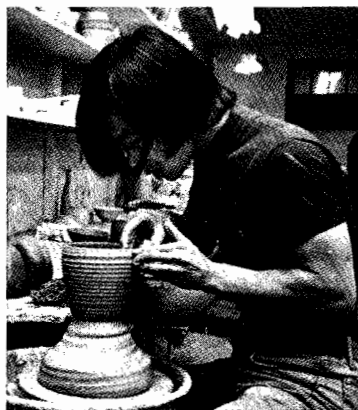


ALFRED UNIVERSITY

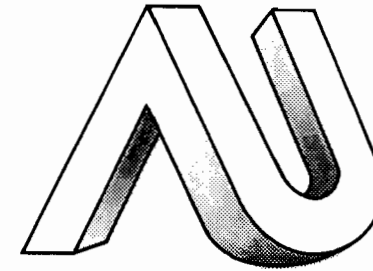
PUBLICATION

1975-76 CATALOG



YORK STATE COLLEGE OF CERAMICS

ALFRED UNIVERSITY CATALOG 1975-76



**ALFRED UNIVERSITY CATALOG
1975-76**

IMPORTANT NOTICE

The provisions of this bulletin are not to be regarded as a contract between any student and the University. Course content and regulations are under constant review and revision. The University reserves the right to change any provisions, regulations or requirements set forth herein, and the right to withdraw or amend the content of any courses listed as may be required or desirable by circumstances.

ALFRED UNIVERSITY PUBLICATION

VOLUME LI

AUGUST 1, 1975

NUMBER 6

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ALFRED UNIVERSITY □ ALFRED, N.Y. □ 14802



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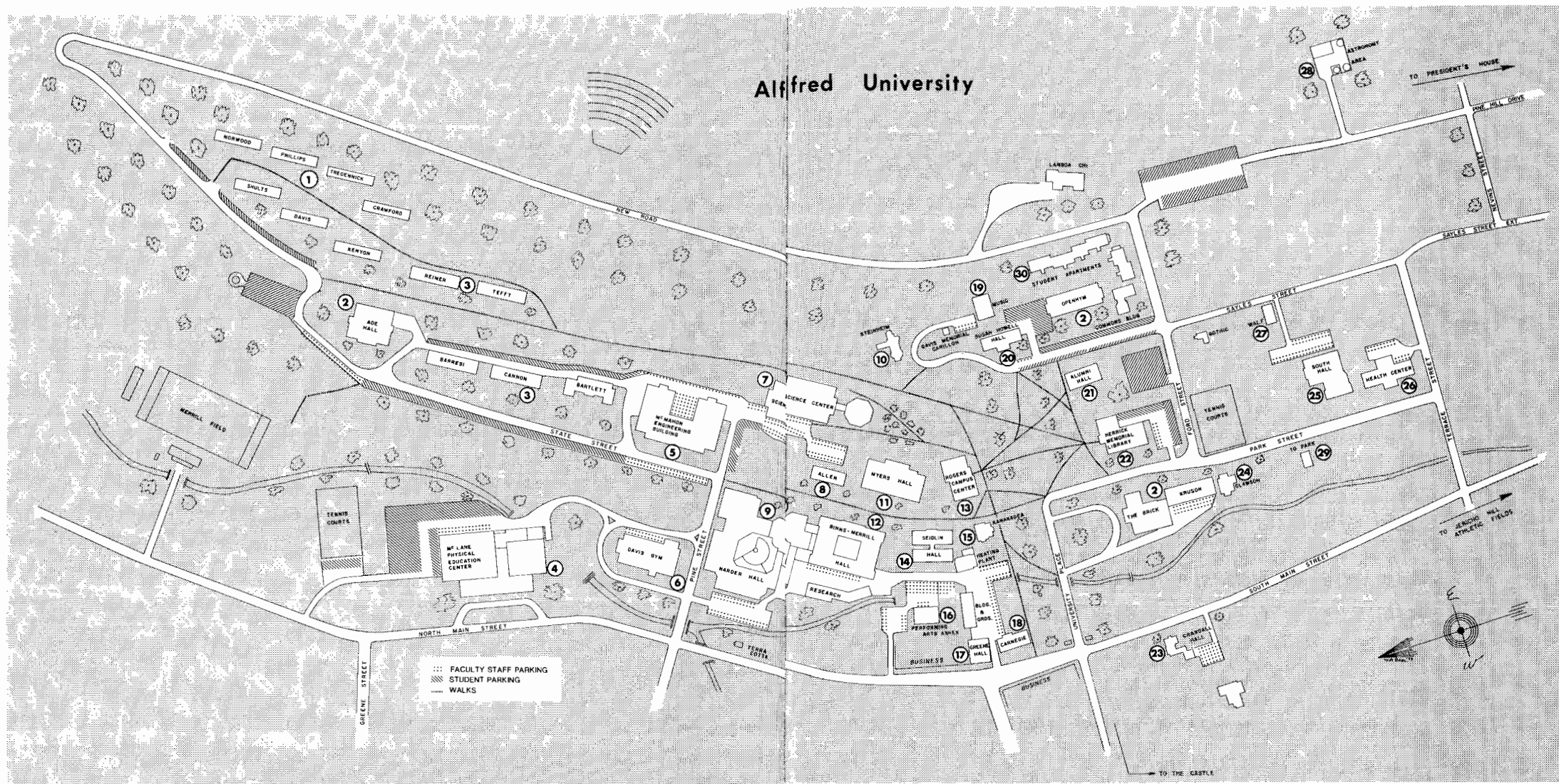
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5. McMAHON: Ceramic Engineering, Glass Science, Computer Center, ROTC
6. DAVIS GYM

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SEPTEMBER 1975	OCTOBER 1975	NOVEMBER 1975	DECEMBER 1975	JANUARY 1976
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CALENDAR

FIRST SEMESTER 1975

Sept. 4	Thurs.	Residence halls open for new students only 9:00 a.m.
Sept. 4-5	Thurs.-Fri.	Orientation for Freshmen and Transfer Students
Sept. 4	Thurs.	Registration of part-time Graduate students 5:00-8:00 p.m.
Sept. 5	Fri.	Residence halls open for returning students, 9:00 a.m.
Sept. 6	Sat.	Registration and Change Day
Sept. 8	Mon.	Instruction begins at 8:00 a.m.
Sept. 8-12	Mon.-Fri.	Registration change and Pass/fail option selec- tion period
Sept. 26	Fri.	Last day to withdraw from First Half course
Oct. 3	Fri.	Last day for Ceramics students to withdraw from non-ceramics course without Repeat Course Fee
Oct. 10-11	Fri.-Sat.	Homecoming
Oct. 23	Thurs.	Last day of first half of semester
Oct. 24	Fri.	Mid-semester grades due in Records Office 12:00 noon
Oct. 24	Fri.	Half semester break (No Classes)
Oct. 28	Tues.	Last day to withdraw from full semester courses
Oct. 29	Wed.	Last day to change registration or select Pass/fail option for second half of semester
Nov. 7-8	Fri.-Sat.	Fall Parents' Weekend (all parents)
Nov. 25	Tues.	Thanksgiving Recess begins at 4:00 p.m.
Dec. 1	Mon.	Instruction resumes at 8:00 a.m.
Nov. 19-Dec. 3	Wed.-Wed.	Pre-Registration for Second Semester
Dec. 12	Fri.	Classes end at 5:00 p.m.
Dec. 15	Mon.	Final Examinations begin (grades due within 48 hrs.)
Dec. 19	Fri.	Final Examinations and first semester ends
Dec. 19	Fri.	Christmas Recess begins at 5:00 p.m.

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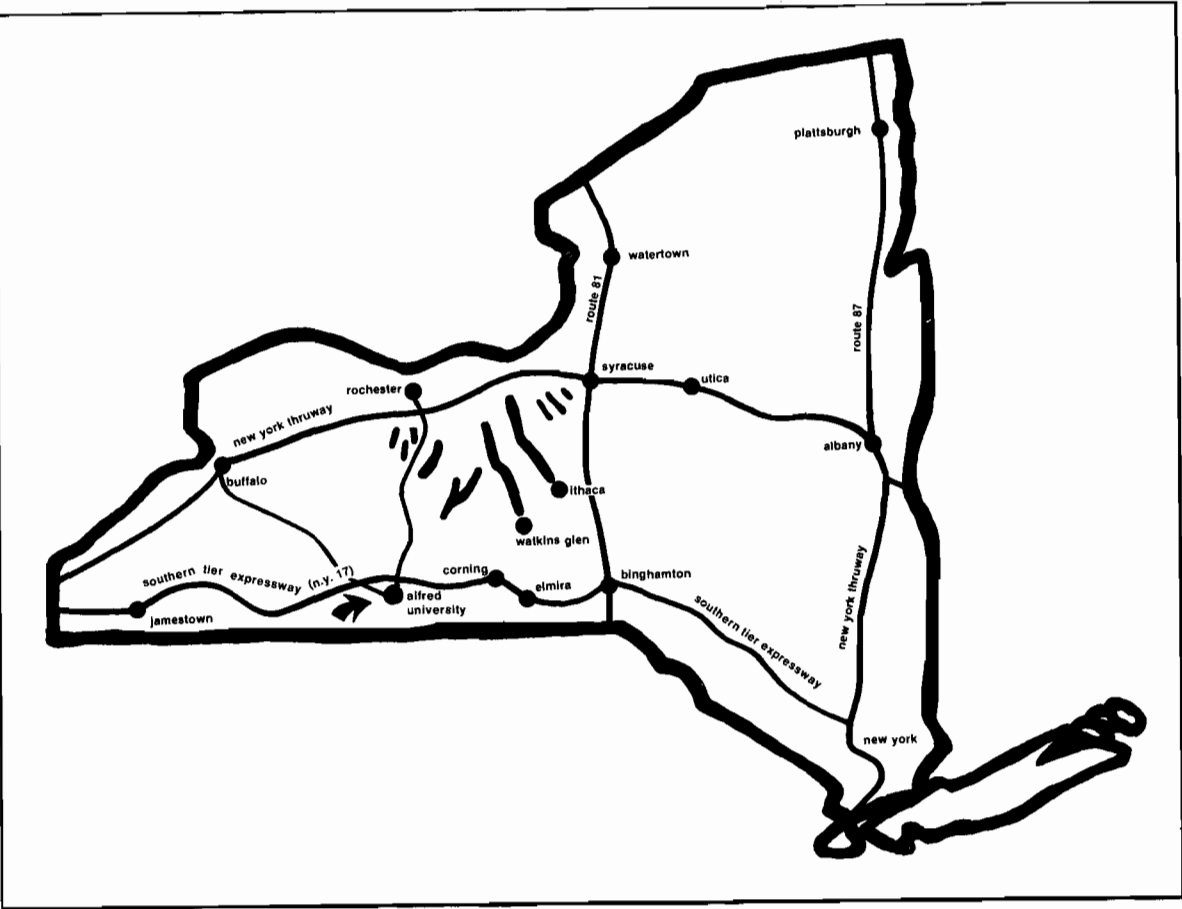
Jan. 4	Sun.	Residence Halls open, 9:00 a.m.
Jan. 5	Mon.	Christmas Recess ends & Allenterm begins
Jan. 30	Fri.	Allenterm Ends
Feb. 13	Fri.	Allenterm grades due

SECOND SEMESTER 1976

Jan. 29	Thurs.	Registration of part-time graduate students, 5:00-8:00 p.m.
Feb. 1	Sun.	Residence Halls open, 9:00 a.m.
Feb. 2	Mon.	Registration and Change Day
Feb. 3	Tues.	Instruction begins at 8:00 a.m.
Feb. 3-9	Tues.-Mon.	Registration change and pass/fail option selec- tion period
Feb. 20	Fri.	Last day to withdraw from first half course
Feb. 27	Fri.	Last day for Ceramics students to withdraw from non-ceramics course without a Repeat Course fee
Mar. 19	Fri.	Last day of first half of semester
Mar. 19	Fri.	Spring recess begins at 4:00 p.m.
Mar. 22	Mon.	Mid-semester grades due in Records Office (noon)
Mar. 29	Mon.	Instruction resumes at 8:00 a.m. (second half)
Mar. 30	Tues.	Last day to withdraw from full semester courses
Mar. 31	Wed.	Last day to change Registration or select Pass/ fail option for second half of semester
Apr. 16	Fri.	Good Friday (no classes)
Apr. 30	Fri.	Honors Convocation
May 3-7	Mon.-Fri.	Pre-Registration for Fall Semester
May 14	Fri.	Classes end
May 17	Mon.	Final Examinations begin (grades are due within 48 hrs.)
May 21	Fri.	Final Examinations and second semester end
May 30	Sun.	Commencement

SUMMER SCHOOL 1976

May 31-June 18	Mon.-Fri.	Interession
June 21-July 30	Mon.-Fri.	Regular Session



Distances from Alfred to:

New York	320
Rochester	70
Buffalo	90
Syracuse	130
Albany	270
Cleveland	250
Boston	450
Washington	350
Philadelphia	310

VISITORS

Visitors are welcome at any time. University offices are open regularly Monday through Friday from 9:00 a.m. to 11:30 a.m. and from 1:00 p.m. to 4:00 p.m. and Saturdays from 9 a.m. to 12 noon. Guides are usually available. Visitors to the Office of Admissions, in Crandall Hall, are requested to write in advance for appointments.

LOCATION

Alfred is located 70 miles south of Rochester — near exit 33 on the Southern Tier Expressway (N.Y. Rt. 17) and a few miles west of U.S. Rt. 15. Alfred is located close to the major western New York State ski resorts, the water sports and fishing of the Finger Lakes; and in a most popular hunting area. It is ideally located for the student seeking a four-year education in a rural setting.

TRANSPORTATION

Bus lines serve communities close to Alfred. Hornell, a city 12 miles from campus, is served by the Greyhound bus line. The Short Line bus to New York City stops at Andover, a village only 6 miles from campus. Trailways, Bluebird and Grand Island Transit Lines all serve the city of Wellsville, 15 miles away. Major airlines serve Rochester. The University provides transportation to the bus stop at Andover and to the Rochester airport at the beginning and end of major holidays during the academic year.

CORRESPONDENCE

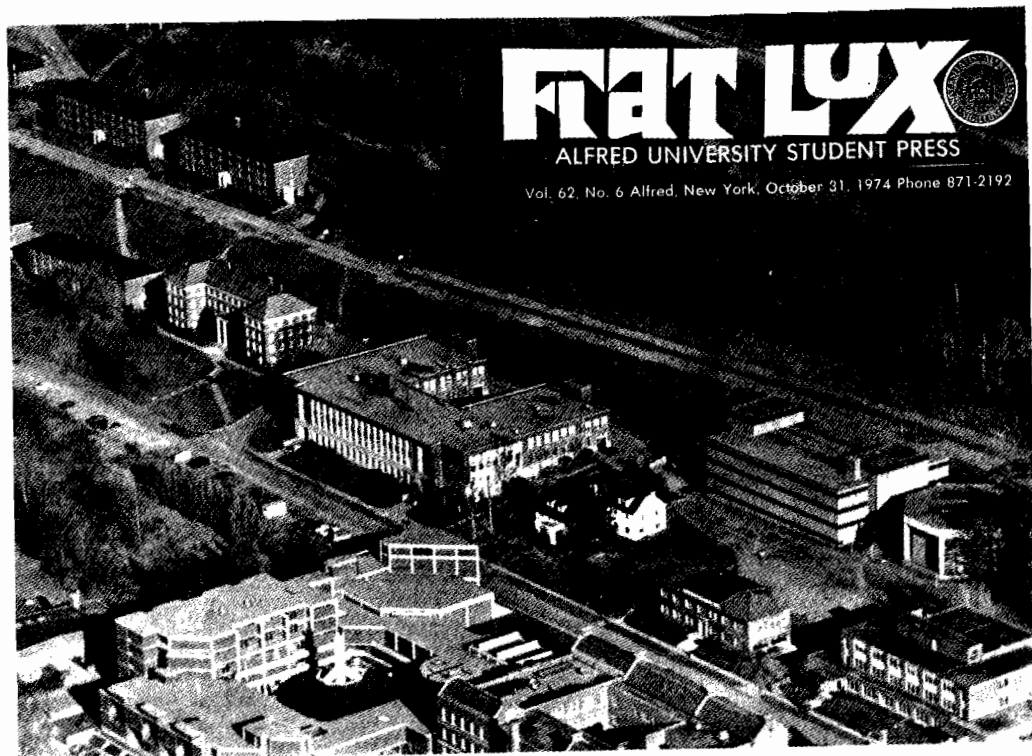
The post office address is Alfred University, Alfred, New York, 14802
Inquiries should be addressed as follows:

Phone Area Code 607

General Interests: Information Desk 871-2111
Specific information concerning an academic branch:
the Dean

College of Ceramics	871-2411
College of Liberal Arts	871-2171
College of Nursing and Health Care	871-2181
School of Business and Administration	871-2226

For catalogs, admission information: Admissions	871-2115
Financial aid, scholarships: the Director of Financial Aid	871-2159
Rooms or the social life of students: Dean for Student Affairs	871-2133
Business matters: the Treasurer	871-2127
Alumni Affairs: the Director of Alumni Programs	871-2144
Summer School: the Director of Summer School	871-2141
Transcripts and Records: Registrar	871-2122



THE UNIVERSITY

A.U. Audit Shows Profit

Alfred University today reported operating revenues of \$9.4-million in the institution's private sector for the fiscal year ended last June 30. In an audit report released today, the University said 1973-74 revenues had exceeded expenditures by \$173,000. "The surplus represents funds committed in last year's budget for expenditures this year including new academic equipment and repairs to physical facilities," said Robert E. Heywood, vice president for business and finance. Heywood reported the University is currently operating on a private-sector budget of \$9.3-million for the 1974-75

fiscal year, ending next June 30.

The figure is exclusive of the \$2.3-million budgeted by New York State for the publicly funded College of Ceramics, one of Alfred University's four undergraduate schools and colleges.

As in past years, approximately 78 per cent of the University's 1973-74 operating revenues were derived from student tuition, room and board, Heywood said. The remainder accrued from restricted and unrestricted gifts and grants, endowment income, payments to Alfred University by New York State for private-sector courses taken by Ceramics College students, and from miscellaneous sources.

Heywood reported that major categories of expenditures for 1973-74 included instructional (33 per cent), residence and dining halls (18 per cent), student services (6 per cent), educational plant operation (10 per cent), University administration (8 per cent), student aid (7 per cent) and debt service for education buildings (4 per cent).

Redmond Resigns from Admissions

D. Lynn Redmond of Hornell announced Oct. 15 his resignation as director of freshman admissions at Alfred University effective Nov. 8. Redmond has accepted the post of director of admission at Wayland Academy, Beaver Dam, Wis., a coeducational

Ceramic Conference To Be Held At Alfred

A national conference on emerging priorities and goals in ceramic engineering and science will be held at the New York State College of Ceramics at Alfred University Nov. 4-6.

Some 25 executives and engineering specialists from industry, government agencies and labor organizations will discuss developments in the field of ceramics that have implications for environmental protection, energy utilization, engineering education and the health and safety of industrial workers.

Several hundred nationwide leaders in engineering, management, marketing, science and higher education are expected to attend the three-day session. The conference's keynote address will be given by Dr. Franklin P. Huddle, senior specialist for science and technology of the Library of Congress.

Speakers will also include Dr. Thomas C. MacAvoy, president of the Corning Glass Works and Dr. James Kane.

Discipline Gets Results

Alfred University's vice president for student affairs, Dr. S. Gene Odle, today released figures showing that some form of campus disciplinary or corrective action was taken against 105 students charged with a variety of campus and civil offenses between September 1971 and mid-July 1974.

According to a statistical survey compiled by Odle, 59 of the cases involved disruptive behavior and 23 had to do with academic dishonesty. There were 14 cases of damaged property and six cases of theft, Odle reported.

Three other cases were drug-related or psychiatric in nature. Female students, who make up about a third of the University's student body, accounted for only 15 per cent of the 105-case disciplinary total, said Odle.

Odle said the range of corrective or disciplinary action administered in the three-year period included referrals to the University's counseling center, warning letters, reductions in course grade, fines or restitution for property damage, and suspensions from school.

and staff."

"In every instance a person signing a complaint or a person accused of some transgression has a full range of procedural rights and responsibilities."

William A. Allen, director of campus safety at Alfred, noted that students making complaints can either go directly to the police, use the investigative services his office provides or seek redress through the University's own judicial machinery, of which Odle is a part.

Allen operates a campus patrol system consisting of 28 part-time student security aides. Neither Allen nor the aides carry weapons.

Allen said that he and his aides cooperate closely with L. Don Jamison, chief of the Alfred village police force, in the investigation of complaints arising out of incidents on the University campus.

Allen said that in the three-year period between 1971 and the summer of 1974 some 600 campus cases involving violations of law came to the attention of the University safety office. Those cases were separate

Essentially, a university is not buildings, but the people who teach and learn in the buildings. Alfred's chief concern is with these people.

The Alfred faculty includes humanists, scientists, philosophers, researchers, artists, engineers, economists, poets, nurses, editors, and even businessmen-in-residence.

As for Alfred students, they come from every segment of life. Coeducational and open to people of all races since its founding, Alfred is also non-sectarian. A large number of religious and political persuasions meet and interact on the campus.

