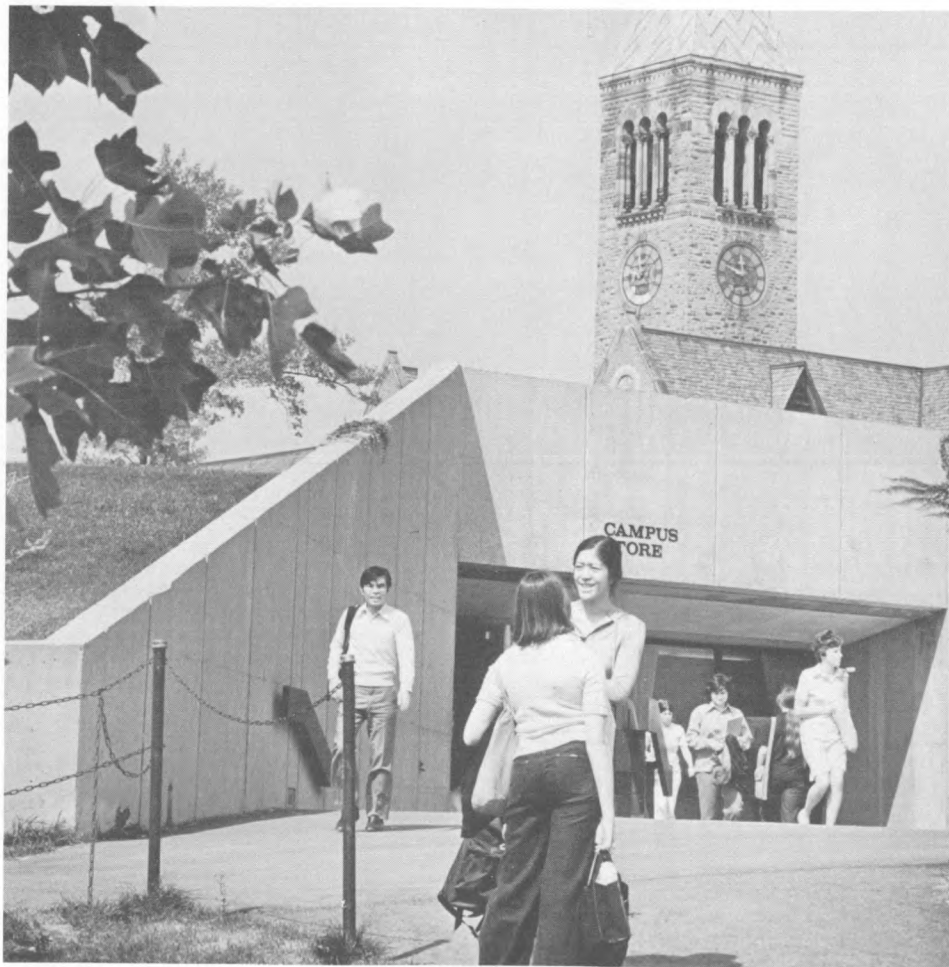
The area studies programs are China-Japan, Latin American, South Asia, Southeast Asia, and Soviet Studies. Professional programs include International Agriculture, International Legal Studies, and International and Comparative Labor Relations. Problem-solving programs, which examine substantive policy issues cutting across area and professional concerns, include International Population, International Nutrition, Participation and Labor-Managed Systems, Peace Studies, Rural Development, Science and Technology Policies in Developing Nations, and Western Societies. The center also sponsors the Field of International Development, a program of graduate studies leading to a professional master's degree.

Students interested in international or comparative studies will find that the flexibility of

both undergraduate and graduate requirements permits considerable latitude in selecting subjects. Appropriate courses of study may be chosen from the regular offerings of the schools and colleges of the University. Further information about the center and its associated programs may be obtained from the Center for International Studies, Cornell University, 170 Uris Hall, Ithaca, New York 14853.

Program of Jewish Studies

The Program of Jewish Studies is included in the framework of the offerings of the Department of Semitic Languages and Literatures in the College of Arts and Sciences. It has grown out of the conviction that Judaic civilization



merits comprehensive and thorough treatment.

The program enables students to obtain basic instruction and to specialize in the fields of Hebrew and Aramaic languages, the Old Testament, the Apocryphal and Tannaitic literatures, medieval Jewish philosophy, medieval Hebrew literature, modern Jewish thought, modern Hebrew literature, and medieval and modern Jewish history. In all these fields students may take courses on a graduate as well as undergraduate level.

Further information regarding the program may be obtained by writing the Department of Semitic Languages and Literatures, College of Arts and Sciences, Goldwin Smith Hall, Ithaca, New York 14853.

Program on Science, Technology, and Society

The purpose of the Program on Science, Technology, and Society is to stimulate and initiate teaching and research on the interactions of science and technology with society. The program draws its students, faculty, and researchers from all areas of the University, including the physical, biological, and social sciences; the humanities; engineering; business and public administration; and law.

Topics of special concern to the program include public policies for science and technology, technology assessment, legal and moral implications of biology and modern scientific medicine, arms control and national defense policies, and the sociology of science. These and other subjects are studied through courses, graduate and faculty seminars, workshops, and individual research programs. In



cooperation with University academic departments and centers, STS has participated in the development of more than two dozen interdisciplinary courses at both the graduate and undergraduate levels. Courses developed by the program are designed to both synthesize and contrast the perspectives of several academic disciplines in the analysis of relationships among science, technology, and the needs, values, and institutions of modern societies. The program also participates in the graduate Field of Public Policy, offering a science policy "stream" within this minor field. Limited funding may be available for interdisciplinary thesis research on STS-related subjects, and appropriate requests for support by students beyond the introductory level of graduate study will be considered.

Further information may be obtained by contacting the Program on Science, Technology, and Society, Cornell University, 614 Clark Hall, Ithaca, New York 14853.

Women's Studies Program

Women's studies, an interdisciplinary program in the College of Arts and Sciences, has three goals: to encourage the development of teaching about women, to expand research having to do with women, and to cooperate in public service activities with the extension divisions of Cornell University. Each term, the program offers undergraduate and graduate courses both independently and in cooperation with other departments.

In the past, course themes have included the social psychology of women; sex roles and linguistic behavior; women in antiquity; women in the American work force; women, social philosophy, and justice; the black woman in America; feminism and the Bible; the anthropology of women; black woman writers; women and politics; working women in nine countries; the hero and heroine in literature; the status of women, politics, and population growth; and an introductory course on women in America.

Although Cornell does not offer an undergraduate major or minor in women's studies, students are encouraged to develop expertise in the subject by choosing among the courses offered each term.

The program is guided by an executive board composed of professors from the Colleges of Arts and Sciences, Human Ecology, and Agriculture and Life Sciences; the Law

School; and the School of Industrial and Labor Relations. Elected representatives of the program's lecturers and students also serve on the board.

Informal presentations about current research are held Friday noons during the academic year. Students and faculty, both women and men, from all academic divisions at Cornell are welcome in women's studies. Persons wishing a course list for the current term should write to Women's Studies Program, College of Arts and Sciences, Cornell University, 431 White Hall, Ithaca, New York 14853.



University Requirement in Physical Education

As part of the normal course of study leading to a baccalaureate degree, the University Faculty has established the following requirements in physical education.

All undergraduate students must complete four terms of work in physical education.

The requirement in physical education is a requirement of the first four terms, and postponements are to be allowed only by consent of the University Faculty Committee on Physical Education.

Exemptions from the requirement may be made by the Committee on Physical Education when recommended by the Cornell medical

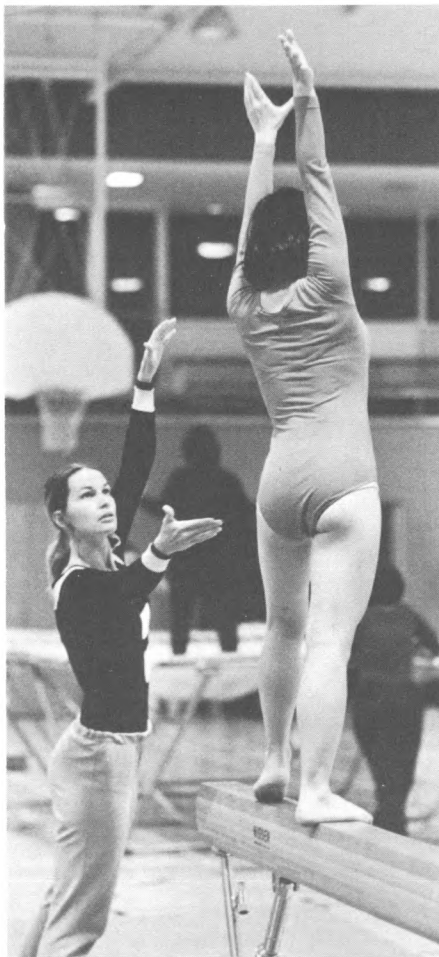
staff, or because of unusual conditions of age, residence, or outside responsibilities. Students who have been discharged from the armed forces may be exempted.

For students entering with advanced standing, the number of terms of physical education required is to be reduced by the number of terms that the student has satisfactorily completed (not necessarily including physical education) in a college of recognized standing.

Responsibility for the interpretation of the requirement and for its application in individual cases is placed upon the Committee on Physical Education.

The University requirements in physical education are met by four terms of satisfactory work in courses under the supervision of the Department of Physical Education. Publications describing the courses offered will be made available to entering students by the department. There are separate programs, with separate staffs, for men and women. The courses are directed toward the development of skills and the encouragement of an interest in recreational sports that will be carried over after graduation, as well as toward the student's immediate physical welfare.

Entering students who believe that they qualify for exemption from the requirements or for postponement of the satisfaction of them should present their cases to the appropriate member of the University Faculty Committee on Physical Education.



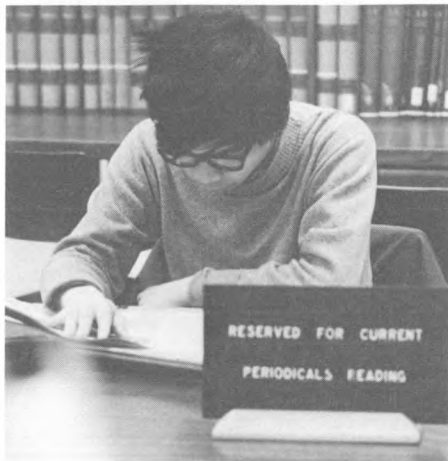
University Libraries

The Cornell University library system ranks in the top ten among major academic libraries in the United States. The system's eighteen libraries contain well over four and a quarter million volumes and currently subscribe to fifty-one thousand periodicals. Together they provide the facilities for research and study in hundreds of undergraduate major subject areas and in over eighty-five fields of study for advanced degrees.

The central library, at the south end of the Arts Quadrangle, is composed of two parts. Uris Library, the building with the tower that has become the symbol of Cornell, is essentially an undergraduate library for students in the liberal arts. A principal aim of this library is to bring readers and books as close together as possible. Bookstacks are open to all, and only reserve books in heavy demand are held in a special category. There are listening rooms where students, singly or in groups, may hear recordings of the spoken word, and there is a lecture room with sound and projection capabilities.

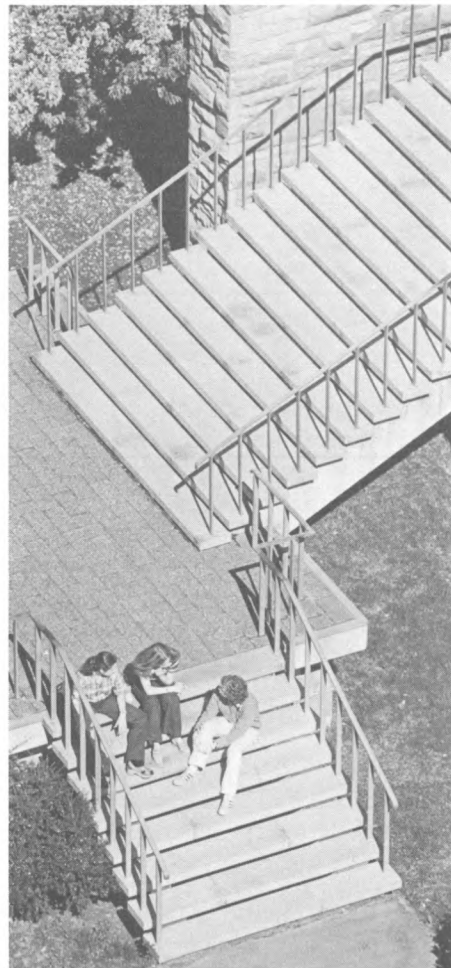
Across the walk from Uris is the John M. Olin Library, devoted more specifically to graduate and faculty research. This closed-stack library houses many special collections of books and manuscripts, among them Rare Books, a collection on East and Southeast Asia, and another on the history of science, the archives of the University, maps, and newspapers.

The two libraries, Uris and Olin, complement each other in support of the University's program of teaching and scholarship. Besides this



central facility, there is an extensive system of college, school, and department libraries. Chief among these are the Albert R. Mann Library, serving the Colleges of Agriculture and Life Sciences and Human Ecology; the Fine Arts Library, serving the College of Architecture, Art, and Planning; the libraries of the College of Engineering and the New York State College of Veterinary Medicine; and the libraries serving the Graduate School of Business and Public Administration, the Law School, the School of Hotel Administration, and the New York State School of Industrial and Labor Relations.

All of the libraries are open long hours, some of them until midnight. Many have special copying services, and some publish handbooks and bibliographies that are distributed without charge.





University Life

Social and Cultural Activities

It is a difficult task to characterize the climate of extracurricular life at Cornell. As with many other things at the University, an appealing aspect is the diversity. For those at Cornell with interests in particular fields, there are more than three hundred organized groups that include both faculty and students in their membership. Among them are clubs for persons with similar academic interests or similar hobbies, local chapters of professional organizations, associations of students from other nations, and a number of national honorary societies that recognize achievement in scholarship and other fields of endeavor. If an interest group does not now exist, like-minded persons may readily establish such an organization.

Music

Students who wish to participate in music making will find a wide range of opportunity through the Sage Chapel Choir, the Cornell Chorus, the University Glee Club, the University orchestras and bands, chamber music ensembles, the Opera Workshop, and other musical organizations.

The University Faculty Committee on Music sponsors programs by visiting soloists and major orchestras in the Bailey Hall Concert Series; string quartets and other groups in the Statler Series at Alice Statler Auditorium; and occasional operas, ballets, and special events. In addition, the Department of Music sponsors annually more than sixty free concerts and

lectures by visiting artists or by Cornell faculty and students.

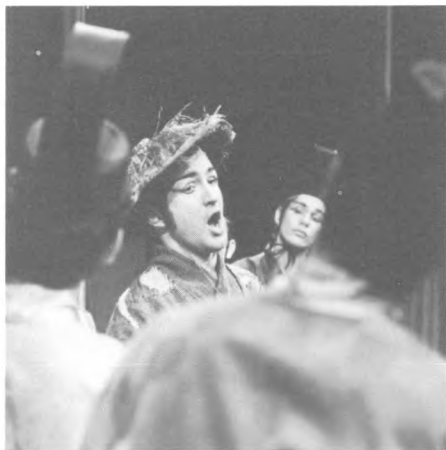
On the lighter side, the Cornell Concert Commission offers a series of student produced popular rock, folk, soul, and jazz concerts which recently has included such performers as Elton John, Stevie Wonder, and the Byrds. Informal concerts in the Commons, a coffeehouse in Anabel Taylor Hall, have featured local bluegrass and folk performers.

Theatre Arts

Diverse dramatic productions are presented by Cornell students under the sponsorship and general supervision of the Department of Theatre Arts. Six of these productions are presented as a "season," which is scheduled in advance and for which open tryouts are held at the beginning of each semester. Other more informal productions are also scheduled throughout the year; invitations to participate in these productions are posted on the bulletin boards of Lincoln Hall. Productions are normally mounted in the facilities available in the University Theatre in Willard Straight Hall, the Drummond Studio in Lincoln Hall, and the Kaufmann Auditorium in Goldwin Smith Hall.

In addition to these theatre pieces, a series of dance programs is sponsored jointly by the Theatre Arts Department and the Department of Women's Physical Education.

Students are provided with filmmaking opportunities through the facilities of the Department of Theatre Arts.





Art Exhibitions

Cornell is generously supplied with art exhibitions, some permanent and some temporary. The displays range from the works of students and visiting collections to the permanent University collection housed at the Herbert F. Johnson Museum of Art, one of the most exciting new additions to the Cornell campus. Other campus locations for art displays include the Art Room in the Straight, the Fine Arts Gallery in Sibley, and the galleries in Goldwin Smith Hall, Martha Van Rensselaer Hall, and Franklin Hall.

Lectures

On the more academic side of audience entertainment, there is the lecture. Dozens of extracurricular lectures are given every week

ranging from scholarly presentations on subjects of narrow interest, such as "The Comparative Biochemistry of Muscle Contraction," to well-known speakers with campuswide appeal, such as Ralph Nader or John Kenneth Galbraith.

Films

Cornell does not disappoint the filmgoer. Throughout the year and on almost every night of the week, single film showings and film series make available educational and entertaining films at reduced rates. In addition, there are four commercial theatres in Ithaca itself making movie going among the most popular leisure-time activities.

Publications

Cornell students edit and publish a wide variety of publications, including a yearbook, the *Cornellian*; literary magazines; and a number of magazines relating to special fields of interest such as the *Cornell Engineer*, the *Cornell Countryman*, and the *Cornell Law Review*. Cornell students are also involved with the publication of the *Cornell Daily Sun*, an independent daily newspaper.

Athletics

At Cornell athletics are designed to encourage the participation of every able and interested student either in varsity sports or in the extensive intramural program. Cornell supports one of the largest intercollegiate athletic programs



for men and women in the country and belongs to the Ivy League. There is intercollegiate competition for men in the following sports: baseball, basketball, crew, 150-pound crew, cross-country, fencing, football, 150-pound football, golf, gymnastics, hockey, lacrosse, polo, rifle, sailing, skiing, soccer, squash, swimming, tennis, track, and wrestling.

Cornell fields eighteen intercollegiate women's teams, more than any other college or university in New York State. The women's athletic program includes basketball, bowling, crew, cross-country, fencing, field hockey, golf, gymnastics, ice hockey, lacrosse, polo, sailing, skiing, swimming, synchronized swimming, tennis, track, and volleyball.

Needless to say, one can enjoy these intercollegiate athletic programs not only as a participant but also as a spectator.

Cornell's extensive intramural program gives students the chance to exercise and enjoy whatever athletic skills and interests they may have. This program is one of the largest of its kind in the country, with an incredible variety that includes, for example, sailing, judo, broomstick polo, and horseshoes, in addition to more usual sports such as touch football and softball.

Student Government

The Cornell University Senate, established in 1970, is the University-wide governing body. The Senate consists of ninety-five voting senators elected by students, faculty, staff, and alumni and functions as a major legislative and policymaking body in matters of general concern to the campus community.

In addition, there are smaller governing and coordinating bodies that have an important influence in determining University policies and practices. Such student participation is made possible through groups representing residence units (such as the Interfraternity Council and University residence halls councils), school and college groups (such as the Human Ecology Departmental Councils), and various special bodies (such as the Student Finance Commission).

Fraternities and Sororities

Fraternities. For many, fraternity life is an integral part of the Cornell experience. There are presently forty-eight social fraternities at the University with about 2,200 or 30 percent of the

male undergraduate student body as members. Each has its particular flavor and environment. With such a large system, one of the largest in the country, diversity is the key to its continuing growth. Students have the opportunity to choose the life-style that appeals to them, from a relatively small fraternity with seventeen members to one of over a hundred. The system is coordinated by the Interfraternity Council, a student-run board that oversees the many programs associated with fraternities.

Sororities. There are eight sororities on the Cornell campus, ranging in size from 23 to 105 members. Approximately 530, or 10 percent of the woman students at Cornell are a member of these houses. They are an integral and important part of a campus that offers a wide variety of residential and social possibilities. The Cornell Panhellenic Council is the governing body of the sorority system and it coordinates the activities among the houses within the campus and community settings.

University Unions

There are three University unions at Cornell: Willard Straight Hall, the oldest, the largest, and the most centrally located; Noyes Center, located in the west campus residential area on Stewart Avenue; and the North Campus Union, in the residence hall complex between Pleasant Grove and North Triphammer Roads.

These unions serve as gathering points and centers for social, cultural, recreational, and educational activities for all Cornell students. A partial list of available union facilities includes



large rooms for dances, receptions, and other social gatherings; a theatre; billiard and game rooms; craft shops with lessons in such skills as ceramics, weaving, metal craft, and printing; music listening rooms; meeting rooms and offices for student organizations; and photographic darkrooms. Among the many special services available to students are a central ticket office, a painting and phonograph rental service, a duplicating service, and a travel office. All University unions contain a variety of dining services with a range that includes snack bar, cafeteria, private dining room, pub, and tavern.

Cornell University Unions also sponsors Cornell Cinema, the campus film program, the Cornell Concert Commission, which produces popular concerts, and the University Unions Program Board, which presents lectures, con-



certs, touring theatrical productions, and experimental classes.