Basically, Alfred is student-centered. The University, to be sure, maintains an extensive research operation, especially in the world-famous New York State College of Ceramics. But the emphasis at Alfred is not on individual or team research, but on education of the student. The question is constantly asked: How can research be used to improve instruction? Thus there is at Alfred an increasing tendency toward involving even undergraduate students in common research projects with faculty.

The University endeavors to bring to the campus a constant flow of individuals and programs representing the world's major intellectual, cultural, social and political forces. Among recent lecturers have been: President Gerald Ford, Stewart Udall, Julian Bond; authors Joseph Heller, Frances Fitzgerald, and Alex Haley. Events presented last year included concerts by the Rochester Philharmonic Orchestra, Dorian Quintet, and the New England Conservatory Ragtime Ensemble; dance by the Solomons Dance Company; dramatic presentations by the Swiss Mime-Mask Theater, *Mummenschanz*, and City Center Acting Company; and readings by poets Nikki Giovanni and Galway Kinnel. The University also sponsors a summer Rochester Urban Intern program and a Junior Semester Abroad which offers opportunities for study at selected universities or

with the World Campus Afloat Program. Such programs enable the student to come into contact with the maximum number of experiences, locales, and human personalities. In its academic programs and guest lecturers, the University is striving to provide the excitement, experimentation, and scholarly ferment that will challenge the minds and aspirations of a new generation of undergraduate and graduate students.

THE ACADEMIC UNITS

The University is comprised of six academic units: the College of Liberal Arts, the New York State College of Ceramics, the College of Nursing and Health Care, the School of Business and Administration, the Graduate School, and the Summer School.

PRIVATE AND PUBLIC COOPERATION FOR UNIVERSAL ENRICHMENT

Alfred University is an almost unique blend of public and private funding. The New York State College of Ceramics, which produces a large number of professionals for the ceramics industry, is a statutory unit of the State University of New York. As such, it is funded through tax monies. The remainder of Alfred University is privately endowed. The University is therefore a model of the way that private and public enterprise can join hands for the betterment of American education.

ENROLLMENT

At present Alfred has 2,100 students enrolled in the University's four undergraduate units. Another 230 students are in Graduate School working toward their master's or Ph.D. degrees. The University intends to stabilize enrollment at the present level in order to maintain the "sense of community" for which Alfred is justifiably famous. Alfred's size, structure, and philosophy will always keep it a place "where student and professor meet."

FACILITIES

The central campus covers 232 acres bounded on one side by Alfred's Main Street. There are 52 buildings in this area, of which 27 have been erected since 1955 and five have been extensively renovated. In addition the University has acquired 265 acres for future development.

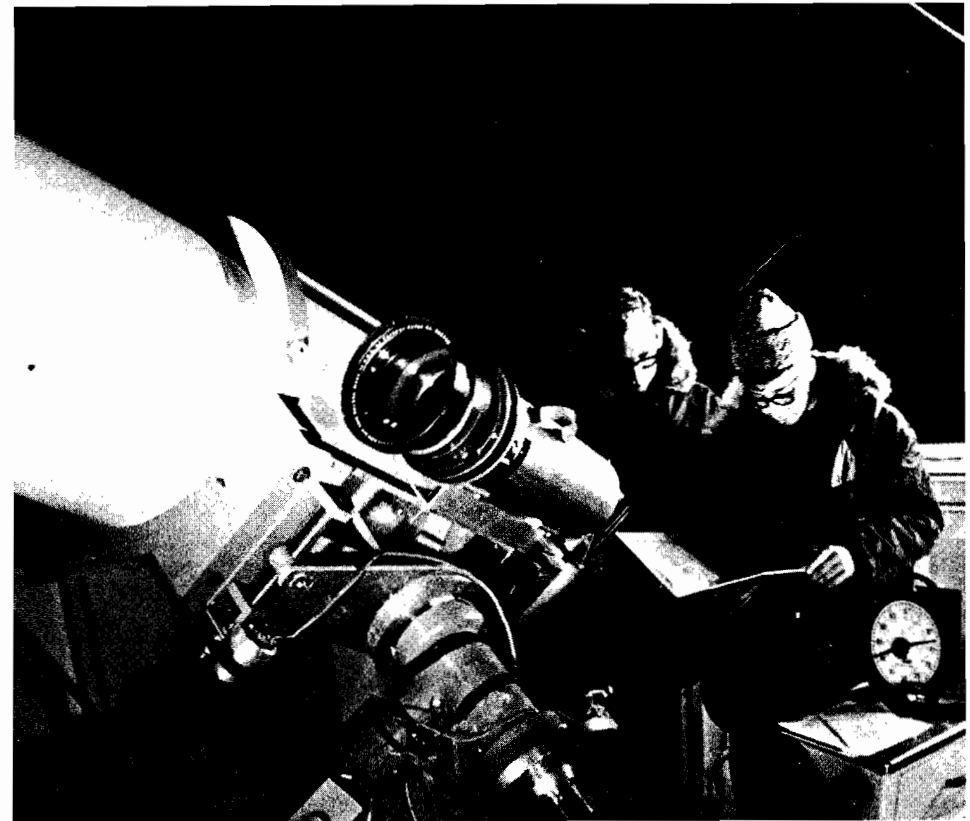
ACCREDITATION

Alfred University is accredited by the Middle States Association of Colleges and Secondary Schools. Its degree programs are registered by the New York State Department of Education. It holds institutional membership in the American Council on Education, the Association of American Colleges, the College Entrance Examination Board, the American Association of Colleges for Teacher

Education, the Council of Graduate Schools in the United States, and the American Association of University Women. The ceramic engineering program is accredited by the Engineers' Council for Professional Development and the ceramic art program by the National Association of Schools of Art. The School of Nursing is accredited by The National League for Nursing. The Chemistry Department is accredited by The American Chemical Society.

RESEARCH

The Alfred University Research Foundation is constituted to encourage and coordinate research in all Divisions of the University. In addition to providing for programs in sponsored research, the funds of the Foundation are available for faculty research grants particularly during the summer months. Areas in which projects recently have been supported by Research Foundation grants include: art and design, biology, business administration, chemistry, computer science, engineering, English, history, geology, physics, philosophy, political science, and sociology.



RECENT CONSTRUCTION

The University recently completed a construction program which included six student-apartment buildings to house 164 students, a commons building, a 156-bed residence hall, the University Health Center, a Science Center, and the James A. McLane Center for physical education and recreation. The Science Center houses Biology, Physics, and Psychology and includes a two-story octagonal lecture hall used not only by these disciplines but for other University functions. The McLane Center accommodates 2,100 spectators for basketball games, 300 spectators for swimming meets, and provides a full range of facilities for physical education programs and teams competing in intercollegiate sports. The facility also provides space for convocations or major lectures and is equipped with an orchestra shell and moveable stage for fine arts events.

Harder Hall, a library-fine arts building for the College of Ceramics, was completed in 1973. The structure houses offices, studios, kilns, and an exhibition gallery for the Art Division. It contains the Scholes Library of Ceramics, a special reference library featuring extensive holdings in art and technical works. An added feature of the structure is a 445-seat auditorium for musical and dramatic events.

COLLEGE CENTER OF THE FINGER LAKES

Alfred University, Cazenovia College, Elmira College, and Hartwick College jointly form the College Center of the Finger Lakes (CCFL). In 1972-73, the four CCFL members introduced an important new network for voluntary cooperation that enables students, faculty, and administrators on one campus to have access to the academic and cultural resources of the others. The CCFL members collaborate in searching out and putting into practice new options and experimental approaches for learning and teaching by conducting Faculty Development workshops and seminars.

Procedures that will enable Alfred students to have free access to any other CCFL institution are being put into operation. Colloquia are being held continuously among faculty in each discipline to identify ways of widening the choices of study, on and off campus, that Alfred students have within CCFL. The goal is to be able to pursue studies anywhere in the CCFL, and to have access to joint projects that otherwise might not be possible on one campus. Among available opportunities are: overseas studies; an experimental project in "student teaching centers;" and combined student-faculty foreign area seminars. Undergraduate performing artists and faculty may study at the CCFL-sponsored studio in Paris.

Alfred students, because they are enrolled in a CCFL institution, have access to the new pilot project in field studies conducted in the winter months on San Salvador Island in the Bahamas. Alfred students were members of the first teams to undertake research of the archeology, culture, and botanical and marine life of the island. The opportunities for *environmental studies* at Alfred are substantially

increased by multi-disciplinary field work and research offered by CCFL. Opportunities for urban and rural studies—in New York City, upstate New York and abroad—are being developed, each coordinated into comparative environmental studies themes embracing experiences in the natural sciences, social sciences, and the humanities.

HISTORY

There are two traditions concerning the origin of the village of Alfred, where Alfred University is located and after which it is named. According to the first, the town was named for King Alfred the Great (849-899) by the English nobleman who purchased the area from the Phelps and Gorham Land Company. According to the second version, a group of English travelers saw a resemblance between the local scenery and that of King Alfred's capital, Winchester, and so christened the spot, Alfred.

The village, located in the foothills of the Allegheny Mountains, was settled by Seventh Day Baptists from Rhode Island and Eastern New York State. Willful, sturdy, and devout, they were imbued with a reverence for education. Alfred University was founded as a Select School in 1836, and chartered as a University in 1857. It admitted women on an equal basis with men, giving birth, without fanfare, to coeducation in New York State.

To reaffirm its relation to King Alfred—a lover of learning, the crafts, and music—the University at its June, 1968 Commencement awarded the honorary degree of doctor of laws to Councillor Stewart Green, the Right Worshipful Mayor of Winchester, England. Since that time Alfred students have joined others from many nations participating in archeological excavations each summer at Winchester.

The University Mace was designed to reflect this relationship to the ancient Saxon King. Alfred's mace was created by New York State College of Ceramics craftsmen: Wallace Higgins, Andre Billeci, Edward Ormsby, Allen Ormsby, Carl Moses, and Norma Higgins. The shaft of the mace is made from birdseye maple. Into the bottom end of the mace has been imbedded a porcelain seal of the University. The head of the mace is a remarkably faithful reproduction of the "Alfred Jewel", discovered in 1693 and now on view in the Ashmolean Museum at Oxford, England. The original Jewel is an oval crystal set in gold with a figure in colored enamel showing through. Around the crystal, carved in gold, are the words: "Aelfred Mec Heht Gewyrcan" ("Alfred caused me to be made").

The Alfred University Mace was first used at Commencement, June 7, 1970. The tradition was then established that the professor most senior in service should carry this symbol of the institution.

ALFRED UNIVERSITY
THIS WEEK AT ALFRED

MONDAY, OCTOBER 14

- 4:30 pm. The Faculty and Institutional Development Group will meet in the McNamara Room of the Campus Center. All interested A. U. faculty and administrators are invited to attend.
- 7:00 pm. Ecology Group Meeting, Room A, Campus Center.
- 7:30 pm. Human Sexuality Forum, "Pregnancy, Birth & Delivery" with guest speaker Mrs. Loretta Smith, Instructor of Nursing at Alfred State College. The film, "Story of Eric" will be shown. Central Dining Hall, Alfred State College.
- 8:30 pm. Watch Monday nite football at ZBT. For a ride call 2030.
- 9:00 pm. Movie, Slaughterhouse 5, Tech SAC Building.

TUESDAY, OCTOBER 15

- 11:00 am. FORUM. Dr. Gary Ostrower presents "A New Controversy About Slavery." Parents Lounge, Campus Center.
- 1 - 3 pm. Mr. Albert Wilt of Peat, Marwick, Mitchell & Co. will be on campus to talk with students about job interviewing techniques. Mr. Wilt's comments will be directed primarily toward accounting majors, however all interested students are invited to attend. Room A, Campus Center.
- 7:30 pm. Movie, L'Vittelsoni, Science Center Auditorium.

WEDNESDAY, OCTOBER 16

- 7:00 pm. SKI SWAP, Campus Center, Parents Lounge. A great place to buy, sell or swap ski equipment. Sponsored by the A. U. Outdoor Program.
- 8:00 pm. Chess Club, Campus Center.

THURSDAY, OCTOBER 17

- 8:00 pm. SAB film, The Maltese Falcon, Science Center Aud.
- 9:00 pm. Student Assembly meeting, Parents Lounge

FRIDAY, OCTOBER 18

- HOME COMING WEEKEND!!
- 2:00 pm. Soccer, St. Lawrence at Alfred
- 7:30 pm. Movie, Busting, with Elliot Gould. Nevin's Theatre.
- 8:00 pm. Homecoming Concert. Ramsey Lewis Trio and Labelle. Tickets \$2.00 in advance, \$3.00 at the door. On sale at the Campus Center Desk.
- 7:00 pm. Hillel services will be held at Gothic Chapel.
- 9:30 pm. Busting, second show, Nevin's Theatre.

SATURDAY, OCTOBER 19

- 1:30 pm. Football, Hobart at Alfred.
- 7, 9&12 SAB Film, Cocaine Fiends, Science Center, admission \$1.00.
- 8:15 pm. Concert, New England Conservatory Ragtime Ensemble, McLane C.
- 10 pm. - SAB sponsors "jumping" Jack Flash, Quadrophonic Sound &
- 4 am. Light Show. Davis Gym, admission 50¢

ADMISSIONS

POLICY

Your own high school record, extracurricular activities, personal reputation, and future goals are the factors considered most important by the Admissions Committee which considers your application to Alfred University. Members of all races and religions are welcome and the University seeks to admit a class of diverse social, economic and geographic backgrounds.

ACADEMIC PREPARATION

You will be considered for admission if you are a secondary school graduate or if you can submit evidence of completion of an equivalent degree of education.

Your secondary school program should include 16 academic units. Depending upon the College or School you wish to enter at Alfred, the distribution of those 16 units may vary as follows:

College of Liberal Arts

- (1) 4 units of English
- (2) 2-3 units of academic mathematics
- (3) 1 unit of laboratory science
- (4) 2 units of social studies and history

The remainder of the 16 academic units should be earned within the same fields listed above or in modern or classical foreign language.

College of Nursing and Health Care

- (1) 4 units of English
- (2) 2-3 units of academic mathematics
- (3) 2 units of laboratory science to include biology and chemistry
- (4) 2 units of social studies and history

The remainder of the 16 academic units should be earned within the same fields listed above or in physics, home economics, electronics, or modern or classical foreign language.

School of Business and Administration

- (1) 4 units of English
- (2) 3 units of mathematics
- (3) 1 unit of a laboratory science
- (4) 2 units of social studies and history

College of Ceramics Engineering and Science Division

- (1) 4 units of English
- (2) 3 units of academic mathematics (4 units preferred)
- (3) 2 units of laboratory science to include chemistry and physics
- (4) 2 units of social studies and history

The remainder of the 16 academic units should be earned within the same fields listed above or in modern or classical foreign language.

Art and Design Division

- (1) 4 units of English
- (2) 2-3 units of academic mathematics
- (3) 1 unit of laboratory science
- (4) 2 units of social studies and history

The remainder of the 16 academic units should be earned within the same fields listed above or in art, design, ceramics, or modern or classical foreign language.

A portfolio is required of all applicants to the BFA Degree program. It should include a range of work in a variety of media. The School does not wish to specify its contents beyond advising that the overall presentation should reveal your personal insights and sense of quality, as well as breadth of experience in art work. The following suggestions may prove useful.

- (1) A group of drawings in any media—suggest drawings from life or still life or landscape.
- (2) Some evidence of color work, such as design projects, collage, prints, etc.
- (3) If applicable: send photographs or color prints or color slides of paintings, sculpture, pottery and other three-dimensional work. *Do not send the actual object. Do not send other than flat work.*
- (4) Portfolios should *not* be larger than 24 x 36 x 6 inches.
- (5) You should send some evidence of any special skill or talent, related to art studies, which may indicate creative or imaginative ideas and which may or may not be part of a school art program.

No portfolio will be accepted or returned unless it is accompanied by a handling and shipping fee of \$5.00. A check or money order should be made out to: College of Ceramics. The check, in an envelope with your name on it, should be taped to the outside of the portfolio. Be certain that the full name and return

address are legible, and that the type of admission is indicated as *Freshman* or *Transfer* or *Special*.

Portfolios should be well packed and shipped to:

Division of Art and Design
New York State College of Ceramics
Alfred University
Alfred, New York 14802

Freshman applicant portfolios must be **submitted between January 15 and February 15**. They will be reviewed between February 15 and March 1 and will be returned promptly thereafter. **Transfer and Special** applicants must **submit portfolios between March 1 and March 15**. **These portfolios should consist only of slides accompanied by a processing fee of \$2.** They will be reviewed between March 15 and April 1 and will be returned promptly thereafter. The completed **application must be on file** in the Admissions Office by the deadline date for portfolio submission, **February 15 for freshmen and March 15 for transfers and specials.**



PROCEDURE FOR APPLYING

You should take the following steps in applying for admission to Alfred University.

(1) Fill out the application form and mail it to Office of Admissions, Alfred University, Alfred, N.Y. 14802, by the following dates:

February 15—for September enrollment in Art & Design
(This is the only starting date for Art & Design)

March 1—for regular September enrollment

December 1—for enrollment in February (second semester)

(2) Include a \$20 check or money order with your application.

(3) Have your guidance office send your academic record to the Admissions Office.

(4) Send a letter of recommendation.

Your application will be reviewed by the Admissions Committee only after these four steps have been completed.

(5) Although it is not a required part of the admission process, you are encouraged to visit the campus and learn what the people and facilities are like. You should make an advance appointment so that arrangements can be made for you to meet a faculty member in the field of study that especially interests you, and for you to take a student-conducted tour, in addition to having an admissions interview. You should bring an unofficial secondary school transcript unless your application and transcript already are on file.

(6) You **must** submit results of the College Entrance Examination Board Scholastic Aptitude Test (S.A.T.) or the American College Test (A.C.T.).

NOTIFICATION

(1) You will be notified of the Admissions Committee's action in January, February or March as the University follows a policy of rolling admissions for all regular decision applicants. If you are applying to the Division of Art and Design, you will be notified by March 15. Your initial acceptance is provisional and becomes final only after the University is notified that you have successfully completed your secondary school preparation.

(2) You must submit a deposit of \$300 by May 1 if accepted for September admission and by January 5 if accepted for February admission. If you are accepted after those dates, you must submit the deposit within two weeks of notification. If you are accepted in the Art and Design Division for September enrollment, you are encouraged to pay the \$300 deposit by April 1 in fairness to those on the waiting list.

Your \$300 Acceptance Payment will not be refunded if you do not attend the University. If you do attend, \$50 of the payment is held as a deposit as long as you are enrolled as a student. This \$50 is returned to you, less any unpaid charges, after your graduation or withdrawal, if done according to the official prescribed procedure. The remaining \$250 is credited against the University tuition for the first semester.

EARLY DECISION

If you wish to complete your college plans early in your senior year you may seek admission under the Early Decision Plan by

(1) filing the completed application form by November 1

(2) having your guidance counsellor submit your academic record completed through the junior year along with a letter of recommendation.

You will be notified of the decision on your application during December. Acceptance is contingent upon successful completion of the senior year. If accepted under this plan, you must submit the required \$300 deposit within 10 days of notification. If you **also** apply for financial assistance, you will be required to submit the deposit within ten days after notification of the financial aid decision.

If not accepted under this plan, you may have your application reviewed for regular admission in all programs except Art and Design.

EARLY ADMISSION PLAN

If you wish to enter the University after completing your junior year in secondary school, you may qualify by showing that you will complete the necessary 16 academic units during your junior year and have established a sound academic record. To apply under this plan you should follow the same procedures as a regular applicant and in addition must submit written approval by a school official stating that the secondary school will award your diploma after you have successfully completed one semester or one year at Alfred University.

DEFERRED ADMISSION

You may plan to attend college but feel reluctant to begin right away. Alfred University recognizes that some students may benefit by postponing entrance for up to two years. If you want to enter under the deferred admission plan, you should follow the application procedures for regular admission, including payment of the acceptance deposit. In addition you must notify the Admissions Office before September 1 of your intention to delay entering college.

ADMISSION OF TRANSFER STUDENTS

Policy

If you are attending or have attended another two or four-year college and wish to enter Alfred, you are encouraged to file an application. You must have a grade point average of 2.00 or higher on a 4.0 basis, and be in good social standing. Your application will be considered primarily on the basis of your academic record at institutions of higher education.

If you have earned an Associate Degree before entering Alfred, you will enter as a junior and will receive academic credit for the equivalent of 60 semester hours or 90 quarter hours. Additional credit may be granted only with the approval of the appropriate academic dean. If you have not earned an Associate



Degree, you will receive credit for equivalent courses in which you earned a grade of "C" or higher.

As a transfer student, you are eligible for financial aid and housing under the same regulations which apply to freshmen.

Transfer Application Procedure

1. Send completed application to the Admissions Office by August 1 for September admission or by December 1 for February admission. There is no February admission to the Art & Design division.

2. Submit complete transcripts from each institution attended including high school. A xeroxed copy of the high school transcript on file at the school from which you are transferring will be acceptable.

3. Your final acceptance is contingent upon receipt of the medical form which is forwarded with your provisional acceptance letter, payment of the required deposit, and successful completion of your present academic program.

ADMISSION OF FOREIGN STUDENTS

If you are a citizen of a foreign country and are academically qualified you will be welcomed as a student at Alfred University, but you must:

1. Obtain and file application materials well in advance to allow for evaluation of credentials some time before the opening of the school year.
2. Submit results of the Test of English as a Foreign Language. The University does not offer intensive tutorial English language instruction.
3. Submit an official bank statement showing financial stability. The only financial aid offered by Alfred University to foreign students is in the form of five scholarships of \$1,000 each. Students applying to the New York State College of Ceramics are not eligible for these awards.