General responsibility for determining policies and operating procedures for all union facilities and programs is in the hands of students. The services and activities support the educational objectives of the University, provide opportunities for personal relationships among members of the Cornell community, and fulfill the bequest of Willard Straight, whose objective was "the enrichment of the human contacts of student life."

Religious Affairs

"Freedom for all; domination by none" is the guiding principle under which religious affairs

have flourished at Cornell since 1869. Anabel Taylor Hall provides office and meeting facilities for the religious programs described below. A diverse staff of seventeen pastoral counselors and advisers, available day or night for consultation, may be reached through the information office, 118 Anabel Taylor Hall (telephone 256-4214). This office also has information concerning weekly religious convocations in Sage Chapel and worship opportunities in Anabel Taylor Hall and the local churches and synagogue. Anabel Taylor Hall is the headquarters for CIVITAS (Cornell-Ithaca-Volunteers-in-Training-and-Service), through which students provide many services to local and regional community agencies. The Commons, a coffeehouse in the building, provides a place for informal communication between faculty, administration, and students, as they share

concerns for a cohesive community. Three organizational structures exercise responsibility for the religious programs at Cornell.

The Office for Coordination of University Religious Affairs administers and schedules the use of Anabel Taylor Hall by religious and other campus groups, provides information and counseling and referral services, serves as liaison between the centre and the council described below, and coordinates and interprets religious affairs at Cornell in cooperation with the University Senate's Subcommittee on Religious Affairs. This office also arranges the Sage Chapel convocations held every Sunday the University is in session.

The Centre for Religion, Ethics, and Social Policy is a chartered, independent, educational institution that provides opportunities for faculty, students, staff, and religious organizations to investigate and analyze the relationships between belief systems and the development of social policy. Lectures, conferences, seminars, action projects, and publications are used as methods of dealing with religious, ethical, and ideological implications of social policy. The centre works closely with other programs at Cornell which are similarly concerned with these questions.

The Council of Federated Ministries coordinates and extends the interests and concerns of its member religious ministries at Cornell: Catholic, Christian Science, Episcopal, Evangelical, Friends, Jewish, Latter-Day Saints, Lutheran, Muslim, Eastern Orthodox, Unitarian Universalist, and United Ministry (Baptist, Disciples of Christ, Reformed, United Church of Christ, United Methodist, and United Presbyterian). Each ministry is autonomous, developing



programs according to its aims and religious and moral persuasions.

Motor Vehicles

Any student is permitted to have a motor vehicle at Cornell. Vehicle access to the central campus is tightly restricted, however, and in some residence hall areas available parking space is very limited. Questions about motor vehicles should be addressed to the Traffic Bureau, Cornell University, 115 Wait Avenue, Ithaca, New York 14853.

Housing

Residence Halls

The University provides numerous residence halls accommodating approximately 5,500 students. These residence halls offer substantial variety in size, style, and type of living arrangement provided.

The larger residence buildings represent a variety of architectural styles from late nineteenth century to the latest addition to the University's housing facilities, the North Campus Student Residences, a modern complex consisting of five low-rise and two high-rise buildings, designed on a suite plan.

The kinds of accommodations available in these residence buildings include single rooms, double rooms, triple rooms, suites of rooms, and apartments. There are halls for men, halls reserved for women, and units that are coeducational.

In addition to the larger halls, there are small units that provide an opportunity for cooperative living arrangements for upperclass students. There are also special residences reserved for students sharing a particular interest, such as ecology or the performing arts.

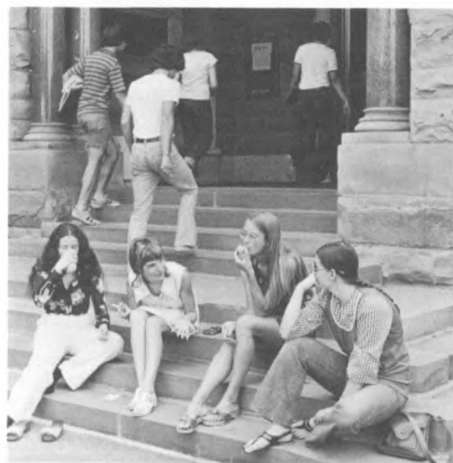
All of the University's residence halls are more fully described in the booklet *Housing for Single Students*, which is mailed to candidates for admission upon notification of their acceptance to Cornell. An application form for University residence halls is included with the booklet.

Although many students elect to live in University housing units, no one is subject to a residence requirement. Because the demand for space usually exceeds the supply, acceptance to the University does not guarantee on-campus housing after the freshman year.



Any student who wishes to live on campus is urged to complete and return the housing application form as soon as notification of acceptance to the University has been received. A fee of \$25 must accompany the completed application. It is refundable only if the University is unable to offer housing accommodations to the applicant.

Assignments are made in the order in which applications are received at the Housing Assignment Office. *A freshman whose application is postmarked no later than June 1 will be assured of a room assignment.* Freshman applications postmarked after that date will also be honored, but in some late cases assignments may not be immediately available. In such instances, students will be offered temporary assignments in residence hall lounge space converted for student occupancy until a



regular assignment can be made.

A limited amount of space has been reserved for transfer students. Prompt return of the residence hall application form is advised since room assignments are made in chronological order according to the date of receipt of the application in the Housing Assignment Office.

An undergraduate or graduate student already in residence at Cornell may apply to remain in the same room for the succeeding year or may apply for space in another location. Policies regarding a student's option to remain in the same room for the succeeding year are subject to change depending on projected housing needs.

Although many continuing students who apply for on-campus housing are able to obtain space, the demand frequently exceeds the number of beds available for upperclass students.

A variety of choices among privately owned accommodations exists for those students who decide to live off campus, either by choice or necessity. Sufficient space is available in the Ithaca community, much of it within walking distance of the campus. The Off-Campus Housing Office will assist students in finding satisfactory living quarters in Ithaca and the surrounding communities.

Graduate Students

The University has two residence halls especially for graduate students. Application forms for graduate housing are not enclosed with notification of acceptance to the Graduate School. To obtain an application write to Department of Student Housing, 223 Day Hall, Ithaca, New York 14853.

Forms should be returned promptly as assignment priority is established by the date of receipt of the application by the University.

Law Students

The Charles Evans Hughes Residence Center is connected to Myron Taylor Hall, which houses the Law School. It provides facilities for 111 single law students, with dining facilities located in the same building. Matriculating law students will receive an application form with their acceptance letter from the Law School.

Family Housing

Unfurnished apartments for 420 students and their families are provided by Cornell in three apartment developments: the Cornell Quarters, Pleasant Grove, and Hasbrouck Apartments. Requests for further information should be directed to Hasbrouck Housing Office, Pleasant Grove Road, Ithaca, New York 14850.

Off-Campus Housing

Information on currently available off-campus housing is posted at the Off-Campus Housing Office, 223 Day Hall. Because changes of available accommodations occur daily, it is not practical to prepare lists for distribution by mail. If possible, a student should make at least one trip to Ithaca to look over the available apartments and houses before taking up residence.

Detailed information on all types of housing for students may be obtained by writing to the Off-Campus Housing Office, 223 Day Hall, Ithaca, New York 14853.



Dining Services

Cornell University maintains dining services in ten locations—Willard Straight Hall, North Campus Union, Noyes Center, Balch Hall, Sage Hall, Hughes Hall, Noyes Lodge Pancake House, Risley Hall, the Statler Student Cafeteria, and the Dairy Bar. These facilities are open to all students on a cash or credit basis, whether or not they live in University residence halls or subscribe to a specific dining plan. The University has no formal dining requirements, allowing students the flexibility of eating when and where they choose.

For those students wishing to subscribe to a dining plan, the following options are offered:

Co-op Dining Program, prepaid each semester, is a convenient and unusually flexible program

that allows students to eat all they want during specified times at four Co-op dining centers (Willard Straight Hall, Noyes Center, North Campus Union, and Sage Hall) at a savings. Students choose from eight available options the one that best suits their needs, and are entitled to become members of the Co-op Dining Advisory Council, which makes recommendations regarding menus, decor, and service. Students do not need to be campus residents to participate in this plan. Additional information may be obtained from Cornell Dining, 233 Day Hall, Ithaca, New York 14853.

Risley Dining Program, prepaid each semester, is primarily for residents of Risley Hall but is open to all. Additional information is available from the student-member Risley Dining Committee at Risley Hall, and also from Dining Services, Room 16, Willard Straight Hall.

Cornellcard, a credit card for those who do not wish to pay cash for each meal or be on the Co-op Dining Plan, is honored by the Department of Dining Services. The Cornellcard program is administered by the Bursar's Office. Information is available from the Bursar's Office, 260 Day Hall.

The Department of Dining Services also operates two grocery stores on campus, the Pick-Up in Noyes Lodge Pancake House, and the Mini-Pickup in Noyes Center. Also, major vending machine areas in Martha Van Rensselaer and Warren Halls and the veterinary college offer hot and cold food and drinks. In these areas radar ovens are maintained for convenience in heating food.

Student Services

Office of the Dean of Students

The University, through the Office of the Dean of Students, maintains a staff of counselors and advisers available for personal conferences with both graduate and undergraduate students. The staff helps students with the routine problems that arise in the normal course of campus life and also more personal problems. It is the general University-wide office concerned with student life at Cornell. Referrals may be made to other professionally trained members of the University staff who are best qualified to be of specialized assistance for particular problems.

Responsible professional staff and student resident advisers who live in the various residence halls and small housing units are also staff members in the Office of the Dean of Students. Their rooms are located so that the staff is easily accessible to assist students with personal, academic, and social problems. The residence staff attempts to create an environment within the residence halls that encourages the personal development of the residents and is supportive of the educational mission of the University.

Staff members of the office assist student groups—student government organizations, fraternities, sororities, extracurricular activity groups—with programs and policy. The office also coordinates programs for orienting new students to campus life and sponsors sex and drug education programs.

Staff members of the schools and colleges within the University also give special attention to the orientation of their students. They provide counselors and advisers to assist their students

in all matters connected with courses of study and academic pursuits.

Foreign Students

The University maintains an International Student Office. Foreign students are invited to write to that office for any information they may need, or to consult the staff about any problems they may have. Upon arrival at Cornell, foreign students are requested to report to the International Student Office, 200 Barnes Hall.

Ombudsman

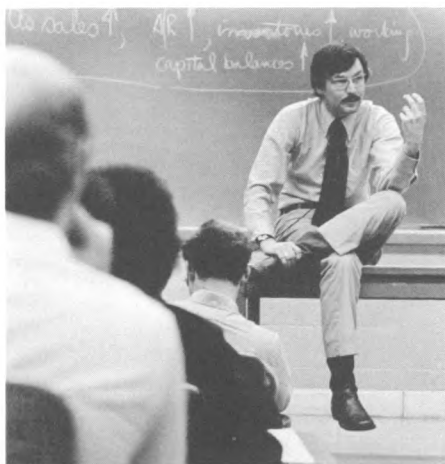
The Cornell University ombudsman and members of the staff hear and investigate complaints concerning the operation of any aspect of the University, especially complaints of injustice and abuse of power. The office is independent of the University administration and all groups on the campus. Any member of the Cornell community may file a complaint with the Ombudsman's Office at 201 Barnes Hall. The telephone number is 256-4321.

Health Services

The following services are available at no expense to the student to all full-time students who have paid Cornell University tuition and who are in Ithaca:

1. unlimited visits to the Gannett Medical Clinic,





2. up to fourteen days of hospitalization each semester in Sage Infirmary,
3. ordinary laboratory and X-ray examinations as ordered by Health Service physicians,
4. counseling services at the clinic and in the Mental Health Section,
5. initial consultation with a specialist when the patient is referred by a Health Services physician.

Expenses not covered by the University Health Services program are: visits to a private physician or health care facility without referral by the Health Services, house calls, hospitalization expenses except in Sage Infirmary, hospital charges and fees for surgical procedures, routine expenses for prenatal or obstetrical care, and expenses connected with illness or injury occurring (a) outside of Ithaca while in transit to and from college, on weekend trips,

and on vacations away from Ithaca during the academic year and (b) during the summer unless enrolled as a summer student. Such expenses are covered by the Supplemental Accident and Health Insurance Plan (see below).

Outpatient care is centered in the Gannett Medical Clinic, 10 Central Avenue. Infirmary care is given in the Sage Infirmary on Sage Place. The clinic and infirmary medical staff under the supervision of the clinical director, consists of attending physicians from the University staff and of consulting physicians and surgeons in the various medical fields from Ithaca and vicinity.

Supplementary Accident and Health Insurance Plan

Insurance at extra cost is available to supplement the services outlined above. For example, hospitalization in Sage Infirmary in excess of fourteen days a term, hospitalization and physicians' fees at Tompkins County Hospital when referral is made through the Health Services, and expenses for illness or accident outside Ithaca are covered. Unless students have other insurance to supplement medical services provided by the University Health Services, they are urged to take advantage of this plan. Information about this insurance may be obtained at the Gannett Medical Clinic, where a representative of the insurance company has an office.

A charge for this coverage will appear on each student's fall tuition bill. If coverage is not desired, the charge may be waived by completing a waiver card, which may be obtained at registration, at 260 Day Hall, or at the Gannett Clinic.

Health Care Plan for Student Spouses

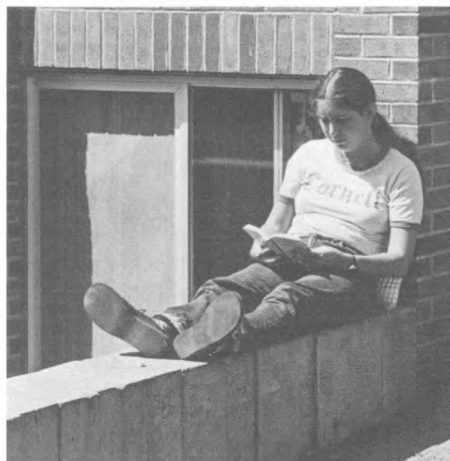
The University Health Services offers a Basic Medical Services Program (BMSP) for student spouses, which is identical in benefits to the student health care outlined earlier. Other services are available at reduced cost to those who participate in the program. Contraceptive and obstetrical services are not included in this program, but other gynecological services are. Students may enroll their spouses before or during the first thirty days of any term.

This BMSP is not to be confused with the Supplementary Accident and Health Insurance Plan for Cornell students and their dependents. The Supplementary Insurance Plan supplements basic health care by providing twelve-month insurance coverage for students and dependents over and above benefits of the Health Services, and by protecting the student or dependent when he or she is away from the Cornell campus.

Information and enrollment forms for the Basic Medical Services Program may be obtained by writing or visiting the University Health Services, Gannett Medical Clinic, Cornell University, 10 Central Avenue, Ithaca, New York 14853.

Career Center

The Career Center, at the 14 East Avenue entrance of Sage Graduate Center, provides information on careers, employment opportunities, teacher placement, fellowships, and graduate study. It is also the center for information about summer opportunities, which include



work, study, travel, and service projects. It serves as a clearinghouse for jobs in business, industry, and teaching. Applications for the Graduate Record Examination, law and business board examinations, among others, are on file there. Arrangements are made through the Career Center for recruiters from graduate schools and employing organizations to visit the campus every year. The Career Center publishes a weekly newsletter in the *Cornell Daily Sun* to keep the Cornell community informed about its activities. An alumni placement service is also operated at the Center.

Educational and Vocational Guidance

Educational and vocational counseling begin in the separate colleges and schools. Each undergraduate is assigned a faculty adviser who will help in the selection of courses that will give the best preparation in a chosen field.

Students desiring assistance in the diagnosis of academic problems, selection of a curriculum, or determination of vocational goals may be referred to the University Guidance and Testing Center, 203 Barnes Hall, for an intensive program of testing and counseling.

Reading-Study Center

The Reading-Study Center offers all students the opportunity to acquire and improve the reading and study skills that are essential for academic success. Each semester, numerous sections of three- and seven-week noncredit courses in reading and study skills and instruction in the techniques of speed reading are offered. The staff of the center also assists individual students with their specific academic problems.

Admission to Cornell

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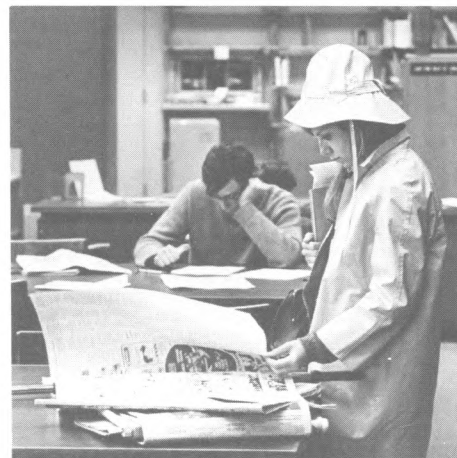
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United States and Canadian citizens seeking admission to an undergraduate school or college or the College of Veterinary Medicine at Cornell should address requests for application materials to the Office of Admissions, Cornell University, 410 Thurston Avenue, Ithaca, New York 14853.

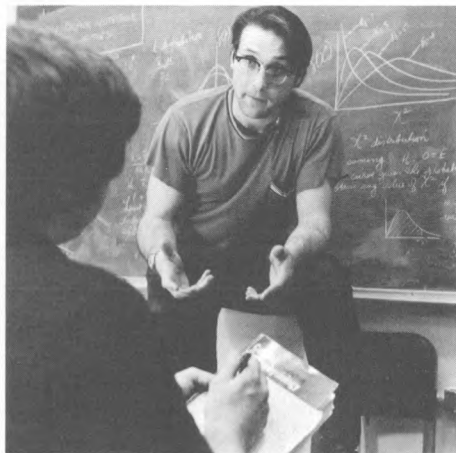
Correspondence regarding entrance to the Graduate School, the Graduate School of Business and Public Administration, the Law School, the Medical College, the Graduate School of Medical Sciences, and the School of Nursing should be addressed to the individual units as indicated on pages 30-35.

Foreign Students. Any foreign national studying in the United States who does not hold a permanent resident or refugee visa is defined by Cornell University as a foreign student.

Foreign students (except Canadians) must complete special application forms obtained by writing the Assistant Director of Foreign Student Admissions, International Student Office, Cornell University, 200 Barnes Hall, Ithaca, New York 14853. Applicants themselves may not determine whether they are foreign students. This is determined by the visa status.

General Admission Policy

It is the policy of Cornell University actively to support equality of educational opportunity. No student shall be denied admission to the University or be discriminated against otherwise because of race, color, creed, religion, national or ethnic origin, or sex.



Each of the undergraduate schools and colleges is limited in the number of students it can accommodate. The number of qualified applicants for freshman and transfer admission exceeds the number that can be admitted. Candidates may submit only one application for a given semester and be considered for admission by only one undergraduate division at a time. Applicants compete only with those seeking admission to the same Cornell school or college. Each undergraduate unit has its own selection committee, admitting those who have best demonstrated they deserve acceptance. Those schools and colleges that focus on professional programs emphasize the selection of students who, having met all other qualifications, show the best evidence of being suited for the field of work to which the course of study is directed.

Choosing the undergraduate unit to which to apply is most important and should be given careful thought. Requirements for admission and graduation vary considerably from one division to another. These should be considered in relation to a student's abilities, interests, achievements, and academic and vocational goals. Secondary school counselors should be consulted and Cornell admissions officers are always ready to assist prospective applicants.

While students at Cornell do transfer from one undergraduate school or college to another after enrolling, such internal transfer cannot be guaranteed. Counseling help is available to those who find themselves in an inappropriate course of study and every effort is made to assist students in transferring within the University so they can satisfactorily complete an undergraduate program. Two reasons students may find transfer from one division to another

difficult are:

- 1) different divisions have different admission requirements, and a student acceptable to one is not necessarily acceptable to another; and
- 2) students who transfer from a state unit to an endowed unit must pay the difference in tuition for the credits transferred (see p. 77).

Academic Competence

As an educational institution, Cornell University is devoted primarily to the intellectual development of its students. Those selected for admission must have demonstrated clearly the intellectual capacity to carry on the academic work and to profit from the instruction. Intellectual preparedness for study at Cornell is judged mainly by the candidate's secondary school record (and college record, if a transfer student), the recommendations of school authorities, and standardized college admissions tests.

Extracurricular Activities

To supplement the basic requirement of demonstrated intellectual capability, evidence of the candidate's ability to make effective use of nonacademic capabilities is an important consideration in admissions decisions. This factor is judged by the character and quality of the student's participation in school and community extracurricular activities, and by the use made of vacation periods. Work experience related to the candidate's vocational or professional objective is also important.

Character, Personality, and Motivation

The intangible but important factors that form good character and an effective personality all receive full consideration by the selection committee. Evidence of a sound motivation for attaining higher education in general and for pursuing a specific field of education is also desirable. Capacity for leadership and concern for others receive due weight. Those factors are usually judged by the report from the applicant's secondary school and by interview reports, when available. Some University divisions require interviews, whereas in others the need for an interview is left up to the applicant. Interviews are also conducted by alumni secondary school committees operating in many sections of the country; such contacts are often helpful in providing the candidate with additional information about Cornell.