ADMISSION OF SPECIAL STUDENTS

If you wish to enter Alfred as a non-matriculated, full or part-time student, you must file a completed application form at the Admissions Office together with a \$20 application fee. You must also submit transcripts of academic work at other institutions and a letter of recommendation from a school official. If you have been employed, you should submit a letter of recommendation from your employer. You should submit these credentials at least one month prior to expected date of matriculation in order to allow for necessary processing and evaluation. There is no February admission to the Art and Design Division.

If you enroll as a special student, the University does not regard you as a degree candidate but rather as a student seeking educational enrichment.

READMISSION OF STUDENTS

If your study at Alfred has been interrupted and you wish to return, you must complete the following steps at least one month before you wish to be readmitted:

- (1) file an application for readmission obtained from the Admissions Office.
- (2) pay any debt owed the University
- (3) send all official transcripts of college work taken at other institutions since attending the University and file a letter of recommendation from the college official
- (4) if employed since leaving the University, send a letter of recommendation from employer
- (5) submit a brief statement of purpose for returning to the University.

ADVANCED PLACEMENT AND CREDIT BY EXAMINATION

(See page 49)

FINANCIAL AID

Alfred University believes that the education of a young person is, whenever possible, a personal and family obligation. However, the University recognizes there are limitations to family assets and therefore has a program of financial aid in order to keep educational opportunity within reach for promising young people. The financial aid program includes institutional and federal funds. The administration of these funds is the responsibility of the Director of Financial Aid.

You must file two reports to be considered for financial aid:

(1) The Parents' Confidential Statement should be submitted to the College Scholarship Service at Princeton, N.J., by February 1.

(2) An Alfred University Application for financial aid should be filed with the Financial Aid Office at the University by March 1. You will receive this application from the University after you have been accepted for admission and the Financial Aid Office has received a copy of your Parents' Confidential Statement.

The Financial Aid funds administered by the University may be in the form of one or a combination of the following:

University Programs

Presidential Scholarships

This year the University has established a new Presidential Scholars program to recognize academic achievement.

If you are an entering freshman and wish to be considered for a Presidential Scholarship you must apply by March 1 and meet the following criteria:

- A. academic average of 90 or above
- B. top 10 percent of secondary school class
- C. outstanding recommendations
- D. extra curricular activities
- E. good citizenship

To be eligible for renewal of the scholarship, you must maintain a B (3.0 index) average after the freshman year and each succeeding semester and continue to meet the criterion of good citizenship.

If you are entering Alfred as a transfer student and wish to be considered for a Presidential Scholarship, you must apply by March 1 and meet the following criteria:

- A. have a cumulative average of 3.0 or above
- B. outstanding recommendations
- C. good citizenship at college you attended or are attending
- D. have pursued a solid academic program.

To qualify for renewal of this scholarship, you must meet the same standards as Freshman recipients.

Other Scholarships—awarded strictly on the basis of demonstrated academic ability and applied toward tuition.

Grants-in-Aid—awarded on the basis of financial need and demonstrated academic ability.

Loans—made available, on a limited basis, for enrolled students to meet the cost of attending the University. Repayable following graduation.

Self-Help—available in the form of a limited number of jobs in the library, dining halls, laboratories, and various offices. For young women, one residence hall, The Castle, is operated as a co-op which enables residents to reduce college expenses by sharing the various household tasks.

Federal Programs

Basic Opportunity Grants (BOG) and/or Supplemental Educational Opportunity Grants—available to qualified students based on financial need.

National Direct Student Loan Program—low interest rate loan, available to qualified students based on a financial need.

College Work Study Program—available to qualified students for campus employment.

FEDERAL NURSING LOAN PROGRAM

Eligibility and selection of recipients

- Enrolled and in good standing
- Accepted for enrollment—fulltime or half time
- Must have exceptional financial need

Determining Financial need for Nursing Loans

The University will use the Parents' Confidential Statement and any other documents deemed necessary to evaluate a student's financial need.

Maximum award for Nursing Loan

Up to \$2,500 per year with an aggregate of \$10,000

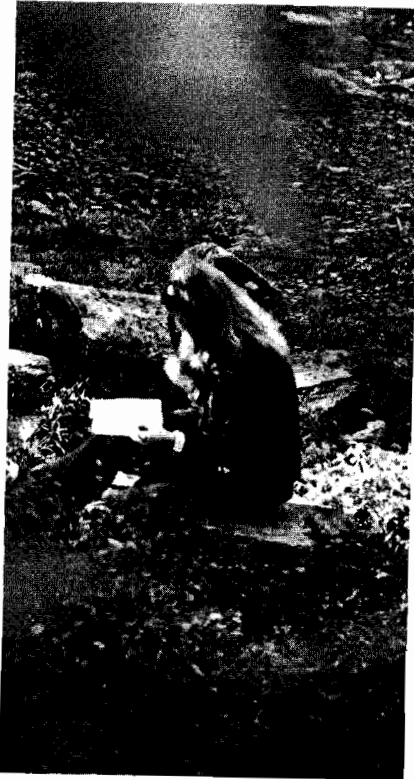
Loan repayment and cancellation provisions

If the borrower is employed full-time as a professional nurse in any public or non-profit private agency, up to 85% of the Federal Nursing Loan plus interest may be cancelled at the rate of 15% per year for the first 3 years and 20% for the next 2 years (maximum amount which may be cancelled is 85%).

FINANCIAL AID REGULATIONS

(Covering University Administered Programs Above)

The Committee on Student Financial Assistance will regularly review all awards of financial aid and take whatever action is appropriate in each individual case considering need, academic performance, conduct, and progress toward a degree.



If you are receiving financial aid, you must reapply annually for continuation of your award by submitting a new Parent's Confidential Statement by April 15 for the following academic year. You may obtain the form from the Financial Aid Office.

AID FROM OTHER SOURCES

In addition to the financial aid supplied or administered by the University, there are other sources of direct financial help available to Alfred University students and those enrolled in other institutions of higher education.

U.S. Army ROTC Scholarships

The U.S. Army scholarship program is offered nationally to 6,500 qualified individuals so they may be given the opportunity to pursue their education at practically any University which offers ROTC. An Army ROTC Scholarship pays for tuition, textbooks, laboratory fees, and other purely educational expenses, as well as providing the recipient with a tax-free subsistence allowance of \$100 per month for up to 10 months of each year the scholarship is in effect. Alfred University receives a proportional share based on its ROTC enrollment. Information may be obtained by writing First US Army, Fort George G. Mead, Maryland 20755, or contacting the Professor of Military Science, Alfred University, Alfred, N.Y. 14802.

NEW YORK STATE AWARDS

If you are a resident of the State of New York you are eligible for Scholar Incentive Awards or the Tuition Assistance Program depending on class level. Your high school guidance counselor should be consulted for the necessary information.

AID TO VETERANS

If you are a veteran, various Public Laws provide for your education. But you will need additional resources beyond subsistence checks to pay for board and room and to meet other expenses.

You will find the procedure to be followed in applying for benefits is simple. You may obtain information at a New York State Veterans Service Agency or any United States Veterans Administration Contact Office. While offices of the University are ready to assist you in every possible way in applying for benefits, it is considered the best procedure for you to send your application directly to the Veterans Administration.

Veterans who are interested in educational opportunities at Alfred University are invited to visit the campus or to write the Assistant Registrar for information and advice.

AID FOR GRADUATE STUDY

Prospective graduate students are urged to correspond with the Dean of the Graduate School concerning fellowships and assistantships available in ceramics as well as support for study in other programs.

Super !!!



The Learning Cooperative
II

STUDENT AFFAIRS

STUDENT GOVERNMENT

You are eligible to participate in student government as soon as you become a full-time student at Alfred University. The Student Assembly meets each week and every student present has a vote on the issues before the group. This participatory democracy system is patterned after the New England Town Meetings and replaced a government by elected representatives during the period of campus activism in the late 1960's.

A major function of the Student Assembly is the distribution of funds to other campus organizations to finance their activities. The Assembly also elects or recommends student representatives to many University and College committees which have responsibilities ranging from curricular affairs to computer operations.

UNIVERSITY COUNCIL

The University Council gives students an opportunity to share with faculty, administrators and supportive staff responsibility for a broad range of campus policies, procedures and regulations. The Council is made up of two students, two faculty members, two administrators and two representatives of the supportive staff. All members are chosen by popular vote of groups they represent. The Council meets on call by the University President or the chairman to consider issues of concern to all groups. The decisions which it makes take the form of recommendations to the President of the University who has final authority to implement.

JUDICIAL SYSTEM

You may never run afoul of University regulations, but if you should there is a campus judicial system which assures due process. Infractions are first brought to the attention of the Vice President for Student Affairs or his designate. If he cannot handle the matter, he may transmit it to the Student Hearing Board where the case will be considered in accordance with guidelines described in the "Statement on Student Rights and Responsibilities." The Hearing Board may assess penalties ranging from warning to dismissal. The decision may be appealed before the Appeals Board. A detailed statement on the judicial system may be obtained from the Student Affairs Office.

In the residence halls a system of "phasing" deals with behavior which is disruptive or nonproductive to the student or those about him. An emphasis is placed on counseling.

The University Ombudsman is also available to consult with you on any matter of concern.

CAMPUS CENTER

In addition to serving as the hub of social and recreational activities on the campus, the Campus Center houses offices and meeting rooms for student organizations and serves as headquarters for the yearbook and student newspaper. The building also includes a game room, music room, TV room, cafeteria and the Saxon Inn, a pub which is a favorite haunt of students.



ACTIVITIES

The great variety of organizations and clubs on campus give you opportunities to take part in activities which particularly interest you, to develop friendships with others who share your enthusiasms, or to branch out into new areas.

Student Volunteers For Community Action

As a member of this community service organization, you will:

1. Help establish and maintain a closer relationship between the University and the surrounding community so that they may complement each other rather than merely co-exist.
2. Enjoy an opportunity for personal growth and fulfillment through helping others. You may participate in one or several programs sponsored on a continuing basis.

Adopt-a-Grandparent Program: Volunteers provide individual companionship and service to Alfred's senior citizens and enjoy in return hospitality in a warm and homey atmosphere. Frequent get-togethers of volunteers and "grandparents" characterize the program.

Friend Program: "Friends" gives volunteers an opportunity to work with children of a variety of ages on an individual or group basis. Available programs include a big brother/big sister program, working with Operation Head Start, and helping to coordinate activities for the local youth.

Special Projects: Volunteers coordinate or carry out miscellaneous service projects which are brought to the attention of the S.V.C.A. (i.e. tutorial service to area schools).

Student Activities Board

The Student Activities Board is the student group which plans the series of recreational events presented throughout the year at the Rogers Campus Center which serves as the "living room" of the University. The Board, working in cooperation with the Director of Student Activities, sponsors films, coffee houses, concerts, dances, and exhibits of art and sculpture.

Outdoor Program and Resource Center

The center is an informal group of volunteers who assist in coordinating trips and other outdoor activities planned in the spirit of common adventure or cooperative environmental action. Resource materials and rental equipment are also available.

Publications

The Fiat Lux is the student weekly newspaper on which you may work as a writer or in copysetting, layout, advertising or proofreading.

The Kanakadea is the University yearbook and affords opportunities for you to demonstrate your talents in photography, makeup, writing and management.

Radio Station WALF is a 10-watt educational FM station operated by students and offers you a chance to work in programming, news, administrative work, or broadcasting.

Musical Organizations

You don't have to be a music major to participate in ensembles although a placement audition is usually required and permission of the instructor is required for enrollment in selected ensembles. You may enroll in more than one ensemble in a given semester and if you sign up for credit you may apply the credit toward satisfying the general education requirement in the Fine Arts area.

The University Chorus

The Concert Band

The Orchestra — a chamber group

Selected Ensembles — instrumental and vocal groups including the Chorale, Jazz Ensemble, Opera Workshop, Baroque Ensemble, Contemporary Singers, and various small groups in brass, woodwinds and percussion.

The Carillon Staff — students who are trained for Carillon playing under the director of the music department staff.

Clubs

The Alfred University Student Nurses Association.

The Alfred Guild — an organization of students of art and design.

The Public Affairs Club.

The Chess Club.

The Fellowship of Christian Athletes.

Alfred Gay Liberation.

MAJOR WEEKENDS

The St. Pat's Festival is a weekend celebration in March highlighted by educational displays and exhibits featuring ceramic and glass products and processes, and by social and recreational events including a parade, concerts and a dance. The St. Pat's Board is the student organization which plans and stages the festival.

Hot Dog Day is a traditional weekend festival staged to raise money for area charities and worthy organizations.

The events are promoted through the cooperative efforts of students from Alfred University and Alfred State College.

The weekend features an old fashioned ice cream social, family chicken barbeque, rock dance, and a day filled with carnival festivities centering around the sale of hot dogs by the thousands.

CULTURAL EVENTS AND FILMS

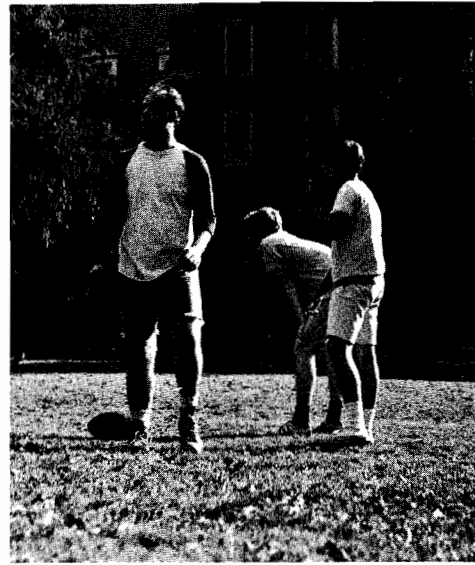
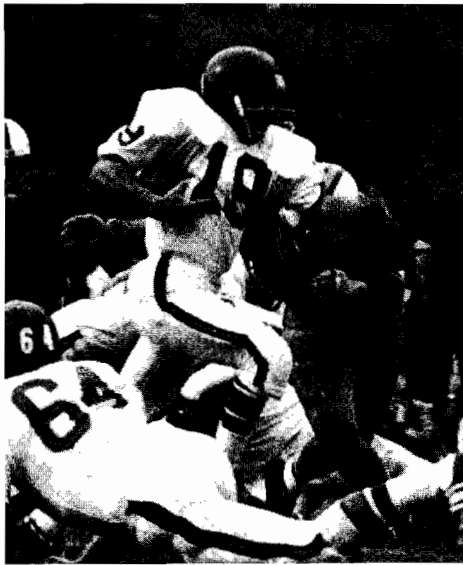
The Cultural Programs Council is the University agency which is responsible for carrying out the policy of presenting to students a constant flow of artistic and intellectual events. The Council consults with student groups as well as other sectors of the University in scheduling plays, concerts, dance companies, and art exhibits as well as a series of lectures. Speakers appearing on campus represent the world's major intellectual, social and political forces. President Gerald Ford, General Maxwell Taylor, Stewart Udall, C. P. Snow, and Joseph Heller have been among speakers in recent years.

Nevins Theater shows current films two nights a week at the McLane Center.

A special series of movies classed as "Film Classics" is presented one night a week in the Science Center where admission is free.

Students of Performing Arts present theatrical productions each semester featuring talents of student performers, directors and technicians.





ATHLETICS

McLane Physical Education Center is the place where you can enjoy participating in competitive sports, watching intercollegiate contests, or just working out to keep yourself in shape. The Center's facilities also are used for physical education classes.

McLane Center has two regulation size basketball courts, a swimming pool, weight room, two sauna baths, four handball and squash courts, and four badminton and volleyball courts. Supplementing these facilities are an indoor track and another basketball court in the nearby Davis Gym.

Outdoors there are basketball baskets and two badminton and two volleyball courts in the McLane parking lot for recreational use. Near the dormitories there are also basketball baskets. There are seven outdoor tennis courts on campus and there is a trap range for recreational shooting a short distance from the campus. Brentwood riding center in Angelica affords an opportunity to participate in a Riding Club and to enjoy recreational riding.

Intercollegiate sports include basketball, women's swimming, men's swimming, men's track, women's track, skiing, lacrosse, men's tennis, women's tennis, golf, football, soccer and rifle.

Intramurals include basketball, wrestling, softball, horseshoes, tennis, table tennis, volleyball, badminton, bowling, handball, billiards, soccer, swimming and squash.

Alfred University is a member of the National Collegiate Athletic Association, the Eastern College Athletic Conference and the Independent College Athletic Conference of New York State, the Association of Intercollegiate Athletics for Women, the Eastern Association of Intercollegiate Athletics for Women and the New York State Association of Intercollegiate Athletics for Women. The program in intercollegiate athletics operates under the rules and regulations of these national, regional and state organizations and University athletes compete in many of the contests in each group.

THE GREEKS

There are six fraternities and three sororities at Alfred which offer their members a close knit social "home" as well as opportunities for organizational leadership and responsibility. Although their influence is primarily social, members also take part in academic, political, cultural and community projects. There is no "caste" distinction between members and students who remain "independent".

The Pan-Hellenic Council is a representative body composed of the president and a designated adviser from each fraternity and sorority and a representative of the Student Affairs Office. It is responsible for all matter related to the "houses" and serves as a communications medium with all other campus constituencies.

Fraternities:

Alpha Chi Rho
Delta Sigma Phi
Kappa Psi Upsilon
Klan Alpine
Lambda Chi Alpha
Zeta Beta Tau

Sororities:

Alpha Kappa Omicron
Sigma Chi Nu
Theta Theta Chi



HOUSING

You have to have a place to sleep, study, and play your stereo, so you move into one of the dorms at Alfred. But you'll be encouraged to use the term "residence hall" instead of "dorm" because the University makes an effort to provide more than just housing. In fact the University's Student Affairs Office bases its requirement of four semesters of residence in University housing on the belief that a lot of learning takes place outside the classroom, that much of it, actually, occurs through your association with other students. The closest and most constant of these associations arises where you live—in the residence halls. That's what is back of residence hall programming. It's designed to promote activities which have educational and social values. Some 250 programs were sponsored during the year in the sixteen residence halls. They included karate classes, practice in throwing pots—that is forming pottery on a potter's wheel, screening of an old film classic, making a bus trip to an area winery and staging an in-house forum on the occult.

You can even have a role in planning the programs by serving on the residence hall Programming Committee which conducts the follow-through that converts an idea into an activity.

You can also play a role in residence hall governance if you have qualities of leadership. A student Residence Hall Minister is elected in each building and serves on the Advisory Council to the Associate Dean for Student Living. The Council formulates all policy and procedures affecting all living units.

One highly individualized aspect of institutional living is the right to decorate rooms to suit your own taste, within limits approved in advance by the Physical Plant office. Two residents of Norwood suite who won a \$50 prize in a room decor contest described their entry as a "Playboy Pad."

Policies regarding residence visits by the opposite sex, incidentally, are governed by the choice of living style which the student makes when requesting room assignment. There are no restrictions (open parietals) in the coeducational units, the Pine Hill Suites, and the student apartments on Ford Street. There are some units in which unlimited visitation applies only on weekends but visiting hours are set from 1 p.m. to 12:00 midnight on Monday through Thursday. There are also some housing areas where visits by the opposite sex are prohibited at all times.

All students who live in residence halls, except seniors or graduate students or those residing in apartments of Ford Street, are required to eat in University dining halls. Meal options available permit you to choose either a five-day meal plan or a seven-day plan which relieves the necessity of foraging off-campus on weekends. Vegetarian menus are available under either option.

The student apartments on Ford Street which were completed in 1975 house 164 students in two or three-bedroom units. The units offer you the convenience of an on-campus location but a housing status that is more comparable to renting off-campus.



Castle

A unique and strictly limited housing option is the cooperative called the Castle. The house just off-campus will accommodate approximately 20 women. They must meet the requirements set by the Financial Aid Office to qualify for residence in the house. Those living at the Castle buy their own food, cook their meals, and have full responsibility for the management of the house.

If you are interested in off-campus housing, a list of available properties may be obtained from the Associate Dean for Student Living.

ADVISING

You are the one primarily responsible for your own academic progress. And if you have problems your best bet is to take advantage of the help provided by the faculty and administration. You will be assigned a faculty adviser who will help you plan your course of studies and will be available for consultation throughout the year. You should also feel free to consult the coordinator of freshman advising for your college or any faculty or staff member who might be of assistance.

To help you adapt to your new campus environment when you first arrive, there is an orientation program which enables you to meet and relate to faculty members and fellow students, as well as to become familiar with your surroundings and the facilities which exist to fulfill your personal and academic needs.

OFFICE OF CAREER PLANNING AND PLACEMENT

As you progress through four years of college, you will undoubtedly develop a growing interest in the placement services. Particularly as a senior, you will want to become familiar (if not good friends!) with the placement personnel. These people provide your most direct link with persons and institutions who have jobs to fill, and are committed to helping you develop the skills and know-how to obtain these jobs!

With central facilities located in Allen Hall, and a branch for ceramic engineers and artists in the McMahon Building, the Office of Career Planning and Placement has more to offer you than job leads, however. That's why it would be to your advantage to start thinking about careers before you are a senior.

Perhaps you'd just like to talk with someone about your future career plans, or browse through some occupational literature to see what job descriptions fit your needs and abilities. The career reference library is available for this purpose, and moreover, the Counseling Center works closely with the Placement Office to arrange special interest tests and interviews which can provide you with information vital to decision-making.