Geographical Distribution

Cornell University draws its students from all parts of the United States and more than ninety foreign countries. The University is proud of the cosmopolitan and otherwise diverse makeup of its student body. It believes in the educational values inherent in bringing to the campus persons of widely different backgrounds and directs its admissions policies to the furtherance of these objectives.

The New York State-supported divisions—the College of Agriculture and Life Sciences, the College of Human Ecology, the School of Industrial and Labor Relations, and the College of Veterinary Medicine—recognize these same values and encourage applications from well-

qualified out-of-state students. Most of their candidates are, however, selected from among applicants resident in New York State. The private divisions—the Colleges of Arts and Sciences; Architecture, Art, and Planning; and Engineering and the School of Hotel Administration—impose no restrictions as to residence. In choosing from among candidates of approximately equal qualifications, some preference may be given to those whose homes are in areas not adequately represented in the student body.

Children of Alumni

The University desires to include in the student body as many of the children of its alumni who are qualified for admission as existing admis-





sions competition will allow. In choosing between candidates of approximately equal qualifications, including scholarship, extracurricular activities, character, personality, and motivation, the son or daughter of an alumnus will receive preference in some divisions of the University.

Admissions Conferences, Interviews, and Tours of the University

Prospective students and their families are encouraged to visit the campus and to arrange for discussions with members of the faculty or admissions staff and in other ways to become familiar with the University. The University Office of Admissions and the undergraduate schools and colleges offer a variety of opportunities for group conferences and personal interviews.

University Admissions Conferences

These group sessions are designed especially for those who have limited knowledge about the University or who are unsure about how their academic, professional, or vocational interests might best be accommodated by a Cornell undergraduate program. Conferences include information on the admissions process, financial aid, educational programs, and campus facilities. They are held at the University Office of Admissions, 410 Thurston Avenue on Monday and Friday at 9:30 a.m. and 11:00 a.m.; Tuesday, Wednesday, and Thursday at 9:30 a.m.; and Saturday at 9:00 a.m. Those wishing

to participate are encouraged to make appointments by writing the Office of Admissions or by telephoning 607/256-5241 a few days in advance of a visit, but appointments are not required. Parking is available at the office and arrangements for on-campus parking will be made for those wishing to visit other facilities.

Required Interviews

The College of Architecture, Art, and Planning, the School of Hotel Administration, and the School of Industrial and Labor Relations require interviews as a part of the application process.

Architecture, Art, and Planning. Candidates for admission or prospective applicants are encouraged to visit the campus in the fall of the year before anticipated matriculation for the required interview. An on-campus interview is most desirable. In instances where applicants are unable to arrange for an interview in Ithaca, it is usually possible to schedule an interview with a graduate of the College in the prospective student's area. Interview arrangements may be made by contacting the Admissions Secretary, Sibley Hall or calling 607/256-4376.

Hotel Administration. It is the responsibility of prospective students to arrange for interviews. On-campus interviews are strongly encouraged, but when a visit to the campus is impossible, arrangements can be made for interviews in other locations. Appointments are made through the Admissions Secretary, Statler Hall, 607/256-6376.

Industrial and Labor Relations. The School corresponds directly with students about required interviews *after* they have applied for admission. Alumni interviews or informational visits to

the School do not substitute for the formal interview. Arrangements for informational visits, generally scheduled on Monday or Friday afternoons, may be made by writing the Admissions Office, 101 Ives Hall or calling 607/256-2221.

Optional Interviews

The *College of Agriculture and Life Sciences* offers admissions conferences, either in small groups or individually, by prior appointment from May 1 to late December. Individual conferences for prospective freshmen and transfer applicants are available, as time allows, weekdays from 10:00 a.m. to 12:00 noon and 2:00 p.m. to 4:00 p.m. Group sessions are scheduled on Monday and Friday afternoons at 2:00 p.m. Transfer applicants are usually granted individual conferences to discuss their preparation for transfer. Conferences are not scheduled on Saturdays or University holidays.

The *College of Arts and Sciences* offers two alternatives for meeting with representatives of the College. On Saturdays at 9:30 a.m. from September until mid-January (except holidays), an admissions seminar (lasting about an hour) is held to accommodate those who visit the campus on weekends. Personal conferences for prospective freshmen may be scheduled Monday through Friday from 8:30 a.m. to 4:30 p.m. except from January 15 through April 15. Transfer applicants may arrange for interviews until mid-April.

The *College of Engineering* urges students to visit the campus for an interview if possible. Students interested in the College may request interviews weekdays from 10:00 a.m. to 12:00



noon and from 2:00 p.m. to 4:00 p.m. on a year-round basis (except on holidays). Saturday interviews are possible from 9:00 a.m. to 12:00 noon except during June, July, and August.

Group meetings for students interested in the *College of Human Ecology* are scheduled Monday and Friday at 10:30 a.m. and Monday through Friday at 3:00 p.m., except from January 1 through mid-April when sessions are held at 10:30 a.m. on Monday and 3:00 p.m. on Friday. Special group sessions for those interested in transfer admission are available at 2:00 p.m. Tuesday through Thursday, except for the period January 1 to mid-April. There are no meetings on Saturdays or on University holidays.



All interviews are by appointment. Interested students are encouraged to write or telephone suggesting a date and time, and alternates if possible, at least three weeks in advance of the date requested. Each undergraduate division arranges its own interviews and group meetings and students should communicate with the interview appointment secretary at the address or phone number listed below.

Agriculture and Life Sciences, 195 Roberts Hall
(607/256-2036)

Arts and Sciences, 150 Rockefeller Hall
(607/256-4833)

Engineering, 221 Carpenter Hall
(607/256-5008)

Human Ecology, N101 Van Rensselaer Hall
(607/256-5471)

Campus Tours

Campus tours are conducted by student guides every day except Sundays and University holidays.* The tours, which give a general orientation to the campus, leave the lobby of Willard Straight Hall at the following times:

	Weekdays	Saturdays
Sept. 1-Oct. 31	11:15 a.m., 1:30 p.m.	11:15 a.m.
Nov. 1-Mar. 31	1:30 p.m.	11:15 a.m.
Apr. 1-Aug. 31	11:15 a.m., 1:30 p.m.	11:15 a.m.

*New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day and the calendar days preceding and following it.



Admission of Freshmen Applications

The application process is designed to gather efficiently necessary information about candidates for admission while affording applicants opportunity to describe themselves and their interests, achievements, and educational, vocational, and professional goals in some detail. Selection committees give careful and thoughtful consideration to each applicant, and the information supplied on the application forms is of critical importance.

January 15, 1977 is the deadline for submitting Form 1 of the application for admission for all undergraduate schools and colleges and for financial aid applications. Since assembling complete records for all candidates takes con-



siderable time, and the review of applications is a long and detailed process, prospective candidates are urged to request applications by December 1. Prompt return of completed materials is to the candidate's advantage.

Subject and test requirements of each academic division are discussed in the section The Schools and Colleges, pp. 9-35, under the individual school or college heading. These requirements should be read carefully.

Early Decision Plan

The College of Agriculture and Life Sciences, the College of Arts and Sciences, the College of Engineering, and the School of Hotel Administration offer an Early Decision Plan to a limited number of highly qualified high school seniors whose college preference is Cornell. In addition to the regular application for admission, each applicant interested in early decision is required to submit an Early Decision Request form by November 1. This form accompanies each set of first application papers.

Candidates are notified of the University's decision, including financial aid, by the middle of December. Those not selected for early acceptance but who seem to be qualified for further consideration during the regular review process are notified that action on their applications has been postponed. The Scholastic Aptitude Test of the College Board (taken no later than November of the senior year), or the American College Testing Program Examination (taken no later than October of the senior year) is required. College Board Achievement Tests required by the College of Arts and Sciences and the College of Engineering do not have to be submitted for early decision review,



but these requirements must be completed by accepted candidates before entrance. Early decision candidates whose applications are postponed for regular review must complete the required achievement tests by January. Candidates should write to the University Office of Admissions for a special leaflet about this program.

Early Admission

Each year a few students request consideration for admission after only three years of secondary school. Some of these students receive a high school diploma by completing all requirements in three years; others leave school lacking one or a few credits. Admissions committees will give serious consideration to those applicants who have exhausted the offerings of their secondary schools and who, in addition, give a clear indication of a level of maturity sufficient to make early college entrance desirable and appropriate. Those students who have the opportunity to take advanced, accelerated, or college-level courses during their fourth year in secondary school are usually encouraged to do so unless this action would inhibit the development of some academic strength.

Since there is variation from one Cornell division to another regarding early admission, a student applying as an early admission candidate is encouraged to write the college of his or her choice at Cornell or to make an appointment for an on-campus interview to discuss such plans and reasons for wishing to enter early.

Selection Process and Notification

A committee in the school or college to which the candidate has applied selects those it considers most entitled to admission from among all who have applied to that division.

Four divisions of the University—the Colleges of Agriculture and Life Sciences, Engineering, and Human Ecology and the School of Hotel Administration—follow a policy of “rolling admissions.” Decisions are reported to applicants over a period of time, with some letters going out as early as February 1, but with most of them mailed during March and the first half of April. The selection committee in each of these divisions must review a large number of applications and the fact that some applicants hear from Cornell considerably later than others simply may mean that consideration of their applications has been delayed by this time-consuming process. In short, one should not infer that relatively late notification is related to how Cornell regards the quality of the applicant.

Applicants for the College of Architecture, Art, and Planning; the College of Arts and Sciences; and the School of Industrial and Labor Relations are advised of the outcome on the common notification date in mid-April.

Most financial aid notification announcements also are mailed on the mid-April common notification date to candidates for all divisions.

Delayed Enrollment

Some students accepted for freshman admission may wish to delay their enrollment until the following year or later. This is usually permitted in all divisions except in the School of Hotel Administration, provided the student is committed to Cornell for the future entrance time



selected and will not be applying elsewhere.

An accepted student who wishes to delay entrance should (1) accept Cornell's admission offer by the stated date; (2) complete and return the registration fee coupons which come with an acceptance, along with the required \$50 fee; and (3) explain in an accompanying letter reasons for requested enrollment delay and when entrance is desired.

If the request for delayed entrance is approved, the student will be guaranteed a place in the specified future freshman class.

Spring Term Freshman Admission to Arts and Sciences

The College of Arts and Sciences offers admission to a limited number of freshman candi-

dates for the spring term. Some of the spring term freshmen are selected from those on the waiting list for the previous fall term. They are notified of admission by July 1. Others are considered under a fall application and selection cycle. First-time applications for spring term admission must be submitted by November 1.

Spring term admission may be especially attractive to those who wish to defer college entrance for a semester to travel or work and to those eligible to graduate from high school at midyear and wish to enter college immediately as part of their plans for acceleration. (Students accepted for admission for the fall term wishing to defer entrance until spring should submit a written request within a few days after receiving an acceptance for admission.)