Have you ever wondered where you might find information about summer jobs, Civil Service positions, teaching internship programs or overseas employment opportunities? The Placement Office maintains this information, as well as extensive literature on businesses, industries and school systems. Lists of full-time job openings in the fields of business, ceramics, education and nursing are posted. Other full-time opportunities are kept in current files and are available upon request.

In addition, Placement arranges a schedule of visits by personnel officers from school districts, governmental agencies, businesses and industries for the purpose of conducting job interviews with seniors. It backs up the student applicants by providing assistance in developing a resume or in writing letters of inquiry and applications for employment. Credential service is also maintained for students and alumni, particularly for teaching candidates and those persons who seek admission to graduate school.

It should be reassuring to know that placement service doesn't necessarily end with the student's graduation. A characteristic that makes this office unlike most other campus organizations is that its assistance continues and is available to graduate students and alumni.

COUNSELING

A Counseling Center is available to students who need assistance in solving personal, interpersonal, vocational, and educational problems. There you have an opportunity to freely explore your feeling and attitudes in a confidential counseling relationship.

The goals of the Counseling Center are to increase your self-awareness and your ability to function more effectively and creatively. Students who request personal counseling often express concern about their feelings of depression and loneliness, their attitudes toward sex and drugs, and their desire to become more assertive, creative and productive. The Counseling Center also affords the opportunity to participate in group experiences, such as awareness and couples groups.

You may request educational and vocational counseling to obtain specific information concerning your academic program, study techniques, or take a vocational test battery designed to highlight major areas of interest. For vocational testing you will be charged a minimum fee for the scoring of standardized tests. A reading improvement program is also available if you wish to increase your reading rate and comprehension.

The University does not have the facilities to provide students with psychiatric or long-term psychological treatment.

HEALTH SERVICE

Extensive health care facilities and professional staff are provided for you on-campus. The Crandall Health Center is supervised by a full-time University Physician, who is Director of Health Services, and is staffed by a part-time physician, registered nurses, laboratory and x-ray technologists and a cook. The Center has a 14 bed in-patient capacity, and examining, emergency and treatment rooms for out-patient services. There is also a clinical laboratory, x-ray department, physical therapy room, kitchen, staff dining room, and a large comfortable furnished lounge for convalescing patients in the Center.

The University Physician is available at the Health Center from 9 a.m. to 5 p.m. daily and is on rotating emergency call with the Associate Physician at all other times when classes are in full-time session except during the summer. Registered nurses are present in the Center 24 hours a day, seven days per week, whenever the facility is open. Patients who require the services of specialists are referred to those available in neighboring Hornell where there are two fully accredited general hospitals where students with more serious illnesses or injuries are admitted for treatment. Student patients always maintain the right of free choice of physician or place of hospitalization and must assume all financial obligations for such off-campus medical-surgical care.

Festival JAZZ

Week

ALFRED UNIVERSITY APRIL 21-26

mon
tues
wed
thur
fri
sat

A.U. Jazz Ensemble	Harder Hall Aud.	\$100
Preservation Hall Jazz Band	Tech SAC Gym	\$115
Penfield H.S. Jazz-Rock & Allegany H.S. Jazz Bands	Harder Hall Aud.	\$100
Buddy Rich & his Big Band	McLane Center	\$100
Gary Burton Quartet	Davis Gym	\$100
Art Blakey's Jazz Messengers	McLane Center	\$100

TUITION, FEES AND EXPENSES

(financial detail available at Treasurer's Office)

Alfred University is a non-profit corporation whose purpose is to provide quality educational opportunities for young men and women. The Alfred student charges constitute 75% of the University's operating income. The remaining 25% of operating income, plus capital contributions, come from endowment, alumni, friends, foundations, corporations, and public agencies.

Tuition and other charges listed are all subject to change without notice.

STUDENT EXPENSES

College of Liberal Arts

College of Nursing and Health Care

School of Business and Administration

Tuition	\$3,300
Room and Board ³ (per student)	1,575 ²
TOTAL	\$4,875 ¹

New York State College of Ceramics

New York State Resident

	Lower Division (freshman/sophomore)	Upper Division (junior/senior)
Tuition and General Fee	\$1,035	\$1,185
Room & Board ³ (per student)	1,575	1,575
Annual Total	\$2,610 ¹	\$2,760 ¹

Out-of-state Resident

	Lower Division (freshman/sophomore)	Upper Division (junior/senior)
Tuition and General Fee	\$1,460	\$1,685
Room & Board ³ (per student)	1,575	1,575
Annual Total	\$3,035 ¹	\$3,260 ¹

Students who are academically able may carry sufficient credits to graduate in seven semesters. This schedule would result in a savings of 1/3 of the normal charge for tuition, room and board.

¹This figure does not include an estimated \$150 for books and supplies.

²A limited number of apartment residence halls are available with complete kitchens. These rent for \$925 per year per student but do not include board privileges at the rental rate.

³Five and 7-day meal plans available.

Note: For Graduate School and Summer School, see separate catalogs.

TUITION AND OTHER EXPENSES

The University Tuition charge provides for normal University services and student activities. The former includes use of the campus health center (see details which follow) and cultural programs. The latter includes the *Fiat Lux* (student newspaper), *Your Basic Homunculus* (student magazine), the *Kanakadea* (student yearbook), and special student activities such as dances and concerts.

The College of Ceramics Tuition and General Fee provides for instruction and such expenses as college administration, student financial aid, University services, and special student activities.

In the College of Ceramics you are charged additional tuition when you repeat courses taught in other divisions of the University. Charges are regulated by the cost of accessory instruction.

Residence halls are closed and campus food service is not available for the scheduled vacation periods during the academic year.

Board and room is available at no extra charge for the Allenterm if you have a current board and room contract and are registered in an Allenterm project.

You are responsible for your own linen service. Other fees, deposits, and special assessments as necessary for certain programs are listed under the specific course and program descriptions in this and other Alfred University catalogs.

The \$20 application fee has been discussed as part of the admissions procedure. Special students not admitted through regular application procedures are charged this fee upon first registering in the University. The \$300 acceptance deposit required of all students matriculating as full-time degree candidates is also discussed in detail under admissions. There is a \$15 fee for late registration and late payment of bills.

Limited medical treatment, including the services of the University physician and nurses, is provided for you in the University Health Center. The tuition charge covers a maximum of one week of such services. You are charged a supplementary fee of \$10 per day for health center care in excess of this period of time. The costs of such items as prescriptions, serums, and special drugs are personal expenses.

If you want student health insurance you are responsible for making the necessary arrangements.

PAYMENTS — REBATES

Bills covering all charges for the first semester are mailed home in late July and must be paid by August 22. Bills covering charges for the second semester will also be mailed home and must be paid by January 15.

Rebates for full-time undergraduate students during the regular academic year are as follows: if you withdraw before the first day of classes, 100 percent of tuition; if you withdraw during the first seven calendar days of any semester beginning with the first day of classes, 80 percent; during the second seven calendar days, 60 percent; during the third seven calendar days, 40 percent; during the

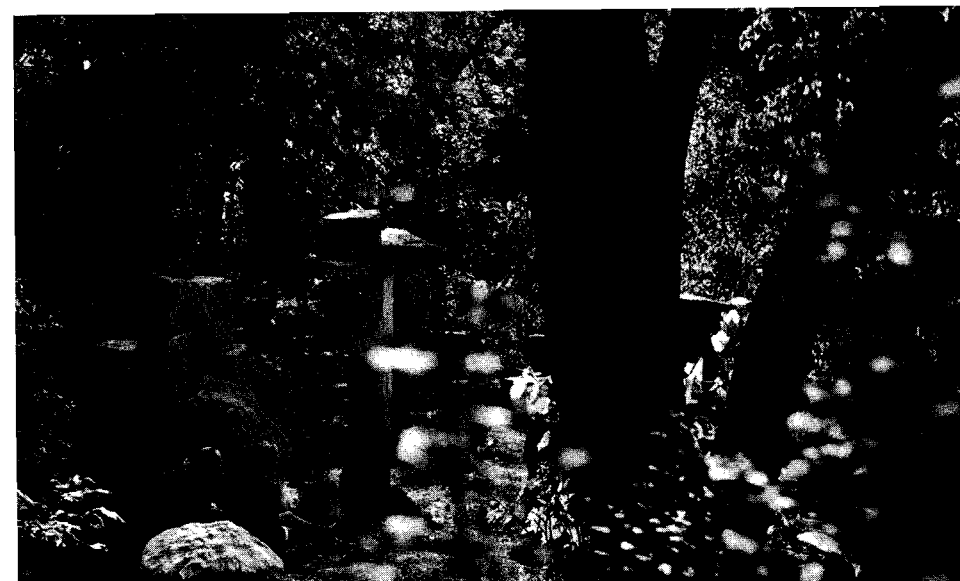
fourth seven calendar days 20 percent. There will be no tuition rebate if you withdraw after 28 calendar days of a semester. If you are a new student and withdraw during your first semester at Alfred you forfeit the full amount of your acceptance deposit. However, an amount equal to the acceptance deposit may be applied against any charges accrued for tuition, room or board. There will be no rebate on University room charges. Board charges will be refunded on a pro-rata basis. It is important that you formally withdraw from the University since any refund is determined by the date of receipt of the Withdrawal Notice.

You are required to meet all financial obligations to the University when due. You will not be graduated or receive a transcript if you are delinquent in meeting financial obligations due the University or any University organization.

EDUCATION LOAN PLANS

Alfred University has made arrangements to accept tuition payments from the bank and financing companies listed below. A brochure describing the plan and an application are mailed to your home address in early summer. The loan agreement is a matter between your parents and the company. Other brochures are available by writing directly to the company or to the Treasurer's Office of the University.

Tuition Plan, Inc.
Concord, N.H. 03310
Education Funds Inc. — Fund Management
36 S. Wabash, Suite 1000
Chicago, Illinois 60603
Midland Time Plan for Education
Marine Midland Bank
One Marine Midland Plaza
Rochester, New York 14604



THE UNIVERSITY LIBRARIES

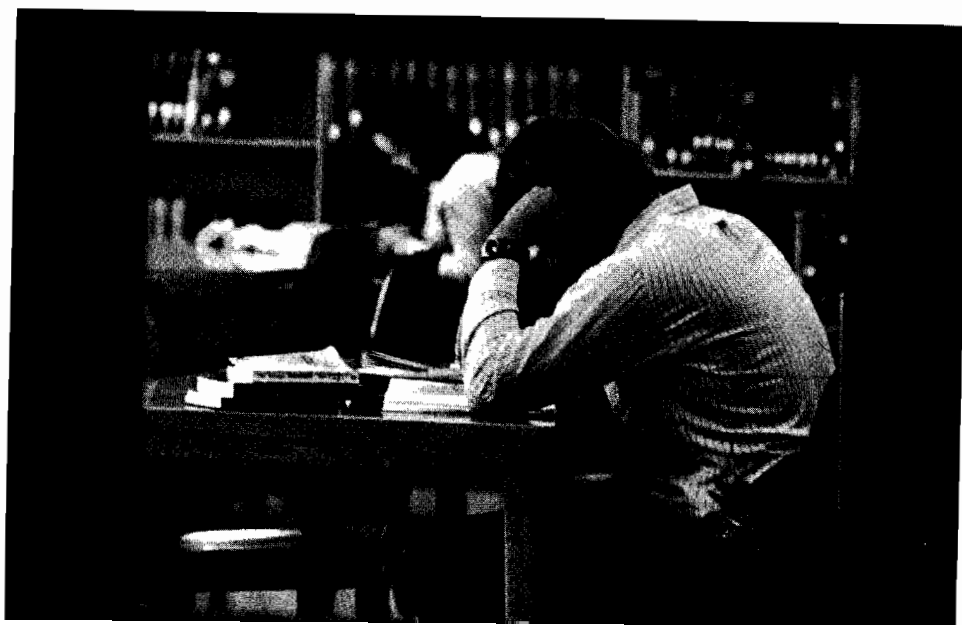
THE HERRICK MEMORIAL LIBRARY, dedicated in June, 1957, was made possible by the generous bequest of Margaret Brown Herrick in memory of her husband, John Pierce Herrick. Dr. Herrick, a devoted friend and loyal supporter of Alfred University, served for many years as a member of the University's Board of Trustees.

The library—equipped to render excellent academic service to students, faculty, and to the residents of the community—has spacious reading rooms and stack space capable of housing over 150,000 volumes.

The library contains over 140,000 volumes and a pamphlet collection of some 5,000 items. The serial collection includes 22 newspapers, over 1,100 subscribed periodical titles plus 300 gratis titles, and 650 other serials such as yearbooks, transactions and monographs of professional societies and similar groups. The holdings of newspapers and periodicals consist of both bound volumes and microfilm. The Library has a complete run of *The New York Times* on Film (1851 to the present). The Herrick Library collection is augmented by the holdings of the library of the College of Ceramics, one of the nation's outstanding collections in this special field.

A competent staff enables the library to give personal attention to the reference and research problems of students and faculty.

In its architecture, collection, and operation, the Herrick Memorial Library is designed to function as the intellectual center of the University and of the area.



The Rare Book and Special Collections

The Herrick Memorial Library is fortunate in having a collection of some 400 volumes which are classified as rare books with the publication dates ranging from the early 1500's to the middle 1800's. The collection represents a variety of subjects with two choice items, a first edition of Dr. Samuel Johnson's famous Dictionary, 1755, and the first edition of Webster's Unabridged Dictionary, 1828, each in two volumes.

Among the most recent acquisitions are the volumes from the private libraries of two benefactors of the University. Many first editions are included in one collection—among them works by Robert Frost, Dylan Thomas, William Faulkner, Ernest Hemingway, and Margaret Mitchell's *Gone With the Wind*. Sets of volumes on the Civil War, published during or soon after the conflict, are included in the other collection together with works on Longstreet and Grant.

Used chiefly for exhibition purposes, the collection is of value to the Alfred student in acquainting him with early styles of printing and bookbinding. There is a certain kind of aesthetic satisfaction obtainable in no other way than by examining a book which is three to four hundred years old. The experience tends to unite the present-day students with those of earlier generations in their common interest in what has always been the basic tool of the scholar—the book.

An alumnus has presented his collection of almost 700 volumes in the German language on recent German history, including many of the "verboten" books published in Germany during the Nazi period. Students doing research in this period will find this collection of infinite value.

Many works of local historical significance, although not classified as rare books, enrich Alfred's special collections with an unusual dimension. Nearly 600 books whose authors took part in or witnessed the area's transition from pioneer settlements to established and progressive communities are housed in the Alfredana room with the Library's most cherished works.

The College of Ceramics Library

A highly important facility of The College is the Scholes Library, a ceramics reference library, located in Charles Harder Hall. Under the guidance of librarians, the students find here a wealth of published material relating to all phases of ceramic engineering, science, art, and design, as well as to related sciences. The library is open six and one-half days and six evenings each week. A special feature of the facility is the Van Schoick Reading Lounge.

The four-story Scholes Library contains approximately 48,000 bound volumes of art and technical books and in addition the library has some 11,000 unbound bulletins, reprints, pamphlets, and student theses. The serial collection includes 1,300 periodicals and 465 other serials. A collection of 40,000 photographic slides also is available in the Division of Art and Design.

ARTHUR SHAFMAN INTERNATIONAL LTD. PRESENTS



MUMMENSCHAN

UNIVERSITY ACADEMIC REGULATIONS

UNIVERSITY PROGRAM

The university program consists of eight semesters of 14 weeks each and two (January) Allenterms.

ALLENTERM

A special four-week term in January, titled the Allenterm, is designed to enable you, individually or with a group, to pursue some special topic of interest with the aid of a faculty member.

Projects undertaken during the Allenterm may be pursued on campus, or elsewhere, depending on the nature of the project. If you work off campus you are expected to bear the cost of travel and any other expense involved in the special study project.

Allenterm projects may be related to your academic major or may be totally unrelated. The projects may be originated by members of the faculty, individual students, groups of students, or by faculty and students working together. It is the objective of the Allenterm to afford you an opportunity to take the initiative in a creative manner, to pursue work outside the structured atmosphere of the academic course, and to organize and present your findings in an appropriate manner. Thus, the special January term contrasts with and enhances the regular semesters.

Grading of Allenterm projects is on the basis of High Pass, Pass, or Fail. You must receive two grades of Pass or better during four years to graduate. Transfer students are required to complete a proportional number of Allenterm projects. One is minimum. Students are permitted to take some additional Allenterm projects if they desire at no extra charge.

The Allenterm is named after Dr. Jonathan Allen, Alfred University's second President and a pioneer educator.

Detailed regulations and further detail concerning the Allenterm may be obtained by writing to the Allenterm Coordinator, Alfred University.

PHYSICAL EDUCATION REQUIREMENT

You must fulfill the Physical Education requirement to receive the Bachelor's degree from any College or School of the University. You may meet the requirement in one of the following ways:

- (1) pass two Physical Education activity courses
- (2) pass two Military Science courses with leadership lab
- (3) demonstrate proficiency in two lifetime sports (listed below)
- (4) complete half of the requirement in any two of the above.

The lifetime sports in which you may demonstrate proficiency are:

- | | | |
|---------------|-------------------|--------------------|
| (1) Archery | (7) Horsemanship | (13) Skiing |
| (2) Badminton | (8) Orienteering | (14) Squash |
| (3) Bowling | (9) Paddleball | (15) Swimming |
| (4) Fencing | (10) Pistolry | (16) Tennis |
| (5) Golf | (11) Riflery | (17) Trap Shooting |
| (6) Handball | (12) Scuba Diving | |

NORMAL STUDY PLAN

You normally will take 16 hours of course work per semester. The total may be made up of any combination of four-hour and two-hour courses.

GRADES AND INDICES

Performance in each course is graded on a letter system in which A=4, B=3, C=2, D=1, F=0. The index is calculated by multiplying the number of semester hours of the course times the numerical value of the grade earned, adding those sums for all courses taken, and dividing the total by the total number of credit hours except for courses taken on a pass-fail basis.

ACADEMIC STANDARDS

If your index falls below 1.0 for any semester you may be dismissed from the University regardless of overall standing.

A freshman whose index at the end of any semester is above 1.0 but below 1.7 will be placed on "condition". A sophomore, junior or senior whose index at the end of any semester is above 1.0 but below 2.0 will be placed on condition.

A student in the B.F.A. degree program must obtain a grade of "P" or better for at least 12 semester hours in a given semester in order to be considered as making satisfactory progress toward a degree. Should this level of attainment not be reached, the student will be placed "on condition".

PASS-FAIL COURSES

If you are a sophomore, junior or senior in good academic standing you may be permitted to designate one elective course each semester to be taken for a grade of "P" (pass) or "F" (fail), provided you have not been previously enrolled in the course. The designation of such a course must be approved by your major adviser. Art and design students take courses within the Division on a HP, P, NC grading basis.

All grades remain on your permanent record.

WITHDRAWAL

If it is necessary for you to withdraw from the University during the academic year or at the end of any semester you should first consult with a member of the Student Affairs staff. Initiating the withdrawal in this manner is primarily for proper guidance and is also necessary if you are to receive refunds which may be due. Students who are minors should have their parents or guardian contact the Student Affairs Office to confirm that there is family knowledge of the action. (see appendix)

No refunds will be made for withdrawals which are not processed according to these procedures.

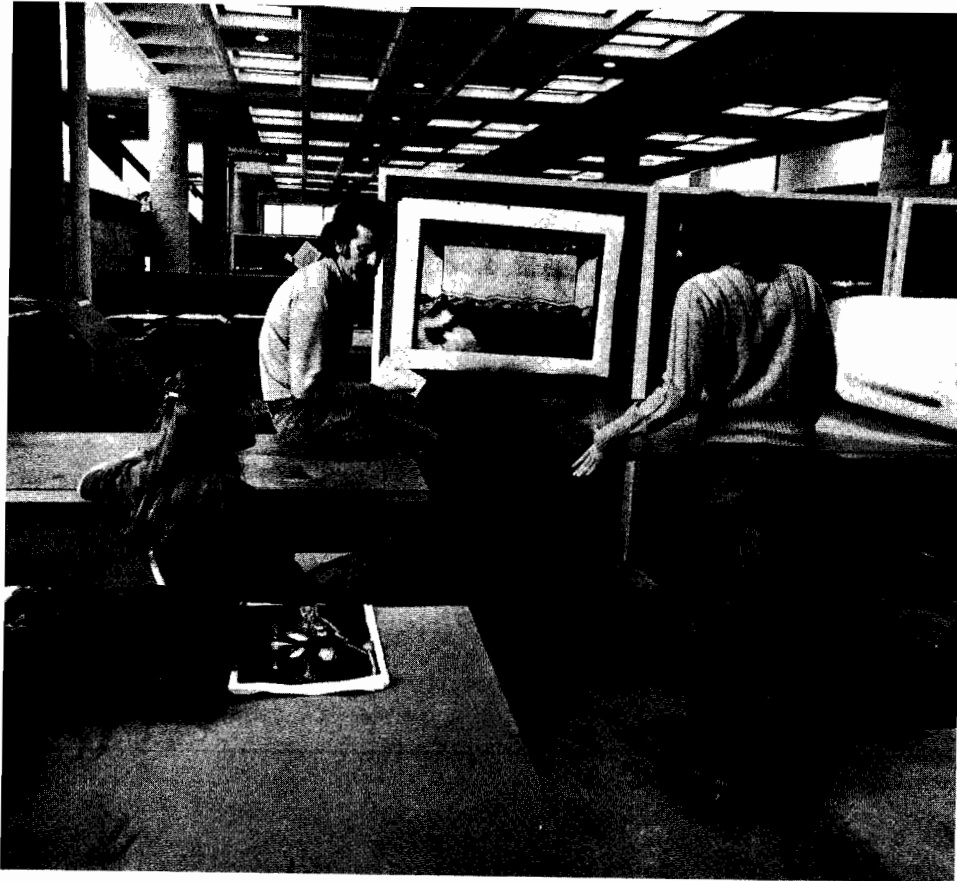
READMISSION

If you are suspended for any reason you may be granted the opportunity to return on a conditional basis. Application for readmission must be in writing to the Director of Admissions who will forward the application and transcript material to the appropriate readmission committee. These applications should be submitted at least one month prior to the time the student is eligible to return.

CHALLENGE EXAMINATIONS AND ADVANCED PLACEMENT

To encourage students with outstanding ability and enterprise, Alfred University places special emphasis on advanced placement and challenge exams. This means that you need not repeat work already satisfactorily covered by high school, informal study, hobbies, or travel. Through these examinations, you may earn credit as appropriate for all or part of the freshman year requirements, or for courses at any level if you can demonstrate proficiency.

You may take advantage of these opportunities through the following programs:



1. The advanced Placement Program of the College Entrance Examination Board
2. The College Level Examination Program of the College Entrance Examination Board which includes both a General Examination and Subject Examinations
3. The College Proficiency Examination Program of the New York State Education Department
4. Other programs: Where no prescribed policy has been determined, your exam results will be compared with the national norms to determine whether credit and/or advanced placement is granted.

The results of examinations taken under the four programs listed should be forwarded to the Registrar for consideration by the appropriate academic committee.

After you have enrolled you may request examination for credit in any undergraduate course which you have not taken.

ACADEMIC HONORS

UNDERGRADUATE HONORS. A Dean's Honor List is published at the end of each semester. This list is composed of the names of full-time matriculated students who have a semester's scholarship index of at least 3.30 for at least 12 semester hours for which quality points are assigned.

Because of the grading system used in the Division of Art and Design, no Dean's List status is possible for Art and Design students. However, Divisional and College Honors in some form of Invitational Art Exhibit with appropriate notation on the transcript are being developed.

GRADUATION HONORS. Three grades of honors are awarded, upon faculty approval, to seniors based on their cumulative scholarship attainment as evaluated upon completion of the requirements for the bachelor's degree, viz:

- (a) *Summa cum laude*, or highest honors, to those having a scholarship index of 3.90 and no grade below B
- (b) *Magna cum laude*, or high honors, to those having a scholarship index of 3.70 and no grade below C
- (c) *Cum laude*, or honors, to those having a scholarship index of 3.30.

MAJOR HONORS. These honors may be awarded to seniors at the time of their graduation by the faculty in the field of their major studies who determine the specific requirements for these honors. The general requirements have been adopted by the faculty as follows:

A candidate for honors shall have (1) attained a cumulative index of 3.30 in the courses of his or her major field, (2) earned at least two semester hours of credit in independent study, and (3) passed an oral examination in his or her major and allied fields, conducted by a committee selected by the major faculty. Candidates for honors will be recommended by faculty in the particular discipline and approved by the faculty of the College or School.

PRIZES AND AWARDS

In addition to the academic honors formally attained for outstanding scholarship, there are a number of prizes and awards sponsored by individuals and organizations which are presented to students. These special and commemorative awards are conferred during the annual Honors Convocation in recognition of either general scholastic excellence or outstanding attainments in a particular field of study.

ALFRED UNIVERSITY PRESENTS

CITY CENTER ACTING COMPANY

JOHN HOUSEMAN
Artistic Director

The Three Sisters

by Anton Chekhov
directed by Boris Tumanin

FRIDAY, SEPTEMBER 20—8:15 P.M.

HARDER HALL AUDITORIUM

Tickets at door \$2.00/\$1.00

Free with I.D.



"The finest repertory company in New York City"
— The New York Times

"A lesson in how repertory should be handled"

COLLEGE OF LIBERAL ARTS

You may become a student in the College of Liberal Arts for one of a number of reasons all related to your own personal academic preferences. You may have decided that you want to major in one of many specialized fields of study usually encompassed by the term "Liberal Arts." On the other hand you may be basically uncertain about what direction you want your college career to take. Or you may have a definite idea about what you want to accomplish and realize that no traditional course of study is suited to your goal. Those alternatives, representing a wide range of academic endeavor, are well matched to the programs offered by the College of Liberal Arts. But in addition to enabling you to carry out your own plan, The College of Liberal Arts seeks to enrich your future in a broader sense by providing other studies designed to help you learn how to lead a responsible and productive life in a free society.

As part of that enrichment process, you will be required to participate in a program of general education, concentrated primarily in the first year or two. From the broad areas of literature and philosophy, the arts, communications, social sciences, and natural sciences you will select courses designed to provide an acquaintance with the cultural heritage of our society, the great ideas of the past and present, and the problems evolving from our changing environment.

In your last two years of study at Alfred, you will be devoting the major portion of your time to advanced work in your field of specialization. You may enter college with a field of specialization already in mind, or you may be undecided and choose to wait a year or two before reaching a decision. However, you should give this matter serious attention because it is not always feasible to delay this choice until the end of the sophomore year.

If you are uncertain about your career objectives, wish to study a wide range of non-specialized courses, or have in mind some carefully arranged interdisciplinary program, you may be attracted to The Individually Structured Major or the Track II program. Either of these programs requires careful planning and a great deal of self-discipline.

The combination of general education and specialization offered by the College of Liberal Arts provides you with a foundation for graduate or professional study, as well as preparation for teaching or the world of business. The program you elect to follow will be effective and useful if it develops within you the spirit of inquiry and the ability to participate actively in the process of learning. A liberal education will not provide you with ready-made answers to tomorrow's problems, but it will provide you with the ability to recognize problems, to seek reasonable solutions to them, and to implement these solutions intelligently and responsibly.

OUTLINE OF PROGRAMS

As a student in the College of Liberal Arts you may choose from among the following majors and programs which lead to the Bachelor of Arts degree.

Majors

Biology	Modern Languages
Chemistry	(French, Spanish)
Drama	Music
Economics	Philosophy
Elementary Education	Physics
English	Political Science
Environmental Studies	Psychology
Geology	Sociology
History	Speech and Dramatic Art
Mathematics	

(A divided major is possible. See page 56)

Individually Structured Major. See page 56

Track II

(Non-traditional, see page 56)

Interdisciplinary Majors and Programs

Criminal Justice Studies
Environmental Studies
General Science
Social Research Technology
Teacher Education (Secondary Education)

Programs in Cooperation with other Universities

Five-year combined liberal arts-engineering program (Columbia Plan)
Washington Semester
U.N. Semester

Study Abroad
Visiting Student
College Center of the Finger Lakes
World Campus Afloat
CCFL Access

GRADUATION REQUIREMENTS

If you enroll in the College of Liberal Arts you must fulfill the requirements listed in A through G below to receive the B.A. degree:

- A. Complete a total of 120 semester hours with a cumulative index of 2.0.
- B. If you test below a minimum standard in English Composition for entering students, you must complete a course in English Composition. This course will be open to all other students as an elective.
- C. Complete the general education requirement of eight semester hours in each of the five groups below:
 1. **Literature and Philosophy**
 - (1) Literature
 - (2) Philosophy (except logic)
 - (3) Religion
 - (4) Foreign literature
 - (3) Speech
 - (4) Writing and composition (except Basic English Composition)
 - (5) Logic
 2. **The Arts**
 - (1) Art
 - (2) Design
 - (3) Drama
 - (4) Music
 - (5) Film
 - (6) Dance
 - (7) Creative writing
 3. **Communications**
 - (1) Mathematics
 - (2) Modern Language
 4. **Social Sciences**
 - (1) Anthropology
 - (2) Economics
 - (3) History
 - (4) Political Science
 - (5) Psychology
 5. **Natural Sciences**
 - (1) Physics
 - (2) Chemistry
 - (3) Geology
 - (4) Biology
- D. Complete the requirements in one of the following:
 1. A field of specialization (major or interdisciplinary program)
 2. Individually Structured Major
 3. Track II (new non-traditional program)
- E. Complete two Allenterm projects. Allenterm is described in the preceding University Academic Regulations.
- F. Fulfill the Physical Education requirement. (See University Academic Regulations)
- G. Be in residence at least during the senior year (transfer students must earn at least 30 semester hours and one Allenterm in residence). If you have earned all but eight or fewer of the credits required for graduation, you may be permitted by the Dean to complete your degree requirements elsewhere.

SPECIALIZATION (Major)

The junior and senior years are devoted chiefly to a field of specialization. Because this specialization should correspond with the interests which are likely to dominate your later life, the choice and planning of the program are very important. Inasmuch as the field of specialization centers around a particular subject, it is commonly referred to as a *major* in that subject.

The field of specialization requires at least 24 and no more than 40 semester hours, including introductory courses, in a major subject to be completed with grades of C or better. No more than 16 semester hours may be required in other subjects related to the major subject. You may also be required to pass a comprehensive examination in the major. *Many major programs require careful planning of prerequisite structure in the freshman year.*

A divided major requires a minimum of 18 semester hours in each of two related subjects, with a grade of C or better in all required courses in each subject. Sixteen semester hours may be required prior to specialization. There are no requirements in related subject fields.

Interdisciplinary programs in Criminal Justice Studies, General Science, Columbia Plan (5 years) Environmental Studies, and Social Research Technology, require careful selection of courses. These programs are described under the appropriate headings in the catalog. For such special programs, a grade of C or better must be earned in all required courses.

If you are preparing for secondary school teaching, you must consult with the Chairman of the Division of Education when planning your field of specialization.

INDIVIDUALLY STRUCTURED MAJOR

This program does not require a major or a field of specialization and thus offers you maximum flexibility to arrange a program to suit a wide variety of interests, aspirations, and abilities. The program is especially appropriate if you have definite academic objectives which do not fit into other regular programs or those with broad general interests. If you select this program, you are urged to work closely with your faculty adviser in order to insure that appropriate professional or vocational goals are being met.

In addition to the other college degree requirements, you must complete at least 24 semester hours at the junior level or above with grades of C or better.

TRACK II

The guiding educational philosophy of the Track II program is to permit the individual student, with the help of a faculty advisory board, to design an effective educational program in keeping with personal interests and to qualify for graduation on the basis of the level of achievement in that self-defined program. In contrast, most curricula offer an educational structure of courses designed by the faculty with graduation determined by accumulation of a set number of course credits.

If you enter the Track II program, you have the opportunity to define your educational goals, develop an appropriate program proposal, carry out that program of study, and demonstrate achievement of your goals before graduation.

Study opportunities in Track II range beyond the traditional major programs in liberal arts. You can develop imaginative programs which cross disciplinary boundaries or meet career goals which are not directly met by the other programs of the college. As a Track II student, you should be willing to work independently, to consult closely with faculty advisers, to seek opportunities for field work and internships, and to test yourself against individualized standards of achievement. You help to select an advisory board, consisting of three faculty members, who help you formulate your program, guide your progress, and evaluate your development.

Progress through the program is marked by three distinct phases.

Foundation Year

During this period (normally one academic year), you discuss program ideas with the Track II Coordinator, who will put you in contact with faculty members interested in your topic. You will normally pursue a standard freshman program, which emphasizes a broad liberal arts base; the foundation year is a time for active clarification of educational goals and for building up a knowledge base sufficient for intelligent formulation of a program proposal.

Normally, toward the end of the first year, you will choose your faculty advisory board, develop a program proposal, and get the official approval of the program proposal by the advisory board and the Dean. You are then ready to begin the Inquiry Period.

Inquiry Period

During this period (normally two academic years), you will develop knowledge and skills appropriate to your particular area of study. You and your faculty board may decide to meet these objectives in a variety of ways including the following: (a) regular course work (b) independent studies and readings courses (c) seminars (d) off-campus study (e) field work and internships (f) research. You and your faculty board determine a means of evaluation to test your development during the Inquiry Period; this phase of the program is completed when the advisory board certifies your preparation to enter the Baccalaureate Year.

Baccalaureate Year

During this period (normally one academic year), you will work on a major project and participate in an interdisciplinary seminar with other Track II seniors. The major project of the Baccalaureate year gives you an opportunity to

demonstrate your ability to integrate the elements of your program in a productive way. The purpose of the seminar is to enable you to relate your area of study to problems and issues that are common to other Track II students. The Baccalaureate Year is intended to develop your educational maturity by asking you to reflect upon your study and to assess your achievements in relation to your original goals. In addition to the major project and the seminar, you may wish to take certain regular courses in order to prepare for a final evaluation of your work.

Special Notes

(1) If you are enrolled in Track II, you are subject to the distribution, Physical Education, and Allenterm requirements as currently specified by the College of Liberal Arts.

(2) If you enrolled in Track II and find it unsuitable, you may transfer to Track I, the standard program.

TRANSFER STUDENTS

For the purpose of evaluating transfer records, the following will apply:

1. A three-semester-hour course may be considered the equivalent of a four-semester-hour course to satisfy general education requirements.
2. The number of hours for which transfer credit is granted, however, will be based on credit earned in the course.

NORMAL STUDY PROGRAM

A normal study program consists of 16 hours per semester.

As an undergraduate in the College of Liberal Arts, you may take any courses in the University for which you are eligible and space is available.

DIVISIONAL STRUCTURE

The faculty and course offerings of the College of Liberal Arts are organized into a divisional structure to foster and permit the development of an interdisciplinary approach to undergraduate education.

James A. Taylor — Dean
Fred H. Gertz — Assistant Dean
Faculty of Academic Divisions

BEHAVIORAL SCIENCES

Dr. Robert A. Heineman, Chairman

Majors or Disciplines

Anthropology
Criminal Justice Studies
Political Science
Psychology
Sociology

Professors

Ingram — Psychology
Gardner — Sociology

Associate Professors

Heineman — Political Science
E. Rogers — Political Science

Assistant Professors

Alkoff — Psychology
B. Cunin — Psychology
Dawson — Psychology
Johnson — Psychology
Lichtman — Psychology
D. Meissner — Psychology
Peterson — Political Science
Rasmussen — Political Science
Satariano — Sociology
D. Towe — Psychology
White — Psychology

Instructors

Madden — Psychology
S. Rogers — Sociology

Lecturers

Blankenship — Psychology
B. H. Cunin — Psychology
Sakamoto — Psychology

EDUCATION

Dr. William J. Walker, Chairman

Professors

Odle
Pulos
Smith
Walker

Associate Professors

Bodenstab

Assistant Professors

Clagett
Curl
Orlando

Instructors

Vandever

Lecturers

W. Bouck
Gordon
Herrick
Hower
L. Johnson
March
J. Meacham
F. Nye
J. Nye

HUMANITIES

Dr. David M. Ohara, Chairman

Majors or Disciplines

English
Modern Languages & Literature
Drama
Music
Speech

Professors

Bernstein — English
F. Gertz — English
McIntosh — Romance Languages
Ohara — English

Associate Professors

R. Brown — Speech and Drama
Lanshe — Music
Sich — Russian
Trice — Romance Languages

Assistant Professors

P. Giles — Music
Greiff — English

Hassencahl — Speech and Drama
 Higbee — Performing Arts
 Hopkins — English
 Howard — English
 Kohler — Romance Languages
 Lakin — German
 Navarrete-Saunders — Spanish
 S. Phillips — English
 Shilkett — English
 E. Sibley — English
 Strong — English

Instructors

S. Brown — Music
 Buchanan — German
 Cameron — Technical Theater
 Chapman — Music

Lecturers

E. Brow — Music
 FitzRandolph — English
 B. Giles — Music
 Harbach-George — Music
 S. Howard — Music
 J. LaBarbera — Music
 Purga — Music
 Zurich — English

HUMAN STUDIES

Dr. Garrett Droppers, Chairman

Majors or Disciplines

History
 Philosophy
 Religion

Professors

M. Sibley — Philosophy

Associate Professors

Campbell — History
 Droppers — History
 J. Gilmour — Philosophy
 Horowitz — History

Assistant Professors

Belle — History
 Nisbet — Philosophy
 Ostrower — History
 Skansie — Anthropology

Instructors

Cairns — Philosophy

Lecturers

Vincent — Criminal Justice Studies

SCIENCES & MATHEMATICS

Dr. Richard D. Sands, Chairman

Majors or Disciplines

Biology
 Chemistry
 General Science
 Geology
 Mathematics
 Physics

Professors

Butler — Mathematics
 Finlay — Biology
 Klingensmith — Chemistry
 Rough — Biology
 Rulon — Chemistry
 Sands — Chemistry
 Sass — Geology
 S. Scholes, Jr. — Chemistry
 Sloan — Mathematics
 Stull — Physics
 Taylor — Physical Geography
 G. Towe — Physics

Associate Professors

R. Ehrlich — Mathematics
 Kulander — Geology
 Moritz — Mathematics
 C. Shively — Biology
 Webb — Physics

Assistant Professors

Ball — Mathematics
 Bentz — Chemistry
 Bowden — Biology
 Carr — Physics
 Dix — Physics
 Douglass — Mathematics
 Gerace — Geology
 Hoover — Mathematics
 Rausch — Biology
 Rock — Biology
 Williams — Mathematics

Instructors

Tucker — Biology

SPECIAL PROGRAMS

Dr. George Towe, Chairman

Majors or Disciplines

Environmental Studies
 Individually Structured Major
 Military Science
 Physical Education
 Track II

Professors

Creighton — Physical Education
 Delahunty — Military Science
 Harrington — Physical Education
 Sass — Environmental Studies
 coordinator
 Yunevich — Physical Education

Associate Professors

Baker — Physical Education

DuBreuil — Physical Education
 Powers — Physical Education

Assistant Professors

McCarthy — Military Science
 Obergfell — Physical Education
 Orr — Military Science
 Remson — Military Science

Instructors

Burnett — Military Science
 E. Castrovillo — Physical Education
 McDonald — Military Science
 Schaeberle — Physical Education

Lecturers

Cirulli — Physical Education
 V. Rasmussen — Environmental
 Studies



MAJORS AND SUBJECTS

If you would like a copy of the Course Description Bulletin complete and mail the card on the back cover.

ASTRONOMY (See Physics)

BIOLOGY (Division of Sciences and Mathematics)

The course offerings in Biology are designed to fill a variety of needs ranging from preparation for professional careers to merely providing a basic grasp of the subject. Recent graduates are now students in medical schools and dental schools, are enrolled in other graduate programs, or are teachers of science. Other recent graduates are now working as a pharmacist, a physical therapist, lab technician with the Massachusetts Public Health Department, an environmental consultant, and an environmental data interviewer with New York Sea Grant.

Requirements for major

BIO 101	Biological Principles
BIO 322	Botany
BIO 352	Embryology
BIO 365	Genetics
BIO 375	Comparative Vertebrate
BIO 476	Physiology
BIO 490	Seminar

one of the following:

BIO 440	Biochemistry
BIO 451	Fundamentals of Cytogenetics
BIO 462	Bacteriology

Related Study

CH 105/106	General Inorganic Chemistry
CH 451/452	Organic Chemistry

Related Study (strongly recommended)

Math	through elementary Calculus
Physics	introductory course



CHEMISTRY (Division of Sciences and Mathematics)

The Chemistry program is approved by the American Chemical Society's Committee on Professional Training. You may decide to major in Chemistry to prepare for a vocation as a chemist, for a professional career in medicine, dentistry or nursing, or to enter high school teaching. You may, instead, earn your B.A. in Chemistry with the idea of attending graduate school. If you satisfactorily complete the major requirements, you may be certified at the time of graduation. Certified graduates are eligible to become members of the American Chemical Society. Other graduates may become only associate members until they have had three years of professional experience in chemistry. Recent graduates include a research chemist with Corning Glass Works, Senior Chemist in Rheumatoid Arthritis with Pfitzer Inc., university research assistants, graduate students, and medical and dental students.

Requirements for major

CH 105/106	General Inorganic Chemistry
CH 243/246	Physical Chemistry
CH 423/424	Analytical Chemistry
CH 431/432	Inorganic Chemistry
CH 451/452	Organic Chemistry
CH 3—	a total of four semester hours above 300

Related Study

Mat 119/120	Calculus I & II
Physics	two 4-hour courses

DRAMA (Division of Humanities)

Two options are offered for the liberal arts drama major: acting-directing and technical design. There is also a combined speech-drama major. Among recent graduates are an associate minister, a theology student, an education consultant at a U.S. Army installation, a makeup artist on *Hawaii Five-O*, and a dining hall manager.