Admission of freshmen for the spring term is available only in the College of Arts and Sciences.

Test Requirements for Admission

College Entrance Examination Board Tests

Freshman candidates are urged to take the College Board Scholastic Aptitude Test no later than the December test date of the senior year and any required College Board Achievement Tests no later than the January test date for fall entrance. They must request the College Entrance Examination Board to send the official score report to Cornell University. Scores reported on school transcripts or in other ways are not acceptable.

Candidates may obtain application forms for these tests either through their schools or by writing directly to the College Entrance Exami-

nation Board at Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California 94701.

American College Testing Program Tests

All divisions will accept the results of the American College Testing Program as either a partial or a complete substitute for the College Entrance Examination Board Tests.

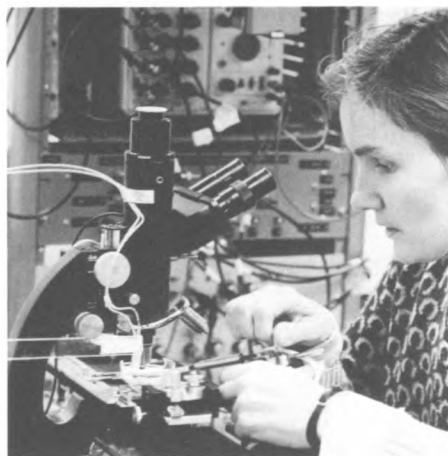
Candidates for fall entrance are urged to take the tests no later than the November test date of the senior year. Registration packets may be obtained from secondary schools or from the American College Testing Program, P.O. Box 168, Iowa City, Iowa 52240, or 216 Goddard Boulevard, King of Prussia, Pennsylvania 19406.

Candidates must ask the American College Testing Program to send the official score report to Cornell University. Scores reported on school transcripts or in other ways are not acceptable.

New York State Regents Examinations

The Regents Examinations, prepared by the New York State Education Department, are not required by any division of the University. They are particularly desired, however, of applicants from New York State who are candidates for admission to the College of Agriculture and Life Sciences or the School of Industrial and Labor Relations, and they are useful in the evaluation of candidates for the other divisions as well.

More detailed information regarding subjects, tests, and other requirements for each of the individual schools and colleges is contained in the section The Colleges and Schools, p.9-35, under the individual college or school heading.



Freshman Summer-Start Program

June 29-August 12, 1977

A special program is available for selected incoming Cornell freshmen who wish to begin their college careers in the summer. The program consists of two six-week courses and of academic and social activities designed to introduce the student to Cornell. Students live together in a dormitory with resident counselors, in a situation intended to provide informal association with faculty members.

The advantages of the early start program are many and will vary from student to student: to adapt early to college life; to make friends and meet faculty in the informality and small classes of the summer session; to get a head start in a probable major and move into





sophomore-level courses in the fall; to pursue a few new subjects the student would enjoy exploring; to learn a language; to work toward an accelerated degree; to save money (the Freshman Summer-Start Program costs substantially less per semester hour than in the regular school year); or simply to study at Cornell while the campus is uncrowded and the natural attractions of the Ithaca area are at their most inviting.

For more detailed information write to Summer Session, Cornell University, 105 Day Hall, Ithaca, New York 14853.

Advanced Placement of Entering Freshmen

Entering freshmen may qualify for advanced

placement or credit or both on the recommendation of the appropriate departments of instruction and with the approval of their school or college. Policies and procedures relating to the awarding of advanced placement and credit vary from one undergraduate school or college to another and students are advised to consult with a member of the admissions staff in the individual units for detailed information.

Results of examinations sponsored by the College Entrance Examination Board (the Advanced Placement Program and the College Level Examination Program), the United States Armed Forces Institute, and the New York State College Proficiency Examination are considered in recommending placement or credit. In addition, several Cornell departments offer their own examinations given on campus during Orientation Week.

Students may also qualify for credit based on previous college work completed at Cornell or elsewhere. Copies of transcripts and course descriptions should be sent to the appropriate school or college office at Cornell.

A leaflet describing advanced placement in greater detail is available from the Office of Admissions, Cornell University, 410 Thurston Avenue, Ithaca, New York 14853.

Admission of Transfer Students

Cornell Definition of "Transfer Candidate." If at the time of proposed entrance to Cornell a student, no longer associated with a high school, will have the equivalent of one semester or more of college work, that student is to be considered as a transfer candidate. (An exception is that a high school student who graduates

at midyear and pursues a college program for the rest of that academic year will be considered as a *freshman* candidate, with consideration for advanced standing credit as appropriate, and the freshman application deadline applies.)

Students who have attended another college or university may apply for transfer to any of the undergraduate divisions at Cornell. A leaflet entitled *Transfer to Cornell* contains complete instructions and is included with the second part of the transfer application. Advance copies may be obtained upon request from the Office of Admission, 410 Thurston Avenue, Ithaca, New York 14853.

Transfer applications are available from the Office of Admissions, 410 Thurston Avenue. Form 1 of the application must be returned by the following dates for transfer in September 1977:

November 1
Veterinary Medicine

January 15
Architecture, Art, and Planning

February 1
Hotel Administration

March 15
Agriculture and Life Sciences,
Human Ecology
Industrial and Labor Relations

April 15
Arts and Sciences
Engineering

All divisions also consider transfer applications for the spring term, with deadline dates as follows:



November 1

Agriculture and Life Sciences
Architecture, Art, and Planning*
Arts and Sciences
Hotel Administration
Human Ecology

November 15

Engineering
Industrial and Labor Relations

Only the School of Hotel Administration considers foreign transfer applicants who are not currently studying in the United States for the spring term.

Engineering and Hotel Administration will consider candidates for spring term admission even if by then they will have completed only one semester of college. Other divisions require completion of at least one year of college work for spring term transfer consideration, except that in rare instances Agriculture and Life Sciences, Arts and Sciences, and Industrial and Labor Relations will consider spring term candidates who will have only one semester of college work.

Each applicant will be asked to furnish supplementary information including secondary school academic credentials. A standard secondary school report form will be sent to the applicant for transmittal to the high school. Interviews are required by the College of Architecture, Art, and Planning and the School of Hotel Administration. The School of Industrial and Labor Relations requires a 500-word essay and recommends, but does not require, an interview when distance makes one feasible.

*Normally only candidates who have upperclass standing in professional programs are considered for spring transfer.

Transfer applicants also should be prepared to furnish transcripts of all work completed at the college level. For students wishing to be admitted in *September*, the transcript should include work taken the prior fall term plus a listing of courses being taken during the spring term. For students wishing to be admitted in *January (spring term)*, the transcript should include work taken through the previous summer, plus a listing of courses being taken during the fall term.

An admitted transfer student will be required to submit a transcript of *all* college work completed before entrance to Cornell.

Most transfer applicants are required to submit scores of the College Board or ACT examinations. For details consult the leaflet *Transfer to Cornell*.

Although students from community colleges and other two-year college programs may apply to any division of the University, the Colleges of Agriculture and Life Sciences, Engineering, and Human Ecology and the School of Industrial and Labor Relations particularly encourage applicants from these programs. Students should write to the transfer selection committee heads of these divisions for information pertaining to admissions procedures, financial aid, and advanced standing.

A transfer candidate for any undergraduate division will be expected to have taken a program elsewhere similar to one expected of a student in the Cornell school or college of the candidate's choice. This is important so that the best fit with the selected Cornell curriculum is made possible. For specific subject requirements or preference consult the leaflet *Transfer to Cornell* and the *Announcement* of the Cornell unit involved.





Special Students

Special students are those who enroll for one or more semesters and take a full program of studies as nondegree candidates. (Those interested in less than full academic programs should contact the Division of Extramural Studies, 105 Day Hall.) Each year most of the undergraduate schools and colleges admit a number of special students interested in attending the University on a short-term basis for a variety of reasons, including those currently attending other institutions where they expect to receive a degree but who want particular courses offered here. (Examples are the Junior Year at Cornell Program in Arts and Sciences and the Visiting Student Program in Industrial and Labor Relations.) Others come as special students to improve themselves professionally

or to prepare for additional academic work at Cornell or elsewhere.

Those interested in being considered for special student status should consult with an admissions officer in the appropriate division before applying since opportunities and procedures vary from one unit to another. A form requesting consideration as a special student must accompany the regular application form. This form may be obtained from the University Office of Admissions or from the individual school and college admission offices.

Health Requirements

Each entering student (undergraduate or graduate) is expected to assume personal



responsibility for fulfilling the following health requirements adopted by the Cornell University trustees. Permission to register will not be granted unless all health requirements have been fulfilled.

Each student is required to submit a health history and to have a medical examination. (This applies also to special students who must meet other medical and health requirements such as physical education and military training.) A student accepted for admission will be sent forms to be filled out by the home physician and returned promptly to the Gannett Medical Clinic.

A University physician will review the material before it becomes part of the student's permanent health record. All information given is confidential. If the medical history indicates a need, a student will be given an appointment to consult a physician at the Clinic. When a student has been away from the University for more than a year, that student must, upon reentrance, submit an interim health history on a University form.

All undergraduate students are required to be properly immunized against tetanus. While not required, it is strongly recommended that graduate students also have proper tetanus immunization. The University Health Services will make available at the Gannett Clinic initial immunization and booster doses of tetanus toxoid at a nominal charge for those who are unable to obtain immunization at home.

Special Opportunity Programs

Cornell University administers a variety of special opportunity programs designed to provide

financial assistance and other forms of assistance to (1) minority students and (2) low-income students meeting program guidelines. The emphasis of these special programs is to aid in increasing representation of students from minority groups present in New York State who historically have been underrepresented in higher education. However, participation is also available to those residing outside New York State. For details, prospective students should consult the *Guide for Candidates* which accompanies each undergraduate application or will be sent upon request by the Office of Admissions, 410 Thurston Avenue, Ithaca, New York 14853.

Each year a limited number of students who, because of their economic and / or educational backgrounds, might not consider applying to Cornell are admitted. In these cases, criteria other than traditional academic standing and test scores are often weighted more heavily in admissions decisions. Such students are awarded financial assistance from the following public and University sources:

Federal Economic Opportunity Grants (EOG)

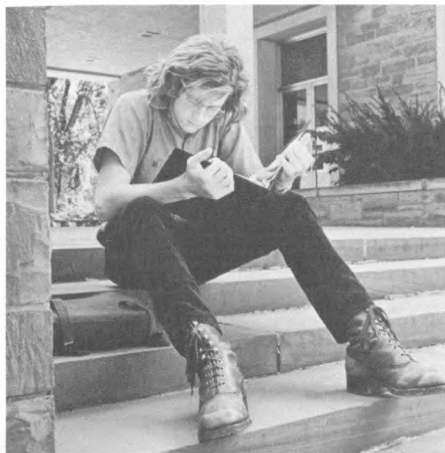
Federal College Work Study Program (CWSP)

New York State Higher Education Opportunity Program (HEOP)—for those applying to private Cornell units

New York State Educational Opportunity Programs (EOP)—for those applying to state-supported Cornell units.