BOTH DRAMA MAJORS require

DRA 110	Intr. to Dramatic Arts
DRA 115	Technical Theater I
DRA 201	History of the Theater
DRA 305	Contemporary Theater
SPE 113	Public Speaking

ACTING/DIRECTING MAJOR — additional requirements

DRA 203	Ensemble (once)
DRA 206	Experimental Theater
SPE 207	Voice and Diction
DRA 209	Oral Interpretation
DRA 223	Acting
DRA 333	Reader's Theater
DRA 401	Directing
DRA 430	Acting — Directing/Practicum

TECH/DESIGN MAJOR — additional requirements

DRA 116	Technical Theater II
DRA 203	Ensemble (once)
DRA 311	Producing the Play
DRA 300	Basic Scene Design
DRA 431	Scenography/Practicum

SPEECH — DRAMA MAJOR**Core Courses**

SPE 347	Speech Composition
SPE 114	Group Discussion
DRA 209	Oral Interpretation of Literature
SPE 201	Interpersonal Communication
SPE 491	Senior Seminar

**Cognate Fields**

PSY 210	Introduction to Psychology
PSY 340	Social Psychology
ENG 446	Technical Writing

Electives - a total of 16 semester hours from:

SPE 113	Practical Public Speaking 4 hrs
SPE 207	Voice and Diction 2 hrs
SPE 327	Debate I 4 hrs
SPE 328	Debate II 4 hrs
SPE 239	Parliamentary Procedure 2 hrs
SPE 232	Radio Workshop 2 hrs
DRA 333	Reader's Theater 2 hrs
DRA 401	Directing 4 hrs

ECONOMICS (Division of Behavioral Sciences)

The program prepares majors for graduate work in economics, business administration, and law as well as direct entry into business, government, teaching, and other occupations. Among recent graduates are a marketing services assistant with Champion International, a factoring officer with Bankers Trust Co., an assistant banquet manager with a catering firm, a manager of a plumbing firm, a company president, a Census Bureau Statistician, a hospital Patient's Account Manager, an insurance broker, a claims adjuster, and a number of graduate students.

Requirements for major**Economics**

ECO 211/212	Principles of Economics I & II
ECO 253	Introduction to Econometrics
ECO 331	Money, Income, Prices & Employment
ECO 332	Macroeconomic Analysis
ECO 391	Microeconomic Analysis
ECO 462	Seminar in Economics

Business

BUS 251	Quantitative Methods I
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Plus 16 semester hours from the following:**Economics above 300**

ACC 215	Financial Accounting I 4 hrs
ACC 216	Managerial Accounting 4 hrs
MKT 321	Principles of Marketing 4 hrs
FIN 348	Managerial Finance 4 hrs

Related Studies

Mathematics	
MAT 111	Elementary Probability
MAT 112	Elementary Statistics

EDUCATION (Division of Education)

Secondary Education

Preparation for a career in secondary education combines an academic major in a particular field, such as history or biology, with courses in the Division of Education which is responsible for professional aspects of the program. If you are preparing to teach at this level, you should consult the Chairman of the Division of Education before planning a program of major studies.

Alfred University is cooperating with the New York State Education Department in the Certification Advisement Program. You may earn provisional certification in one of the following fields: art, music, English, biology, business education, chemistry, earth science, physics, French, Spanish, mathematics, and social studies.

Requirements for major

Education

ED 230	Educational Psychology
ED 461	Student Teaching
ED 48-	appropriate Methods course

Three additional courses from:

ED 341/342	Education in a Democracy
ED 450	Independent Study
ED 451	Instructional Analysis
ED 453	Tests and Measurements
ED 454	Selection and Use of Instructional Media
ED 455	Post-Secondary Student Teaching Seminar
ED 456	Teaching Reading Skills in Secondary School Content Areas
ED 457	Orientation to Secondary Student Teaching
ED 490	Topics in Education

Related Study

Psychology

PSY 210	Introduction to Psychology
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Requirements for an academic major

Elementary Education

To teach at the elementary level, you need to take an academic program designed for that particular vocation. This program offers Elementary Education as an academic major and requires completion of 40 semester hours within the broad scope of General Education.

The Elementary Education Program is approved by the New York State Education Department for provisional certification: Elementary Teacher (N-6).

Among recent graduates of the Division, many are teaching in schools throughout New York State and some are teaching in other states including Texas, Idaho, and Wisconsin. Some graduates hold such positions as: a researcher for a real estate title firm, alcohol counselor with Steuben County Mental Health Service, secretary to the vice-president of a paper manufacturing company, and assistant manager of a photo department for a New Jersey firm. Several are attending graduate schools.

Requirements for major

Education

ED 341	Education in a Democracy
ED 370	Tests and Measurements

Methods and Materials in:

ED 371	Social Studies
ED 372	Science
ED 373	Language Arts
ED 374	Mathematics
ED 471	Methods of Teaching Reading
ED 472	Competency Skills in Teaching Reading
ED 473	Measurement and Evaluation
ED 474	Orientation to the Elementary Classroom
ED 475	Student Teaching

Related Study

Education

ED 230	Educational Psychology
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Psychology

PSY 210	Introduction to Psychology
PSY 420	Child and Adolescent Development

One Course in two of the following:

American History
 Anthropology
 Criminal Justice Studies
 Economics
 Geography
 Sociology

General Education

Art - 1 course
 Music - 1 course
 Math - 2 courses

Academic concentration

24 semester hours in a subject or interdisciplinary program

Two courses in Literature and Philosophy

Two courses in Natural Sciences

ENGLISH (Division of Humanities)

Understanding the literary imagination enables you to move toward the necessary comprehension of man's being and his culture. The study of English helps you to develop this understanding through courses which focus upon critical interpretations of literature, the relation of literary works to their times and to each other, and intelligent expression in the evaluation of these works. Among recent graduates who majored in English are: teachers, a librarian, graduate students, insurance agents, a placement counselor, a YMCA public relations director, and a University sports information director.

Requirements for major

ENG 236	Beowulf to Spenser
ENG 237	1600-1700
ENG 238	The 18th Century
ENG 239	The 19th Century
ENG 4—	English or American Literature before 1800
	16 semester hours above 400 including 425 and/or 426
ENG 4—	English or American Literature after 1800
	16 semester hours above 400

GEOLOGY (Division of Sciences and Mathematics)

Through the study of Geology you may gain an understanding and appreciation of the basic parameters and limitations of your natural environment. You may select at random from the courses offered and take them for enjoyment, choose courses in conjunction with other studies for application to the solution of environmental problems, or take courses in structured sequence in preparation for careers in the Earth and Geological Sciences.

You may choose one of four options leading to the major in Geology as outlined below. Substitutions may be made (for cause) in all options through consultation with your adviser. An independent study or research experience is recommended during the upper division years. If you anticipate graduate study, the development of computer skills and a reading knowledge of a foreign language is strongly advised.

Recent graduates include a Doctoral candidate, vice-president of a tire firm, conservation inspector in West Virginia, computer operator, and a library media specialist. You may choose one of four options leading to the major.

1. Pre-professional
2. General Science-Geology

Requirements for options above

Course Group	A - all courses
Course Group	B - 207, 301 and 2 other courses
Course Group	C - two courses

Chemistry	negotiable
Physics	negotiable
Math	elementary calculus

3. Earth Science Teacher
4. Interdepartmental

Requirements for options above

Course Group	A - all courses
Course Group	B - 4 courses
Course Group	C - courses in keeping with professional plans

Chemistry	negotiable
Physics	negotiable
Math	elementary calculus
Education	option 3 requires appropriate courses (see secondary education)

Course Group A

GEO 101	Physical Geology (Principles)
GEO 304	Analytical Field Methods
GEO 404	Historical Geology

Course Group B

GEO 102	Physical Geology (Processes)
GEO 205	Environmental Geology
GEO 207	Stratigraphy & Sedimentation
GEO 221	Geology & Evolution
GEO 301	Structural Geology
GEO 322	Survey of the Life of the Past
GEO 332	Oceanography
GEO 406	Tectonics
GEG 105	Weather Elements
GEG 205	Meteorology

Course Group C

CES 229	Structure of Solids
CES 260	Mineralogy
CES 325	High Temperature Reactions
CES 401	Petrography
CES 411	X-rays

HISTORY (Division of Humanities)

"Forget the past and you will lose both eyes," writes Alexander Solzhenitsyn in *The Gulag Archipelago*. The remark indicates Solzhenitsyn's awareness that to understand the present and future delimitations of the human condition, we must first comprehend our past. History is an intellectual quest which continually responds to the demands of a contemporary setting by emphasizing both the dynamics of change and the stabilizing effect of continuity.

Among recent graduates are: a program assistant in the Governor's Office in New York State, an assistant director of academic support services at a college, a reporter, publishing house employees, an inmate attorney for the Texas Department of Corrections, a legislative assistant, personnel manager for a lumber company, an assistant product manager for a wholesale firm, a trainee in the N.Y. Department of Mental Hygiene, a travel counselor, law students and graduate students.

To major in history you must complete:

A total of 32 semester hours in history courses numbered in the 300's and 400's and including eight hours each in European and American history.

Related study:

A total of 12 semester hours from fields approved by your adviser.

Interdisciplinary history major requires:

4 semester hours in history at the 100 or 200 level

18 semester hours in upper division history courses - 300's or 400's including eight hours each in European and American history.

Plus requirements specified by the adviser in the other discipline.

A double History major:

Complete the requirements for a history major specified above.

Complete the requirements for a major in another field as determined by consulting the adviser in that field.

INDIVIDUALLY STRUCTURED MAJOR (Division of Special Programs)

You may arrange an academic program to suit your own interests, aspirations and abilities in this program. This enables you to earn the B.A. degree without meeting the requirements for a major or a field of specialization. The program is especially appropriate if you have definite academic objectives which do not fit into other regular programs. You are urged to work closely with your faculty adviser in this program to be sure that you meet appropriate professional or vocational goals. You may be attracted to the program, however, for the very reason that you have no strong interest in any particular academic field and are uncertain about what you want to do with your life. The available data on recent graduates suggests many chose Liberal Studies for the latter reason.

Among recent graduates from this program are teachers, sales representatives, photographers, an occupational therapist, underwriter trainee, division clerk with a hospital nursing service, hospital maintenance helper, co-owner of a sub-shop, an agency employment counselor, assistant manager of a shirt store, scientific research assistant with N.Y. Geological Survey, carpenter's apprentice, bank teller, a personnel assistant, staff assistant in a bank, and a marketing representative trainee, as well as six graduate students, a law student and a medical student.

MATHEMATICS (Division of Sciences and Mathematics)

The program in mathematics is designed not only to provide you with the mathematical tools you will need in your field of specialization but also to provide the specialized courses leading to the major. If you are planning to attain State Certification to teach mathematics in the secondary school, you should take Math 476 and Math 481 in your senior year. Majors should be familiar with one or more programming languages.

Recent graduates include: a field analyst with Xerox, customer engineer with IBM, teachers, operator of a bookkeeping service, and a financial analyst with General Foods.

Requirements for major

MAT 119	Calculus I
MAT 120	Calculus II
MAT 121	Calculus III
MAT 322	Differential Equations
MAT 338	Elementary Linear Algebra
MAT 402	Introductory Real Analysis
MAT 408	Group Theory
MAT 418	Ring Theory
MAT 428	Field Theory
MAT 438	Linear Algebra
MAT 491	Seminar

Also 12 semester hours in Math courses numbered above 240.

MILITARY SCIENCE (Division of Special Programs)

Reserve Officers' Training Corps

The ROTC objective is to produce junior officers who by their education, training, and inherent qualities are suitable for continued development as officers in the United States Army and its reserve components. Instruction covers fundamentals common to all branches of the Army.

Participation in ROTC is completely voluntary. You may elect to take the basic Military Science course offered for freshmen and sophomores if you are physically fit and a non-veteran. The basic course carries no future obligations. The advanced course is open to selected students.

In the advanced course, you will be assigned command and supervisory positions within the Corps of Cadets for leadership experience. The advanced course includes a summer camp of six-weeks duration.

As an advanced course cadet you are paid a subsistence allowance of \$100 per month for 10 months per year during enrollment. During the summer camp period the government provides food, clothing, quarters and travel costs and a monthly stipend equal to one-half a Second Lieutenant's base pay. Total pay and allowances during the advanced course amount to approximately \$2,350.

You may request enrollment in the Flight Training Program conducted at the Wellsville airport. Only advanced course cadets who meet the physical requirements are eligible and the quota is filled by selection of those best qualified. The no-cost instruction includes all requirements for the FAA private license.

MODERN LANGUAGES (Division of Humanities)

You may study modern languages to broaden your intellectual horizons; to open up the stores of enjoyment to be found in the literature of other countries and times; to travel more intelligently and independently; to gain a keener appreciation of words as living, evolving, media for conveying ideas; or to use the language for reading in other fields. If you are in the College of Liberal Arts you may satisfy the graduation requirement in the Communications area by taking eight semester hours in foreign languages or in the Literature and Philosophy area by taking eight semester hours in Foreign Literature, either in English translation or in the original language. If you plan to seek certification as a teacher of foreign languages, you should consult as soon as possible with the chairman of the Education Division.

Recent graduates include a Peace Corps Volunteer and graduate students.

Requirements for major

Romance Languages

ML 227/228	French Conversation
ML 325/326	Survey of French Literature
ML 327/328	Advanced French Composition, Grammar and Phonetics and one of the following:
ML 421/422	Development of the French Novel
ML 431/432	French Drama

Spanish

ML 319	Survey of Spanish Literature
ML 329	Survey of Latin American Literature
ML 347	Spanish Phonetics and Advanced Grammar
ML 348	Spanish Syntax and Composition
ML 349	Advanced Spanish Conversation
ML 410	History of the Spanish Language

Related study (for major in French or Spanish)

A total of at least 12 semester hours from:
another foreign language
literature
history
art
music.

MUSIC (Division of Humanities)

Recent graduates include music teachers, a graduate student, a self-employed musician, and a college admissions officer.

Majors are offered in Music and in Music Education

Requirements of **both** majors

MUS 120	Music Theory I
MUS 121	Music Theory II
MUS 220	Music Theory III
MUS 221	Music Theory IV
MUS 203	The Polyphonic Period
MUS 204	The Classical Period
MUS 205	The Romantic Period
MUS 206	The Modern Period

Applied Music - 6 semester hours

Other requirements:

1. Audition on major instrument to qualify as a music major.
2. Give a senior recital, either solo or shared.
3. Satisfy a secondary piano requirement.

Music major: - additional requirements:

Ensembles	- 6 semester hours
Electives	- a total of 12 semester hours including 4 in history and 4 in theory

Related studies:

a total of 3 full courses

Other:

1. Participate in ensembles each semester of residence.
2. Study and give a jury on the major instrument each semester of residence.

Music Education Major: - additional requirements

MUS 325	Instrumentation
MUS 280	Public School Music
MUS 281	Elemen. Sch. Methods and Materials
MUS 282	Secondary Sch. Methods and Materials
MUS 330	Conducting
MUS 200	Applied Techniques (Three courses required)
MUS 491	Senior Seminar

Ensembles - 4 semester hours

Other:

1. Participate in ensembles each semester of residence, possibly excepting the student teaching semester.
2. Study and present a jury on the major instrument each semester of residence. After consultation with the instructor of the major instrument, the music education major may be excused from formal study on his or her major instrument during the student teaching semester.

PHYSICAL EDUCATION (Division of Special Programs)

The Physical Education faculty offer a wide variety of activities and coaching courses some of which are given as coeducational courses while others are restricted to either men or women.

Emphasis is placed on meeting your individual needs. A variety of beginning level activities are presented to enable you to develop skills in activities and seasonal sports with carry-over value for later life. The advanced courses offered give you an opportunity to perfect techniques and skills in a sport. While skill and conditioning are important aspects of the courses, rules, equipment, etiquette, and strategy are stressed. Grades normally are based on written examinations.

You may take physical education courses not only to meet the physical education graduation requirement (see University Regulations) but also as electives. You may count a total of eight semester hours of physical education activity courses toward graduation credit. You may not receive credit toward graduation, however, for beginning courses in any sport for which you have already passed a proficiency examination in a Lifetime Sport.

In addition to meeting the physical education graduation requirement, you are encouraged to participate in intramural activities to maintain your skills and physical fitness.

If you anticipate securing employment in the aquatics area, you may wish to take the course in the operation and maintenance of swimming pools.

Since the coaching of sports has become an important adjunct to the teaching profession, theory courses in basketball, football, and track and field are offered so that you may further your studies, either for professional use as a coach, or for recreational purposes. The coaching courses include discussions of etiquette in sports, values in mental attitude, systems of offense and defense in appropriate sports, history, and strategy, equipment, conditioning and care and prevention of athletic injuries.

PROFICIENCY TESTING (for the lifetime sports option)

Proficiency examinations are a mechanism for providing you with the opportunity to demonstrate that you have already acquired certain sports fundamentals, knowledge, and abilities, and are, therefore, ready for advanced placement, a different activity, or exemption.

Because lifetime participation implies more than a superficial degree of exposure, it is consistent to set the proficiency level above a minimum standard of performance. This standard will be determined by the Physical Education faculty. The proficiency examination will include two parts, each of which you may pass separately.

A. A written examination which includes terminology, rules, etiquette, game situations and strategy, and equipment. You must pass a written test before you are eligible for the practical examination.

B. A practical examination on basic performance skills where you must demonstrate a degree of competence which will insure satisfactory use of the sport in leisure time.

PHILOSOPHY (Division of Human Studies)

Recent graduates are law or graduate students.

Requirements for major

32 semester hours of courses selected in consultation with your philosophy faculty adviser.

PHYSICS (Division of Sciences and Mathematics)

If you have the appropriate high school preparation (physics and four years of math—if available), you may take the physics major which is an intensive and individualized program in theoretical and experimental physics. The major provides a sound basic knowledge of physics and skills of inquiry that will equip you to continue exploration of pure or applied physics either in graduate school or in some other context.

The faculty also offers an integrated program for students enrolled in the College of Ceramics and courses which may be taken to satisfy the science requirement of the College of Liberal Arts.

Astronomy — Courses in Astronomy are offered by the Physics faculty. You may take a variety of courses to become acquainted with modern astronomical thought and observational technique. You may prepare for graduate study in astronomy or astrophysics by completing a Physics major and electing additional courses in Astronomy.

Recent physics graduates are mainly in graduate schools.

Requirements for Physics major

First Year	
PHY 131	Mechanics I
PHY 132	Mechanics II
PHY 134	Electricity and Magnetism I
PHY 235	Electricity and Magnetism II
MAT 119	Calculus I
MAT 120	Calculus II

Second Year	
PHY 133	Fluid and Thermal Physics
PHY 236	Introduction to Optics
PHY 241	Elementary Modern Physics
PHY 242	Physics Lab I
MAT 121	Calculus III
MAT 322	Differential Equations

Third & Fourth Years	
PHY 321	Statistical and Thermal Physics
PHY 322	Waves
PHY 341	Advanced Physics Lab
PHY 342	Advanced Physics Lab
PHY 401	Quantum Physics

NOTE: Since Physics 321, 322, 341, 342, and 401 will only be offered once every two years, you should arrange your schedule with this in mind.

Related Study

You are encouraged to take some chemistry and in the College of Ceramics: X-rays, Spectroscopy, Electron Microscopy, Computer Techniques and Electrical Engineering.

POLITICAL SCIENCE (Division of Behavioral Sciences)

The Political Science major will give you a basic understanding of political processes. The major also will prepare you for graduate study or provide you with appropriate background to enter government service, the study of law, or positions in business, teaching or journalism.

Recent graduates include: employees of insurance firms in the areas of claims, sales, and group pension; a trust department trainee at Chase Manhattan, order controller with Ingersoll Rand, mortgage counselor at Binghamton Savings Bank, assistant manager of a wholesale supply firm, assistant manager of a catering firm, public relations representative, owner of a sportswear firm, as well as graduate students and law students.

Requirements for major

POL 210	Introduction to American Politics
POL 220	Political Analysis

One course in 2 of the 3 following groups:

Political Processes and Behavior

POL 331	Political Parties
POL 411	Bureaucracy

Political Theory

POL 341	Modern Political Theory
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Comparative and International Politics

POL 271	World Politics
POL 351	Political Patterns in Western Europe
POL 361	Political Development in the Third World

Also a total of 16 additional semester hours.

PSYCHOLOGY (Division of Behavioral Sciences)

The psychology major is designed to give you a broad background and to develop your potential for becoming a scholar and/or practitioner in both the science and art of psychology. The major prepares you for graduate work which is usually needed for employment within the field.

Recent graduates include: graduate students, school psychologists, director of drug abuse services for Wy Company, an intern psychotherapist, an assistant in occupational therapy, rehabilitation counselor, supervisor of child care services, a case aide in a psychiatric clinic, assistant job analyst, life insurance agency representative, regional supervisor of water safety at a state park, a researcher with the federal department of Health, Education and Welfare, and an assistant editor with *Mademoiselle Magazine*.

Requirements for major

PSY 210	Introduction to Psychology
A total of 4 semester hours from each group below:	

Methods

PSY 230	Strategies of Research 4 hrs
PSY 302	Psychological Measurement 2 hrs
PSY 331	Behavioral Statistics and Environmental Design 4 hrs
PSY 492	Personality: Inference Making 2 hrs

Processes

PSY 290	Learning 4 hrs
PSY 412	Perception 2 hrs
PSY 432	Cognitive Processes 4 hrs

Biological Bases

PSY 322	Comparative Behavior 4 hrs
PSY 391	Structure and Function of the Nervous System 4 hrs
PSY 392	Laboratory Techniques in Physiological Psychology 2 hrs

Development and Adaptation

PSY 240	Humanistic Psychology 4 hrs
PSY 260	Developmental Psychology 4 hrs
PSY 340	Social Psychology 4 hrs
PSY 420	Child and Adolescent Development 4 hrs
PSY 430	Middle Age and Aging 4 hrs
PSY 440	Psychology of the Abnormal 4 hrs

Integrators

PSY 401	History of Psychology 2 hrs
PSY 470	Senior Seminar 2 hrs
PSY 491	Personality: Processes and Structures 4 hrs

Also three additional psychology courses (except 210).