Cornell Committee on Special Educational Projects (COSEP)

Financial aid programs are open to any student meeting aid program specifications. Fed-



eral programs assist those meeting specified economic guidelines whereas New York State programs assist state residents meeting both lower economic and lower educational guidelines. COSEP assists minority students, particularly from minority groups present in New York State that historically have been underrepresented in higher education. As the amount of financial need per student as calculated from the Parents' Confidential Statement (PCS) is high, most awards will consist of combinations of scholarship, loan, and job aid during a student's undergraduate years.

Candidates who believe they qualify and wish to be considered for financial aid under programs designed to assist low-income students should specifically apply for such consideration on the student aid application that accompanies the application for admission. They must be sure that Cornell student aid applications and Parents' Confidential Statement forms are submitted to Cornell, in addition to applications for admission.

In addition to providing financial aid for minority students, COSEP, in conjunction with the individual Cornell colleges and schools, provides services designed to promote a favorable initial campus adjustment, which has been found to be a principal determinant of college success. Applicants electing COSEP assistance participate in the following services:

Summer Programs. These are for applicants when information on prior preparation and academic goals indicates a particular need that can best be met by prefreshman six-week summer courses. Those expected to attend will be advised at the time of acceptance for admission.

Special Orientation. All program participants attend the special orientation (starting approximately one week before regular orientation) to receive special briefing and introduction to the campus. Also, diagnostic testing will be administered for purposes of course-load counseling for the fall.

Tutorial Services and Developmental Courses. At special orientation all students will be advised of various academic services. Students will be assigned to these services depending upon individual academic needs and educational goals.

Personal Services and Activities. At special orientation all students will be informed of counseling and program activities sponsored by COSEP and the individual colleges or schools.

The support services described above, although available throughout the college career, are especially designed to assist and ease the student's adjustment during the first year.

Those who believe they qualify and wish to be considered for COSEP aid and services must request such consideration on Form 1 of the application for admission (item I). Qualified applicants not electing COSEP assistance compete for admission and financial aid with the general applicant pool.

As available funding is limited under these special programs, those who most closely meet the guidelines will be selected. Because of limited resources and Cornell's close state tie, New York State residents have some degree of preference.



Expenses and Financial Assistance

Seventy percent of all Cornell undergraduates receive some form of financial aid from University, state, federal, or other sources. Over 50 percent receive Cornell allocated scholarships, jobs, and / or loans. The purpose of financial aid is to ensure that the University continues to make it possible for students of all degrees of financial capability to attend Cornell.

No student should hesitate to apply for admission because of financial circumstances. Over 90 percent of those freshmen offered admission and who have calculated need are offered financial assistance to meet the full need. A detailed pamphlet on financial aid is included with every application for admission.

Most students plan to finance their education through a combination of a contribution from parents, the student's own contribution from savings, assets, and earnings from summer and vacation employment, and, if need is demonstrated, by financial assistance. The total amount of aid awarded, if any, is based on remaining need determined by subtracting the total family contribution from the estimated cost of attendance. If the student is eligible for a scholarship, grant, or loan from a source other than Cornell University, the University subtracts the amount of this assistance from the estimated financial need and attempts to meet fully the remaining need.

Transfer students also may apply for financial aid, but resources are limited and competition for awards is keener than for freshman students.



Foreign transfer student applicants for financial aid will be considered *only* if they will have completed an Associate Degree by the time of anticipated enrollment.



Expenses

Table 1. Tuition

<i>College, School, or Division</i>	<i>Tuition for Academic Year 1976-77</i>		
Agriculture and Life Sciences:		Human Ecology:	
Resident*	\$1,800	Resident*	1,800
Nonresident	2,800	Nonresident	2,800
Architecture, Art, and Planning	4,110	Industrial and Labor Relations:	
Arts and Sciences	4,110	Resident*	1,800
Engineering	4,110	Nonresident	2,800
Graduate School:		Law School	4,050
with major field of study in an endowed division	4,110	Medical College†	4,750
with major field of study in Agriculture and Life Sciences, Human Ecology, or Industrial and Labor Relations	2,000	Graduate School of Medical Sciences†	4,110
with major field of study in Veterinary Medicine	2,600	School of Nursing†	2,600
Graduate School of Business and Public Administration:		Summer Session and Extramural (tuition per credit hour)	95
First-year student	4,400	Unclassified Students	4,110
Second-year student	4,100	Veterinary Medicine:	
Hotel Administration	4,110	Resident*	2,600
		Nonresident, now enrolled	3,400
		Nonresident, new student	4,500

*A resident is a person whose domicile is in the state of New York at the time of registration for the term.

†In New York City

Table 2. 1976-77 Estimate of Living Costs and Personal Expenses

Basic Living Costs

Registration fee	
(new students only)	\$ 50
Books and supplies*	200
Room and board†	1,900
Personal expenses	500
Total	\$2,650 plus travel

*Students in the College of Architecture, Art, and Planning and upperclass students in the Department of Design and Environmental Analysis are allowed an additional \$150.

†This allowance is for single students. Budgets for married students may be higher. New students who commute from their parent's home will have a room and board allowance of \$950.

The total expense budget for a student includes tuition (Table 1), basic living costs (Table 2), and travel.

Resources

Resources to meet the expense budget come from the family's contribution (parent and student) and various forms of financial aid (scholarships, grants, loans, and/or jobs) as explained below.

Family Contribution

Parents' Contribution

The Office of Financial Aid uses the information provided in the Parents' Confidential Statement (PCS) or the Cornell University Financial Statement to determine a fair contribution from each family. It takes into account the family's income and assets, the number of dependents, educational and medical expenses, certain types of debt, and other factors. This office uses the federally required and approved computation guidelines of the College Scholarship Service. Parents are required to submit certified copies of their most recent federal income tax return to verify financial data reported on the Parents' Confidential Statement.

Student's Contribution

The University expects all students to assist in meeting the cost of their education. A student's contribution includes earnings from summer and vacation employment, tuition benefits derived from parental employment at a university, social security and veterans' benefits, and a portion of personal savings and assets.

Financial Aid

Cornell University offers a combination of gift (scholarship and grant) and self-help (loan and job) assistance. The financial aid package usually consists of a loan and job and, if need remains, a scholarship or grant. Self-help levels are reviewed annually and may be increased if funds are not available for gift assistance to meet increases in tuition and other expenses.

Scholarships and Grants

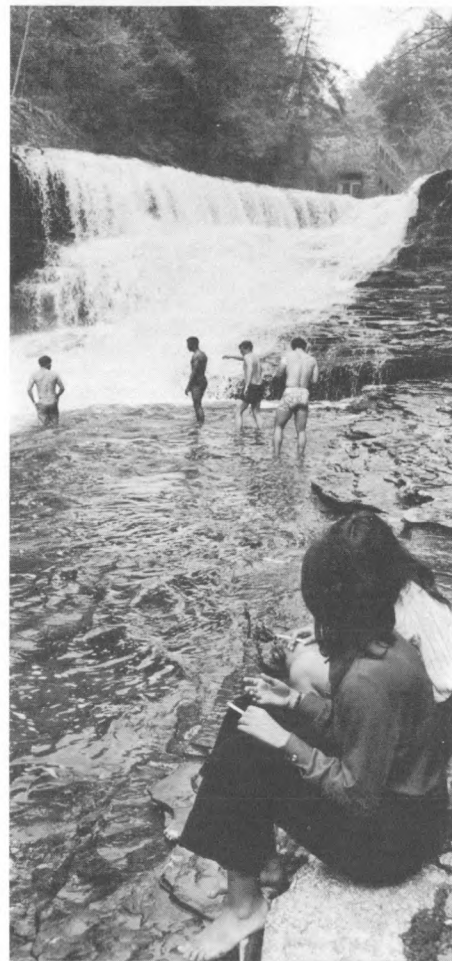
Many students are eligible to receive a scholarship or grant from the University as well as from various federal and state programs.

The University budgets over \$7,200,000 for undergraduate scholarships. (In addition, there are other outside grants and scholarships as indicated in the next section.) The student applies for financial aid *in general*; the University matches the student to the most appropriate University or outside scholarship source.

The most prestigious award is the Cornell National Scholar. It is awarded to those with the most promise of academic excellence *and* the personal capacity to take advantage of and contribute to the Cornell community.

Other grant resources include:

HEOP and EOP Grants. These New York State grants are awarded to students from low-income families who show promise of success at Cornell because of the special counseling and supportive services from the University. An academic and social program is held on campus during the summer for all entering freshman students receiving these grants. See page 69 for further information regarding this program.



Supplemental Educational Opportunity Grants (SEOG). These federal grants are awarded to students demonstrating exceptional financial need.

Basic Educational Opportunity Grants (BEOG). These federal grants, based on financial need, are awarded directly to the student by the federal government. Cornell attempts to identify eligible students and includes an estimate of this award in the aid package. It is the student's obligation to obtain a grant application from a high school guidance office, library, or college financial aid office and formally apply for the grant. Upon receiving an eligibility report from the BEOG program, the student should mail the report immediately to the Office of Financial Aid. If the actual award differs from the University's estimate, an adjustment will be made to Cornell-assigned financial aid.

Regents Scholarships and Tuition Assistance Program (TAP). New York State residents are eligible for state scholarship assistance. Prospective students should obtain an application for this award from high school guidance counselors and submit it to the New York Higher Educational Services Corporation, Student Financial Aid Section, 99 Washington Avenue, Albany, New York 12230.

Other State Scholarship Programs. Some states offer state scholarships for students who are attending institutions out of the state, and thus might be used at Cornell. Prospective students should consult their secondary school guidance counselor, state scholarship program office, or the Cornell Office of Financial Aid for further information about their state's programs.

Loans

Several loan programs are available to assist students in meeting their financial needs. Students are not required to accept a loan in order to receive other types of aid.

National Direct Student Loan (NDSL) Program.

These University loans are awarded to undergraduate students and are intended for students who have great financial need. No interest is charged on this loan while the student continues in at least half-time study, but interest of 3 percent is charged beginning nine months after leaving school. Students have up to ten years to repay the loan after concluding study. Deferment of repayment is allowed for graduate work and for military, Peace Corps, and VISTA service. Up to 100 percent of the loan may be cancelled for a student who becomes a special education teacher or a teacher in an economically and culturally deprived area.