SOCIOLOGY (Division of Behavioral Sciences)

Through the study of sociology, you learn a method for making systematic comparisons of data gathered by the most varied types of groups, societies, cultures, and institutions and using that comparison to try to formulate laws or generalizations about the causes, effects, and possibly the control of social change. You acquire a vocational background which includes a partial but significant preparation for all fields of endeavor which require an understanding of interpersonal and intergroup relationships.

Recent graduates include: a social case worker in Canada, an insurance trainee with Traveler's, a sales trainee with Xerox, a workshop supervisor with the Association for the Blind, district Executive with the Boy Scouts, a trainee with the Arkansas Enterprises for the Blind, a caseworker with the City of Richmond, Va., executive of a private firm, assistant librarian, real estate broker, academic programmer, and an assistant administrator with Round Table Associates.

Requirements for major

SOC 110 Introduction to Sociology

plus the following:

Theory Sequence

SOC 320 Social Theory: A Survey

SOC 321 Sociological Theory Construction

Methodology Sequence

SOC 230 Introduction to Social Statistics

SOC 231 Computer Applications in Sociology

SOC 430 Intermediate Social Statistics

SOC 431 Research Design and Strategies

A total of 12 additional semester hours.

POL 313

POL 316

SOC 244

SOC 343

SOC 347

PSY 340

PSY 481

HSH 385

BUS 251

BUS 252

American Urban Politics 4 hrs

American Constitutional Law and Politics 4 hrs

Complex Organizations 4 hrs

Intergroup Relations and Ethnic Minorities

Communities 4 hrs

Social Psychology 4 hrs

The Psychology of Death and Dying

Black People in White America 4 hrs

Quantitative Methods 2 hrs

Quantitative Methods 2 hrs

Institutes

In addition to the foregoing courses, the Criminal Justice Studies major is required to attend at least one institute per year. These institutes will normally be offered twice a year and will be a day to a day and a half duration. They will deal with specific issues facing professionals in the criminal justice area.

ENVIRONMENTAL STUDIES (Division of Special Programs)

The undergraduate program in Environmental Studies is designed to give you understanding plus the capacity for problem solving if you are so talented or inclined. Its purposes can be construed as enabling you to integrate intelligent citizenship with continuing education and/or professional expertise. The Program can also serve as a catalyst and focal point for pluri-disciplinary activities within the University and the surrounding community.

If you develop an interest in career opportunities in the environmental sciences, the double major (C below) is recommended. Graduate training is also strongly recommended as optimal preparation for such careers. The legal, health, social, and scientific communities are paying increased attention to specialized training for environmental work. The National Oceanic and Atmospheric Administration has an established corps for engineering and science graduates. Suggested career opportunities which have civilian applications include: National Ocean Survey, Weather Service, Marine Fisheries Service, and Environmental Satellite Service. There have been few graduates from this relatively new program and data on their current activities is unavailable.

Faculty in both the natural and social sciences participate in this program. The application of the team approach to problems of the human community seems to be the most reasonable approach to the complex inter-relationship between man and nature.

Requirements for major

You may choose one of three options leading to the major:

- A. Environmental Studies Major
- B. Enriched Environmental Studies Major
- C. Environmental Studies Double Major

All options require completion of parts 1-6. Part 3 determines which option is exercised.

Part 1 CORE (total 8 semester hours)

ENS 101

Natural Science - Core 4 hrs

ENS 102

Social Science - Core 4 hrs

INTERDISCIPLINARY PROGRAMS**CRIMINAL JUSTICE STUDIES (Division of Behavioral Sciences)**

As a Criminal Justice Studies Major, you examine types of criminal behavior in terms of environmental influences which foster such behavior, social and governmental efforts at control, and practices developed to effect rehabilitation. You deal in general with the application of the findings of social science to the problems of criminal behavior. The program also provides an opportunity for you to apply classroom knowledge to actual situations in the criminal justice area.

Requirements for major**Core Courses (required of all Criminal Justice Studies Majors)**

POL 232 Judicial Processes

SOC 344 Deviance and Society

Prerequisite SOC 110 or 210)

SOC 345 Crime and Delinquency

CJS 340 Concepts of Penology

CJS 350 Seminar in Criminal Behavior:

Etiology, Control and Rehabilitation

HSH 395 Crime in Twentieth Century United States

POL 417 American Civil Liberties

(Prerequisite POL 210)

PSY 440 Psychology of the Abnormal

(Prerequisite PSY 210)

CJS 450 Independent Study in Criminal Justice

CJS 460 Field Work in Criminal Justice

Electives

The student must select 16 semester hours from the following courses:

POL 212 American State Governments and Politics 2 hrs

Part 2 The common language (total 4 semester hours)

MAT 112	Elementary Statistics
CES 209	Computer Techniques
	both of the above or either of the following
MAT 107	Introduction to Computers
SOC 107	The Computer and Society

Part 3 Concentration

Option A	- 16 semester hours in a field
Option B	- 24 semester hours in a field
Option C	- All courses required for a full major in a particular discipline

Part 4 The Field Experience (total 4 semester hours)
one of the following or other approved courses:

ENS 350	Aquatic Techniques
CCFL	Basic Limnology
WCA	Diverse Courses
AU	Urban Politics Internship

Part 5**The Senior Project (total 4 semester hours)**

A one-semester project in the area of major interest to the student, supervised by a faculty member in the field.

Part 6**The Senior Seminar**

Two semesters of an interdisciplinary exchange of ideas on environmental and related problems.

GENERAL SCIENCE (Division of Sciences and Mathematics)

Meets provisional certification requirements for secondary schools of New York State.

Requirements for major

MAT 119	Calculus I
MAT 120	Calculus II

A total of 18 semester hours in either:
biology, chemistry, geology, or physics

A total of 8 semester hours in each of the
other three sciences from the list below:
Introduction to Biological Principles
and one of the following:

BIO 101	
BIO 311	Invertebrate Zoology
BIO 312	Biology of Lower Invertebrates
BIO 322	Botany

CH 105	General Inorganic Chemistry
CH 106	(continuation of 105)
GEO 101	Physical Geology (Principles)
	and one of the following:
GEO 102	Physical Geology (Processes)
GEO 221	Geology and Evolution
GEO 301	Structural Geology
PHY 111	Introductory General Physics
PHY 112	(continuation of PHY 111)

Above plus Secondary Education requirements

SOCIAL RESEARCH TECHNOLOGY**Requirements**

A liberal arts major in Economics, Political Science, Psychology, or Sociology.

Plus - courses in Computer Technology and Related Subjects.

COOPERATIVE PROGRAMS**THE FIVE-YEAR ALFRED-COLUMBIA
ENGINEERING PROGRAM**

Offered in conjunction with the School of Engineering and Applied Science, Columbia University.

Adviser: Professor Stull

If you choose to follow this combined program, you should consult with the program adviser soon after your arrival in Alfred.

The combined plan enables you to attend the College of Liberal Arts at Alfred University for an initial period of three years and the Columbia University School of Engineering and Applied Science for the last two years. Upon completion of the program, you receive the B.A. degree from Alfred and a B.S. in Engineering from Columbia.

If you elect to follow the combined program you have the advantage of receiving both a broad general training in liberal arts and a technical education in five years of study rather than the longer period that usually would be required if both degrees were obtained separately.

You are guaranteed acceptance into the Columbia School of Engineering and Applied Science, provided that you are recommended by Alfred University. Generally, that recommendation is based on:

1. Your completion of a prescribed sequence of courses in the following outline.
2. Your maintenance of a strong academic record, demonstration of desired aptitudes, and endorsement by the Alfred University Committee on the Combined Plan as qualified to succeed in engineering study.

If you have not maintained the required level of academic achievement or for some other reason are not recommended for admission by Alfred University, you may apply for admission directly to Columbia but will not be guaranteed such admission.

Requirements to be met during three years of study at Alfred:

Complete 88 semester hours and 1 Allterm
Meet Alfred's General Education requirements

Complete one of the following:

PHYSICAL SEQUENCE

(Leading to the B.S. in Civil, Electrical, Industrial, Mechanical, Metallurgical, Mining and Nuclear Engineering)

Mathematics

MAT 119	Calculus I
MAT 120	Calculus II
MAT 121	Calculus III
MAT 322	Differential Equations

Chemistry

CH 105/106	General Inorganic Chemistry
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Physics

PHY 131	Mechanics I
PHY 132	Mechanics II
PHY 133	Fluid and Thermal Physics
PHY 134	Electricity and Magnetism I
PHY 235	Electricity and Magnetism II
PHY 236	Introduction to Optics
PHY 241	Elementary Modern Physics
PHY 242	Physics Lab I
CES 201	Engineering Graphics
CES 209	Computer Techniques

Recommended but not required

PHY 313	Advanced Mechanics
PHY 334	Electricity and Magnetism

CHEMICAL SEQUENCE

(Leading to the B.S. in Chemical Engineering)

Math - Same as Physical Sequence

Chemistry

CH 105/106	General Inorganic Chemistry
CH 243	Physical Chemistry I
CH 246	Physical Chemistry II

Physics - Same as Physical Sequence

Recommended but not required

CH 451/452	Organic Chemistry
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STUDY ABROAD

You may be eligible for an opportunity to study for a semester or a year in one of the selected universities abroad without slowing your progress toward graduation.

Institutions which participating students may attend have been chosen for their academic quality and facilities in environments that represent distinct contrast to the United States in culture, economy and government. Some of these have direct arrangements with Alfred University, such as American University in Cairo; Schiller College in Berlin, Paris, London, Madrid, and Heidelberg, the University of Erlangen-Nuremberg, Technical University of Clausthal, University of Sheffield, University of Leeds, Wolverhampton Polytechnic, Manchester Polytechnic, American College of Barcelona, Institute of European Studies in Madrid, University of Besancon, Universidad Autonoma Madrid, Pierce College Athens and World Campus Afloat. With other universities arrangements are made by the University through the College Center of the Finger Lakes and its member institutions, especially Elmira College and Hartwick College. Transportation charges must be paid by you.

You must file application for participation in the Semester Abroad Program with the Director of the Study Abroad by March 1 for the first semester abroad and by October 1 for the second. You will be informed within two weeks if your application is approved, and you will then be scheduled for application to the institution in which you are interested, for immunization series, passport and visa application, travel and insurance advice, registration, language instruction, if applicable, and preparatory study.

For detailed information you should consult the Director of the Study Abroad Program, Dr. Lewis C. Butler in Greene Hall.

WORLD CAMPUS AFLOAT

World Campus Afloat is a unique educational experience which utilizes a shipboard campus to introduce students to the varied cultures of man through study voyages touching all parts of the globe. Its core is a strong academic program built around the social sciences, literature, the arts, and the physical and life sciences. Classes are conducted regularly while the ship is at sea and during each port stay. Course work is related to field experiences through individual research and an extensive series of in-port programs of academic, cultural and general interest. World Campus Afloat is administered through the Division of International Studies of Chapman College, one of the institutions that Alfred deals with directly.

World Campus Afloat operates on a semester calendar, with four-month programs embarking each February and September. Two, five-week summer sessions also are offered. Academic credit is granted by Chapman College and is transferable to colleges and universities throughout the country.

REGISTRATION INTERCHANGE FOR ALFRED AG-TECH AND ALFRED UNIVERSITY STUDENTS

Because of cooperative arrangements between S.U.N.Y. Agricultural and Technical College at Alfred and Alfred University, a limited number of full-time students from both Alfred institutions may take courses at the other institution each semester. When selecting courses you should be aware that the two institutions do not operate on the same academic calendar. There is no additional charge for such courses.

If you desire to register for courses at the other institution you should consult with the Registrar at your home institution well in advance of the beginning of classes. The Registrar will complete the necessary administrative arrangements for you.

WASHINGTON SEMESTER: A COOPERATIVE PROGRAM WITH THE AMERICAN UNIVERSITY

A few upperclassmen who are particularly interested in our national government have an opportunity to spend one semester in Washington, D.C., as students in the cooperative program administered by the Department of Political Science and Public Administration of The American University. To qualify, you must have an outstanding record in courses at Alfred University and must be recommended by the University. Coordinated in the Division of Behavioral Sciences.

U.N. SEMESTER: A COOPERATIVE PROGRAM WITH DREW UNIVERSITY

A few upperclassmen who are particularly interested in international affairs have an opportunity to spend one semester at Drew University studying the United Nations Organization in New York City as students in the cooperative program administered by the U.N. Semester Program at Drew University. To qualify, students of high quality who have completed an introductory course in American Government or International Relations must be recommended by the University. Coordinated in the Division of Behavioral Sciences.

COLLEGE CENTER OF THE FINGER LAKES — see page 14

VISITING STUDENT PROGRAM

Alfred University is one of 50 institutions of higher education which participate in the Visiting Student Program for Colleges and Universities in the State of New York. This means that as an Alfred student you are eligible to study at any other participating institution you choose for a semester or a year without the necessity for a formal transfer. It also means that Alfred will accept students from any other participating college or University who wish to complete part of their academic work here on our campus.

Advantages of this program for you include getting to know other kinds of students and another sort of faculty. You gain the opportunity to see yourself, your education and your future plans in a new perspective while living in a different part of the state and experiencing the special qualities of urban, suburban or rural environments.

The program permits academic interchange among a remarkably diverse group of schools. Some are large; some small. Some stress the liberal arts; others offer specialized studies as well. And some concentrate on professional preparation in such specific fields as computer technology, music, and films. Collectively they represent an extraordinarily rich educational resource.

If you are interested in studying for a limited time at another school in a different setting, you should consult the Assistant Dean of the College of Liberal Arts.

Students enrolled at other participating schools who wish to study temporarily at Alfred University should apply to the Dean of Admissions.





BUSINESSMEN'S FORUM—Speakers at the 25th annual Businessmen's Seminar at Alfred University Tuesday night included (from left) Savo D. Jevremovic, economics professor and seminar director, Dr. Robert Hunter, business law

Business leaders address seminar

By GERI WELCH
ALFRED—Four Alfred University business specialists, including Dr. M. Richard Rose, shared views on the economy and what should be done about it Wednesday night at the 25th annual Alfred University Businessmen's Seminar. The forum is sponsored by the School of Business Administration, Special Assistant Professor Henry Langer, director of the seminar for its first 24 years. He is now retired from the university.

COMING N. Y. LEADER MAR 13 1975

Area's Economic Slippage Runs Below

ALFRED—The results of an area economic survey released Wednesday night by Alfred University's School of Business Administration showed that consumers in Allegany and Steuben Counties were buying less and also that local businessmen foresaw scant relief from the current recession through the end of this year.

The analysis of survey questionnaires by Savo D. Jevremovic, associate professor of economics at Alfred and director of the Businessmen's Seminar, said that the "most worrisome" statistic he had uncovered was that "38 per cent of respondents expect to see their sales continue to decline in 1975." He noted that area business purchases by consumers as well as a rise in the consumer's "deteriorating economic status."

Jevremovic said also that 83 per cent of businessmen queried had reported higher profit for 1974, a figure surpassed only once before in the year history of the Alfred-area economic survey. He concluded, however, that inflation contributed a large measure to the higher dollar profits. "Very few of the same businessmen expect to see profits grow in 1975—only 25 per cent, the lowest proportion in the year history of the survey."

At the same time, a companion report issued by the Hornell office of the New York State Employment Service showed an increase in area jobless in 1974, with an additional increase predicted for the first four months of 1975.

Speaking at the seminar was Dr. Newton Y. Robinson, professor of economics at Alfred, who said that although the nation should fall deeper into the recession in 1975, there are two pieces of good news. First, is that the rate of inflation is likely to decline in 1975, perhaps by as much as 60 per cent. Second, he said there is no reason to expect the recession will turn into a depression.

The professor, who is critical of government inaction, said increasing inventories by industry is a sign that there will not be an upturn in production soon. However, Robinson did not have information about the inventory situation at area manufacturing

instructor, Dr. M. Richard Rose, Alfred University president and professor of management, Dr. Ernest Enke, C.P.A. and business administration professor, and Dr. Newton Robinson, economics professor. (Reported by the Evening Tribune, Hornell, N.Y., Thursday, March 13, 1975—Page 3)

Alfred Economic Survey Shows Area Consumers Buying Less

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Alfred Survey Shows Business Future Bleak

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Regional new

SCHOOL OF BUSINESS AND ADMINISTRATION

FACULTY

Wilford G. Miles, Jr.,—Dean

Professors

Crandall—Business Administration
Robinson—Economics and Business Administration
Rose—Business Administration

Associate Professors

Enke—Business Administration
Jevremovic—Economics
Miles—Business Administration

Assistant Professors

Biggs—Business Administration
Johnson—Business Administration
McConnel—Economics
Robana—Business Administration

Instructors

Euske—Business Administration
Hutter—Business Administration

Lecturers

Hannan—Business Administration
Wiles—Business Administration

BUSINESS ADMINISTRATION

The School of Business and Administration was established as a separate School in 1972. The School evolved from the Department of Economics and Business in the College of Liberal Arts. The faculty of the School provides instruction leading to degrees in four different academic areas. Within the School, Bachelor of Science degrees in Business Administration, Health Administration, and Public Administration are offered. The faculty also provides work in Economics which leads to a Bachelor of Arts degree awarded by the College of Liberal Arts. The School is a member of the Middle Atlantic Association of Colleges of Business Administration and has a chapter of the Delta Mu Delta national honor society.

ADMISSION REQUIREMENTS

Admission requirements for the School of Business and Administration are generally the same as those that apply to the other academic units in Alfred University and are spelled out in the Admission section of the catalog. If you apply as a transfer after earning an A.A. or equivalent degree from an institution with a two-year program approved by the faculty of the School of Business and Administration, you will be accepted as a Junior. To graduate you will be required to complete 60 additional credit hours, of which at least half must be courses offered in the School of Business and Administration, and satisfy the physical education requirement. You may receive additional credit for academic work taken at other four-year institutions. Approval of academic credits you submit as a transfer applicant, is a prerogative of the School and will be based on an evaluation of the curriculum you completed.

OBJECTIVES

In the School of Business and Administration you will receive professional preparation for managerial and administrative positions in private, profit-seeking enterprise, government, health facilities, and other not-for-profit organizations. The program stresses

managerial and administrative concepts and techniques which prepare you to function effectively in a wide variety of organizations. The advanced work offered allows you to strengthen your background in areas of particular interest.

The program teaches you theoretical, analytical, and practical concepts and skills which are relevant for current management problems and provide a sound base for adapting to the changing environment of the late 1970's and the 1980's. To this end majors have been developed in accounting, business economics, finance, management, and marketing in addition to the Bachelor of Science degrees in Health Administration and Public Administration.

In offering these varied programs, the School provides you with a sound liberal-professional education suitable for a variety of post-graduation objectives ranging from immediate entry into the job market to continuation of studies in graduate school. (Note: If you plan to pursue graduate study you should check with your adviser to ensure that specific requirements for graduate study are met. Many good graduate schools now require one or two semesters of calculus.)

PROGRAM

In order to meet the graduation requirements you must take 120 semester credit hours or the equivalent including acceptable transfer credit but excluding the physical education requirement. Of the 120 hour total, you must take at least 60 semester credit hours but no more than 72 semester credit hours in the School of Business and Administration.

An important feature of the program is the freedom of choice it gives you. This is achieved by holding the required courses to the minimum necessary to provide a sound professional base.

The courses you are required to take and the year in which you should take them are shown in the following section:

Among recent graduates are a customer service manager, high school math teacher, assistant manager of a retail chain store, bank accountant, wine sales specialist, employees of newspaper advertising and circulation departments, an official of the state labor department, executive vice-president of a marketing firm, a state tax examiner, and a public accountant.

REQUIREMENTS FOR ALL DEGREES OFFERED BY THE SCHOOL OF BUSINESS AND ADMINISTRATION

Professional Core

ACC 215	Financial Accounting I	}	Freshman*/Sophomore
ACC 216	Managerial Accounting I		
BUS 251	Quantitative Methods I	}	Sophomore/Junior
BUS 252	Quantitative Methods II		
BUS 241	Business Law I	}	Freshman/Sophomore
MGT 330	Principles of Management		
	Senior Seminar		Junior
			Senior
MGT 352	Behavioral Science and	}	Junior/Senior
	Organizational Performance		
	or		
PSY 340	Social Psychology		

*Those planning to major in Accounting should take Principles of Accounting during their freshman year.

Liberal Arts Core

ECO 211	Principles of Economics I	}	Freshman/Sophomore
ECO 212	Principles of Economics II		
MAT 109	Fundamentals of Mathematics	}	Freshman
MAT 111	Elementary Probability		
MAT 112	Elementary Statistics	}	Freshman/Sophomore
	A Computer Course		

Additional requirements for all degrees

- Four additional semester credit hours in economics courses numbered above 300.
- If you test below a minimum standard in composition, you must successfully complete a four semester hour course in composition.
- Satisfy the University's Physical Education Requirement.
- Maintain at least a 2.0 grade point average both overall and in courses presented to satisfy professional requirements. Not more than one D in professional courses can be counted toward graduation.
- Complete a minimum of four semester hours in four of the five General Education Areas.
- Complete a sub-major of at least 12 semester hours in some area of concentration outside of offerings of the School. If you elect a sub-major in Economics, you must complete at least six credit hours numbered 300 or above beyond requirements of the School.

DEGREE PROGRAMS

B.S. in Business Administration

You must complete the preceding Professional and Liberal Arts core requirements, and additional requirements a-f as well as the following Business Core courses to earn the B.S. degree in Business Administration.