Other Cornell University Loans. These Federally Insured Student Loans (FISL) are assigned to students who do not qualify for a National Direct Student Loan and who live in states that do not have a state loan program. As the interest rates and repayment provisions for these loans are the same as those for state loans, see the State Loan section below for this information.

State Loans. Twenty-seven states currently offer loan programs to students attending institutions in or out of the home state. Loans made under the state loan program normally carry an interest rate of 7 percent. If the student does not borrow more than the amount recommended by the University, the federal government will pay the interest until nine months after graduation or the termination of at least half-time study. At that time repayment of both



interest and principal will begin. Deferment of repayment may be permitted for graduate work and military, Peace Corps, and VISTA service.

If parents' adjusted income (bank officials can explain the term *adjusted income*) is less than \$15,000, a student may be able to increase his or her loan by all or part of the amount of the total expected family contribution (see the award announcement). Students are strongly encouraged to discuss the ramifications of this kind of borrowing with a financial aid counselor before borrowing more than the University recommends.

Employment

Cornell participates in the federally funded College Work Study Program. Job placement

reaches to most areas of University activity. Every effort is made to refer students to positions compatible with their interests and qualifications although such opportunities are not always available. Pay rates range from \$2.30 to \$3.50 per hour, depending on the skills required and employment experience. Students are paid once every two weeks for hours worked. Once students have earned the amount for which they are eligible, the federal regulations require that they be terminated from the program and they will be unable to continue this or other University employment without clearance from the Office of Financial Aid.

Application for Financial Aid

A financial aid application is included with each application for admission. It is to be completed by each candidate who wishes to be considered for financial assistance. It will be necessary to submit a Parents' Confidential Statement (obtainable from secondary school guidance offices or the Cornell Office of Financial Aid). The statement should be sent to the College Scholarship Service, Princeton, New Jersey 08540, by January 1 if possible to allow for processing time, and no later than January 15, 1977.

Renewal in Subsequent Years

The financial aid package a student receives is for the first year only, but is renewable for subsequent years upon application. *Students who wish to renew their financial aid must reapply.* Applications for renewal are available in the Office of Financial Aid in December of

each year. Aid is normally continued through eight undergraduate semesters (ten semesters for students in the Department of Architecture) if financial need continues and normal progress towards a degree is maintained. Amounts of awards are based on annual review of criteria and regulations governing these awards.

Orientation Sessions

All incoming recipients of aid and their parents are encouraged to attend the financial aid orientation session included in the Cornell orientation program. Students will be responsible for information given at these sessions. Consult the orientation schedule for dates and times of the sessions.

Financial Counseling Services

The University has a staff of financial aid advisers to answer questions about financing an education at Cornell. Please contact an adviser in the Office of Financial Aid, 203 Day Hall, if you have any questions about the aid package or if you need assistance in budgeting.

Other University Charges and Procedures

In addition to the charges listed in the tables on page 73, certain financial obligations should be carefully noted by students entering the Ithaca divisions of the University, and taken into account in a student's budget of expenses. Fees in the Medical College, the Graduate School of Medical Sciences, and the School of Nursing in



New York City are listed in the *Announcements* of those divisions.

An application fee of \$25 must be paid at the time an application for admission is submitted to any division. The fee is nonrefundable.

A registration fee of \$50 must be paid at the time the applicant receives notice of acceptance from any of the following divisions: Agriculture and Life Sciences; Architecture, Art, and Planning; Arts and Sciences; Engineering; Graduate; Hotel Administration; Human Ecology; Industrial and Labor Relations; Unclassified; and Veterinary Medicine. The fee is nonrefundable and does not apply toward the first term's charges.

Payment of University Bills

The Bursar's Office mails statements at the beginning of each month to the home addresses of students who incur charges and to students who have amounts due the University.

Tuition and room charges are billed on a per-term basis approximately one month before the beginning of each term. Charges not billed on the first statement will appear on a subsequent monthly statement.

All charges are payable in full within twenty days of the billing date. Any amounts remaining unpaid, in whole or in part, after thirty days from the due date of the statement on which the charges first appeared will be assessed a finance charge computed from the due date at the rate of 1 percent per month (12 percent annual percentage rate).

Cornell University does not offer, and neither is it associated with, a plan for time payment of educational expenses. University charges may be paid at the convenience of the individual, subject to finance charges outlined above.

A student's registration in the University is subject to termination unless all charges incurred for or during a term are paid within ninety days from the regular registration day for the term.

An individual who has outstanding indebtedness to the University will not be allowed to register or reregister in the University, receive a transcript of record, have academic credits certified, be granted a leave of absence, or receive a degree.

The amount, time, and manner of payment of tuition, fees, or other charges may be changed at any time without notice.

Refunds

Part of the amount personally paid for tuition will be refunded if the student obtains an official certificate of Leave of Absence or Withdrawal at the office of the dean or director of the academic division involved. Students who terminate their registration in the University during a regular term in this manner will be charged tuition from the registration day to the effective date of the certificate as follows: first week 10 percent, second week 20 percent, third week 30 percent, fourth week 40 percent, fifth week 60 percent, sixth week 80 percent, seventh week 100 percent, except that no charge will be made if the effective date is within the first six days, including registration day. No part of the application or registration fees is refundable.

The University also makes available tuition insurance which provides refunds in the event of leave of absence or withdrawal for medical or emotional reasons. Complete details regarding this coverage and applications accompany the August tuition bill.

Excess Hours Tuition

Students in the four statutory divisions who wish to take courses in the endowed divisions beyond the hours allowed free under the rules of those statutory divisions, may be allowed to do so on payment for the additional hours of instruction at the rate of tuition in the college in which the instruction is given.

Transfer Tuition

Any student transferring from one college (or course or courses) in the University to another



must, on or before the time of transfer, pay an amount corresponding to the difference in tuition for the hours of credit that will be allowed in the latter college (or course or courses). The payment of transfer tuition may not be deferred and the taking of credit hours may not be reduced or deferred.

Special Fees

The following fees are imposed under certain conditions: late registration, \$10; makeup examination, \$10; late filing of study card, \$10; late change of program, \$10; failure to check out chemistry desk, \$5; bad check fine, \$10.

Joint Statement on Common Admission Procedures

Ivy Group Institutions

The Ivy Group is a loosely-formed organization of colleges and universities. It was established in 1954 primarily for the purpose of fostering amateurism in athletics. Relations between the member institutions have grown over the years to the point where we now meet regularly (along with Massachusetts Institute of Technology) at a variety of levels to discuss topics which range from the purely academic to the purely athletic and from fundamental educational philosophy to procedures in admissions.

Each member institution has its own identity and character and protects its right to pursue its own educational objectives. Thus, although the Ivy Group institutions are similar in many respects, each member institution will continue to make its own independent admission decisions according to its own particular admission policy.

In recent years, however, it has become clear that the transition between secondary school and institutions of higher education has become increasingly complex and that greater efforts should be made to simplify the admission process through more uniform procedures. It is our hope that by outlining carefully the procedures under which we are operating and by clearly specifying not only what an applicant's obligations are to us but also what our obligations are to him or her, we can help students pursue their college interests free of unnecessary confusion and pressure.

General Procedures

All contacts with students by representatives of Ivy institutions are intended to provide assistance and information and should be free of any activity which could be construed as applying undue pressure on the candidate. *No information referring to the admission or financial-aid status of an applicant to an Ivy institution may be considered official or reliable unless it is received directly from that institution's admission or financial aid office.*

Ivy institutions mail admission decision letters twice annually, in mid-December and mid-April. Those who wish a decision in December must apply by November 1 and complete their applications with supporting materials shortly thereafter. The application deadline for mid-April notification is January 15.

December Notification

Under December notification an applicant may be notified that he or she has been granted or denied admission or that a final decision has been deferred until the mid-April notification date. Two plans are offered:

A. The College Entrance Examination Board-approved Early Decision Plan, which is offered by Columbia College, Cornell University (College of Arts and Sciences and some other units of the University), Dartmouth College, and the University of Pennsylvania, requires a prior commitment to matriculate.

Financial aid awards for those qualifying for financial assistance will normally be announced in full detail at the same time as the admission decisions. An applicant receiving admission and an adequate financial award under the Early Decision Plan will be required to accept that offer of admission and withdraw all applications to other colleges or universities. All the Ivy institutions will honor any required commitment to matriculate which has been made to another college under this plan.

B. An Early Action Plan is offered by Brown University, Harvard University, Massachusetts Institute of Technology, Princeton University, and Yale University. This plan does not require a commitment to matriculate although it is hoped that a student will limit the number of applications submitted under the Early Action Plan. Those admitted candidates applying for financial aid and qualifying for financial assistance will not receive any information concerning financial aid awards until the mid-April common notification date.

Students are urged to consult the admission literature available at each Ivy institution for details concerning their particular December Notification Plan.

Early Evaluation Procedure

Beginning in January and continuing until March 1, participating institutions may advise an applicant of his or her chance of admission (e.g. "Likely," "Unlikely," "Possible," or "Insufficient Information for an Evaluation"). As these are merely tentative assessments, it should be clearly understood that no commitments are involved on the part of either the institution or the applicant. Any Ivy institution may also send out copies of its early evaluation notices to guidance counselors and to others involved in admission-related activities, such as faculty, alumni, and coaches, but no final information about the admission or financial aid status of an applicant may be released to anyone until the common notification date in mid-April. One major exception to this rule is that any Ivy institution may announce formal denials of admission to applicants at any time during the admission season.

April Notification

On a common date in mid-April, applicants to the Ivy institutions will be notified of admission decisions and financial aid awards.

Financial Aid

All the Ivy institutions follow the common policy that any financial aid will be awarded solely on the basis of demonstrated need. Moreover, in order to insure that financial

awards to commonly admitted candidates are reasonably comparable, all of the Ivy institutions will continue to share financial aid information concerning admitted candidates in an annual "Ivy overlap" meeting just prior to the mid-April common notification date.

Common Reply Date

Except for those applicants admitted under the College Entrance Examination Board-approved Early Decision Plan, which requires a prior commitment to matriculate, no candidate admitted to any of the Ivy institutions will be requested to announce his or her decision to accept or decline an offer of admission until the common reply date of May 1. All such candidates may delay their commitment to attend until May 1 without prejudice.

Participating Institutions

Brown University
Columbia College
Cornell University
(College of Arts and Sciences)
Dartmouth College
Harvard and Radcliffe Colleges
Massachusetts Institute of Technology
Princeton University
University of Pennsylvania
Yale University

The University of Pennsylvania will announce formal admission decisions by December 15 for students attending high schools in the state of Pennsylvania who file applications by November 1. No such candidates, however, will be requested to make any commitment to the University of Pennsylvania before the May 1 common reply date.

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