Business Core

ENG 446	Technical Writing	Sophomore
MKT 321	Principles of Marketing	Junior
BUS 499	Business Policy	Senior

Majors within Business Administration

To receive the B.S. degree in Business Administration with a specific major, you must also complete the previously listed requirements plus the requirements for the specific major you select from the following:

Accounting

ACC 361	Financial Accounting II
ACC 400	Financial Accounting III
ACC 401	Applications of Advanced Accounting Principles
ACC 371	Cost Accounting
ACC 402	Tax Accounting
ACC 441	Auditing Theory and Practice

The accounting major is directed toward preparing you to sit for the CPA examination. Our accounting program is registered with the New York State Board of Certified Public Accountant Examiners. Because the course requirements for sitting for the examination are set by state law, the accounting major is the most rigorously structured of the School's curricula. If you plan to be an accounting major you are urged to consult with your adviser

early so as to avoid possible complications. Although the accounting major is designed to prepare you for work in the public accounting profession as a CPA, it also will prepare you for a wide variety of positions in industry and government.

Business Economics

ECO 331	Money, Income, Prices and Employment
ECO 332	Macroeconomic Analysis or ECO 333 Business Fluctuations
ECO 391	Microeconomic Analysis or ECO 350 Managerial Economics
ECO 357	Introduction to International Business and Economics
ECO 358	International Economics
ECO 462	Seminar in Economics or FIN 461 Seminar in Finance (May also be used to fulfill the Professional Core Seminar Require- ment)

The major provides you with a particularly good background for work in the fields of Banking, Finance, and other areas where a good grounding in Economics is desirable. The combination of Economics and Business Administration it provides is also appropriate for entry into a variety of Civil Service positions with federal, State and local governmental units.

Finance

ECO 350	Managerial Economics
FIN 350	Capital Budgeting or FIN 452 Mergers, Acquisitions and Corporate Growth
ECO 330	The Money and Banking System
FIN 353	Financial Markets
FIN 461	Finance Seminar

The finance major is designed to prepare you for professional positions in a wide variety of financial institutions and to provide a good foundation if you should choose to pursue graduate study.

Management

MGT 372	Personnel Administration
CES 474	Plant Layout Analysis I
CES 475	Plant Layout Analysis II
MGT 457	Seminar in Management
Plus	(one course chosen in consultation with your adviser)

The management major provides training in the recognition of problems which face managers and problem solving approaches. Three emphases are available to you: (1) a personnel emphasis which deals with human problems faced by organizations, (2) an operations emphasis, which deals with quantitative models as applied to business problems; and (3) an international business emphasis, which deals with the international economic environment and the multi-national firm.

Marketing

12 semester credit hours of marketing including:

MKT 355	Marketing Management
MKT 456	Seminar in Marketing

Marketing has consistently grown in stature and is now one of the major areas of management. The program will acquaint you with marketing channels and strategies, physical distribution, costing and pricing, the relation of marketing to other management areas, and analysis of specific business situations.

B.S. IN PUBLIC ADMINISTRATION

This degree is provided on a cooperative basis by the School of Business and Administration and the Sociology and Political Science faculties of the College of Liberal Arts. The program prepares you to occupy administrative positions in government agencies at all levels—federal, state, and local. During the senior year seminar, you will explore in detail significant topics in Public Administration.

The following courses are required in addition to the Professional and Liberal Arts Cores and requirements a-f:

ACC 368	Accounting for Not-for-Profit Organizations
POL 210	Introduction to American Politics
POL 220	Political Analysis
POL 212	American State Governments and Politics
POL 313	American Urban Politics
POL 411	Bureaucracy
POL 312	Public Budgeting
SOC 110	Introduction to Sociology
SOC 244	Complex Organizations
ECO 365	Public Finance

B.S. IN HEALTH ADMINISTRATION

This degree program is presented cooperatively by faculties of the School of Business and Administration and the College of Nursing and Health Care to prepare students for management positions in the rapidly growing health care industry including hospitals, nursing homes, and extended care facilities. During the junior year, internships in health care facilities are provided so that you have an opportunity to learn about the field from first hand experience. Most internees will function as "assistants" to responsible administrators in area health care facilities. During the senior year you will participate in a Seminar in Health Care Administration in which the problems and opportunities identified during the internship are discussed.

The following courses are required in addition to the Professional and Liberal Arts Cores and requirements a-f:

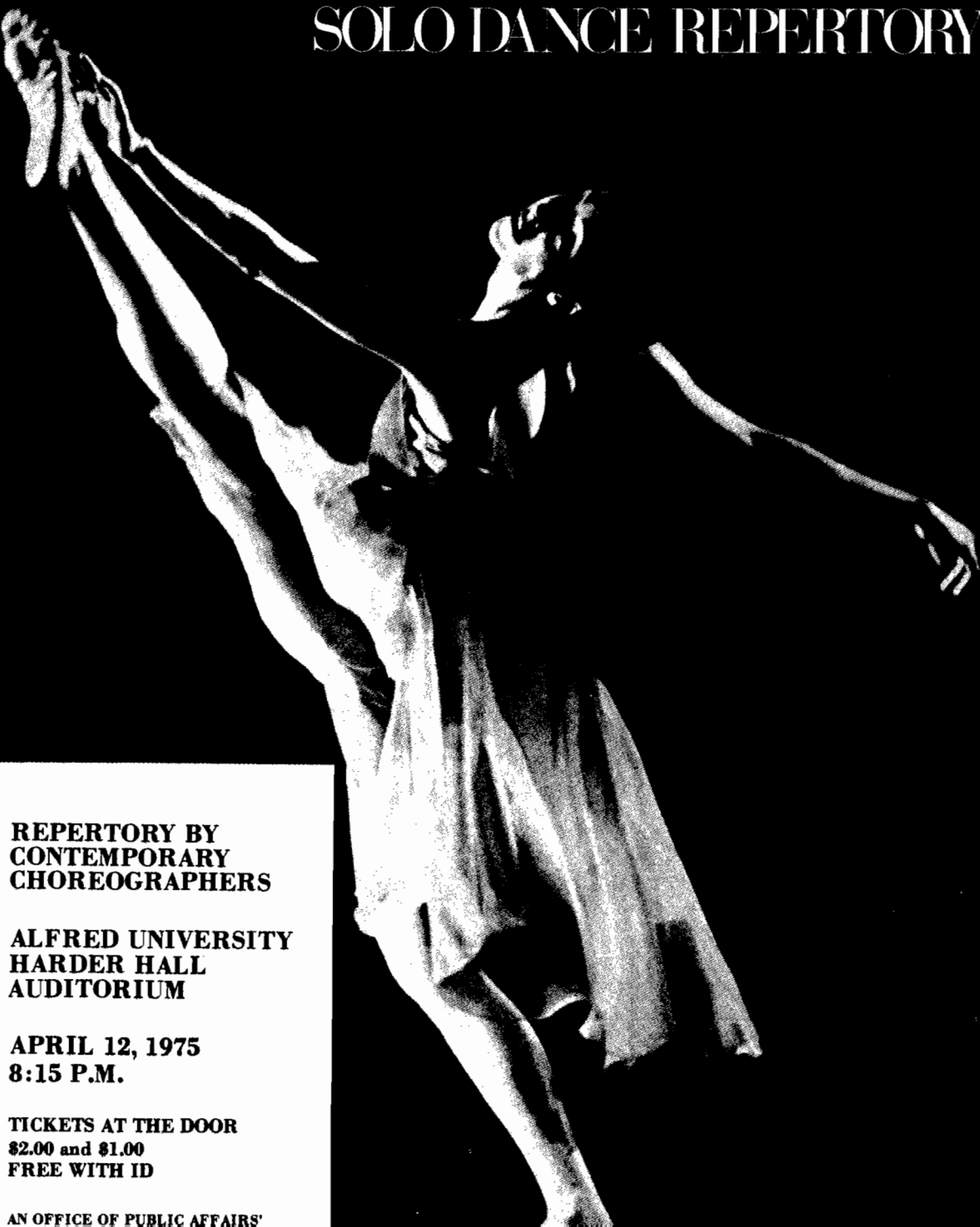
MGT 372	Personnel Administration
NUR 100	Orientation to Health Care
CH 110	Nutrition
NUR 462	Current Trends in Health Care
NUR 470	Community Health Education
450	Internship
	Seminar in Health Care Administration
ACC 368	Accounting for Not-for-Profit Organizations
PSY 210	Introduction to Psychology

ECONOMICS — B.A. DEGREE

Requirements for the B.A. degree in Economics are given in the Liberal Arts section of the catalog.

ZELVA COHEN

SOLO DANCE REPERTORY



**REPERTORY BY
CONTEMPORARY
CHOREOGRAPHERS**

**ALFRED UNIVERSITY
HARDER HALL
AUDITORIUM**

**APRIL 12, 1975
8:15 P.M.**

**TICKETS AT THE DOOR
\$2.00 and \$1.00
FREE WITH ID**

AN OFFICE OF PUBLIC AFFAIRS'

COLLEGE OF NURSING AND HEALTH CARE

FACULTY

Virginia L. Barker, *Dean*

Division of Studies in Rural Nursing
Elizabeth F. Norod—*Chairwoman*

Professors
Barker—Nursing
Norod—Nursing

Assistant Professors
Gertz—Nutrition
Jeffers—Nursing

Instructors
Doerschug—Nursing
DeLong—Nursing
LaVigne—Nursing
Luehman—Nursing
McNeil—Psychiatric Nursing

Lecturer
Salatino—Coronary Care

Division of Studies in Urban Nursing
Joella M. Rand—*Chairwoman*

Assistant Professors
La—Maternity Nursing
Shapley—Community Health Nursing
Spengler—Medical-Surgical Nursing

Instructors
Koval—Medical Surgical Nursing
Leinbach—Pediatric Nursing

ADMINISTRATIVE PERSONNEL—COOPERATING AGENCIES

Eleanor Bly
Director of Nursing Services
Hornell Nursing Home and
Related Health Facility
Sandra Cameron
Supervisor of Nurses
Alfred University Student Health Center
Margaret Connelly, B.S.
Director of Patient Service
Allegany County Public Health Nursing
Service
Elizabeth Cregan
School Nurse Teacher
Lincoln School—Hornell
Colleen DiVincenzo
School Nurse Teacher
Middle School—Hornell
Tess Farley
Medical Nurse Practitioner
Andover Medical Clinic

Patricia Finan
Director of Nursing Service
Jones Memorial Hospital
Sally Florence
School Nurse Teacher
Canisteo Central School
Jean Goings
Director of Nurses
Dansville Memorial Hospital
Katherine C. Neill, B.S., M.S.
Director, Public Health Nursing
County of Monroe, Department of
Health
John Vagell, Jr., M.D.
Director of Health Service and
University Physician
Alfred University Student Health
Center

COLLEGE OF NURSING AND HEALTH CARE

The College of Nursing and Health Care offers a curriculum leading to a Bachelor of Science degree with a major in nursing and prepares the graduate to take the Registered Nurse Licensure examination.

In the College program you develop a sense of commitment to both society and yourself. Through the study of nursing, you develop the ability to practice as a professional nurse at a beginning level. Through the study of liberal arts, you gain an awareness of the problems of society, particularly those which the nurse's special skills may help to alleviate. And it is the total program that lays the foundation for personal philosophy and personal growth that is so important if you are to have increasing capacity to serve.

PROGRAM

You spend the freshman and sophomore years on the campus taking a mixture of nursing and liberal arts courses while developing friendships and sharing viewpoints not only with classmates in nursing but with students who plan to enter a variety of the majors offered by the other units of the University.

The nursing courses during this period emphasize the study of rural health problems. Alfred University is surrounded by a community with health needs typifying the predicament of the rural deprived and the University feels a responsibility to the community from which it evolves. To fulfill this responsibility, the College of Nursing and Health Care is becoming actively involved in the rural community. One tangible evidence of this is the Mobile Health Unit which makes health assessment and health education readily available to county residents. The Unit presents a unique learning experience for students who join Allegany County Public Health Nurses in staffing the facility under the supervision of the College faculty.

You spend your junior year in Rochester in a program of intensive clinical experience utilizing urban health facilities including Rochester State Hospital and the Monroe County Department of Health. While studying the resources available in the metropolitan centers, you may also observe effects of separation that occurs when a member of a family from a rural area must go to an urban area to seek health care.

The program of the senior year is planned to help give perspective to the entire curriculum as well as provide an opportunity for you to select some courses on the basis of special interests and goals. You may use electives to meet the specific requirements for positions in School Nurse Teaching or management of certain health care facilities.

The four-year curriculum requires you to complete 126 semester hours. In addition, you must complete two Allenterm projects and earn the equivalent of 4 credits in Physical Education.

Recent graduates are working in eight states in general hospitals, children's hospitals, a veterans' hospital, medical college hospitals, the army nurse corps, a community health services center, and a public health agency. They are staff nurses in pediatrics, coronary care, intensive care and they are nurse administrators, supervisors, and instructors.

PHILOSOPHY

Alfred University's philosophical ideals are reflected in its concern for you as a student. The University believes that you should have opportunities to participate in study and social life with students, faculty and others from varied educational, religious, political and ethnic backgrounds. The faculty of the College of Nursing and Health Care, as an integral part of Alfred University, accepts and contributes to the fulfillment of these beliefs. It believes, furthermore, that a democratic milieu is essential for engagement in the learning process, that freedom of inquiry is a right and responsibility, and that self-direction is a quality necessary for the full development of your potential.

You are helped to understand yourself and others, so that you may identify and comprehend the needs and behavior of people. You are helped to understand the world in which you and your patients live and the social and cultural forces which influence individuals and groups. Because the roots of nursing lie in the relationship of the individual to his environment, it is necessary for you to understand that relationship before you, as a nurse, can successfully minister to those in need of nursing services.

Nursing is not a static profession, but is affected by economic, sociological and scientific forces. Therefore, you must prepare yourself for the realities of change and prepare yourself to utilize change to improve the practice of nursing. You become self-motivating and self-directing both in practice and in the acquisition of knowledge for the purpose of instituting change.



FAMILY NURSE CURRICULUM MODEL

Freshman Year		Sophomore Year	
Course	Sem. Hrs.	Course	Sem. Hrs.
First Semester		First Semester	
Nursing 100	2	Nursing 200	4
Biology 103	4	Nursing 201	2
		Biology 215	4
Second Semester		Second Semester	
Nursing 101	2	Nursing 202	4
Biology 224	4	Nursing 203	2
Either Semester		Either Semester	
Psychology 210	4	Psychology 260	4
Sociology 110	4	Psychology 340	4
Chemistry 103	4	Anthropology	8
English	4	Philosophy	
Nutrition (CH 110)	2	Religion	
Total	30	Total	32
Junior Year		Senior Year	
Course	Sem. Hrs.	Course	Sem. Hrs.
Either Semester		Either Semester	
Nursing 300	4	Nursing 494	4
Nursing 301	4	Statistics*	4 or 2
Nursing 302	4		
Nursing 303	4	Electives	
Nursing 330	8	Either Semester	
Nursing 336	8	Nursing 450	4 or 2
Total	32	Nursing 462	2
		Nursing 470	2
		Interdisciplinary	16 to 20
		Required Total	32

*Statistics course in Education, Psychology, Sociology or Mathematics can be taken to meet this requirement.

You must also meet the Physical Education requirement for graduation and are responsible for planning your schedule to meet that requirement.

Total semester hours required in Nursing major: 52
 Additional semester hours: 74

Total semester hours required in curriculum 126

Note: A grade of "C" or better is required for all nursing courses before continuing into another nursing course.

In addition to the total course requirements of the Curriculum in Nursing, the student must successfully meet the Allentown requirement. Courses in military science may be taken by both men and women as electives.

COLLEGE OF NURSING AND HEALTH CARE DIVISIONS

Division of Studies in Alfred: Emphasizes the delivery of health care in small town or rural areas. You have the opportunity to care for both sick and well adults and children in a variety of clinical situations.

Division of Studies in Rochester: Provides professional study designed to help you acquire the skill and knowledge needed to help adults and children with health problems found in the metropolitan area.

Division of Studies in Elmira/Corning: This constitutes the extension, or continuing education, division established by the College to serve the profession by enabling current practitioners in the Elmira/Corning area to upgrade their qualifications. The division provides the opportunity for graduates of two and three-year nursing programs to pursue baccalaureate preparation with an upper division nursing major. The College will accept the transfer of credit from a variety of post-secondary educational institutions. Requests for information or individual program-planning should be made to the Admissions Office, Alfred University.

ABSENCE AND ILLNESS

If you miss a part of your experience for any reason you are expected to show evidence of having mastered the material which you missed during your absence. This regulation includes appropriate clinical experience as well as classwork. The faculty is responsible for determining your needs and for helping you to make suitable plans to meet these needs.

MEDICAL CARE

The maintenance of good health is essential. You are required to have an annual medical examination, including X-rays and tuberculin test.

Minor illnesses occurring during the periods on campus are cared for in the University Health Center. In the event of serious illness, accident, or operation necessitating hospitalization, expenses must be met by you and your family. You are required to carry appropriate hospitalization insurance throughout the college course.

IMMUNIZATIONS: Prior to admission as a student in nursing you must be immunized against smallpox, poliomyelitis, tetanus, diphtheria, and typhoid fever, and must be tuberculin tested. Certificates on University forms verifying these immunizations must be supplied before entrance.



THE AVANT-GARDE IN THEATRE AND ART: FRENCH PLAYBILLS OF THE 1890s

FOSDICK-NELSON GALLERY

NEW YORK STATE COLLEGE OF CERAMICS

The New York State College of Ceramics, a unit of State University of New York and an integral part of Alfred University, is a unique institution. Its uniqueness lies in its objectives, its organization, and, more particularly, in the breadth of its offerings and the depth of its treatment of subject matter.

Established in 1900 for the purpose of advancing the art and science of ceramics, the College has maintained leadership in the field of ceramic education since that time. Leadership has been maintained through the teaching and scholarly activities of its faculty, through an awareness of developments taking place in ceramics and in ceramic education, and through continuous development of its physical plant as well as of its teaching-research equipment.

The College has, since its beginning, offered programs leading to the Bachelor's degree in Ceramic Engineering, Ceramic Science, and Ceramic Art. The program leading to the Bachelor of Science degree in Glass Science was initiated in 1932.

The first Master's degree in Design was conferred in 1932; the first Master of Science degree, in 1933; and the first Ph.D. degree, in 1958.

The enrollment has increased from 17 in 1900 to 550 at the beginning of 1974-75 school year. The present student body is composed of students coming from 53 counties in New York State, from 22 other states, and from 7 foreign countries. While the majority of students are working toward the Bachelor's degree, 65 are graduate students seeking advanced degrees. Of the graduate students, 18 are working toward the Ph.D. degree.

BUILDINGS AND EQUIPMENT

The newest addition to facilities of the College of Ceramics is a \$5 million library-fine arts building completed in 1973 and dedicated as Charles Harder Hall.

The structure includes a four-story section housing the Scholes Library of Ceramics, the 445-seat Holmes auditorium, and the Fosdick-Nelson gallery for the showing of student and faculty works as well as for touring exhibitions.

Harder Hall also provides faculty offices and facilities for the Division of Art and Design. Studios for student drawing, painting, sculpturing, photography print making, and pottery production range around three sides of the central courtyard where a massive circular room is equipped with numerous kilns for firing clay ware.

The Division of Engineering and Science is housed in the three-story John F. McMahon Engineering Building which provides approximately 56,000 square feet of space for laboratories, classrooms and offices. Sharing this structure are Military Science and the Alfred University Computer Center.

The Computer Center is equipped with an XDS Sigma 5 Time-sharing computer and represents a significant part of the teaching and research facilities. It provides for research activity and computing instruction in conjunction with the engineering, scientific, and technological courses.

Other functions of the center include aiding in student registration procedures, keeping student records, grading and evaluating student exams, and handling accounting procedures. Remote terminals placed in various locations throughout the campus provide a means of direct communication between students and the computer 24 hours a day.

Binns-Merrill Hall houses activities and faculty of both academic divisions of the College of Ceramics as well as certain supporting facilities. This building, completed in 1953, contains laboratories for processing and testing ceramic and glass products, X-ray, petrography and mineralogy laboratories, chemistry laboratories, lecture rooms, laboratories for research and development and a two-story room used as a foundry and art glass blowing facility.

The College, in its three major buildings, is equipped with the finest and most complete facilities for ceramic education anywhere in the world. The ceramic laboratories are equipped with apparatus and machinery needed for raw material processing, glass making, batch mixing, batch preparation, spectroscopy, electron microscopy, X-rays, and mass spectrometry. An additional building provides air-conditioned laboratory facilities for an electronics shop and complete machine shop which provide valuable supporting service for the teaching and research programs.

Some of the research which is under the direction of the College staff is housed in buildings owned by Alfred University.

COLLEGE OF CERAMICS LIBRARY

A highly important facility of The College is the Scholes Library, a ceramics reference library, located in Charles Harder Hall. Under the guidance of librarians, the students find here a wealth of published material relating to all phases of ceramic engineering, science, art, and design, as well as to related sciences. The library is open six and one-half days and six evenings each week. A special feature of the facility is the Van Schoick Reading Lounge.

The four-story Scholes Library contains approximately 48,000 bound volumes of art and technical books and in addition the library has some 11,000 unbound bulletins, reprints, pamphlets, and student theses. The serial collection includes 1,300 periodicals and 465 other serials. A collection of 40,000 photographic slides also is available for activities of the Division of Art and Design.

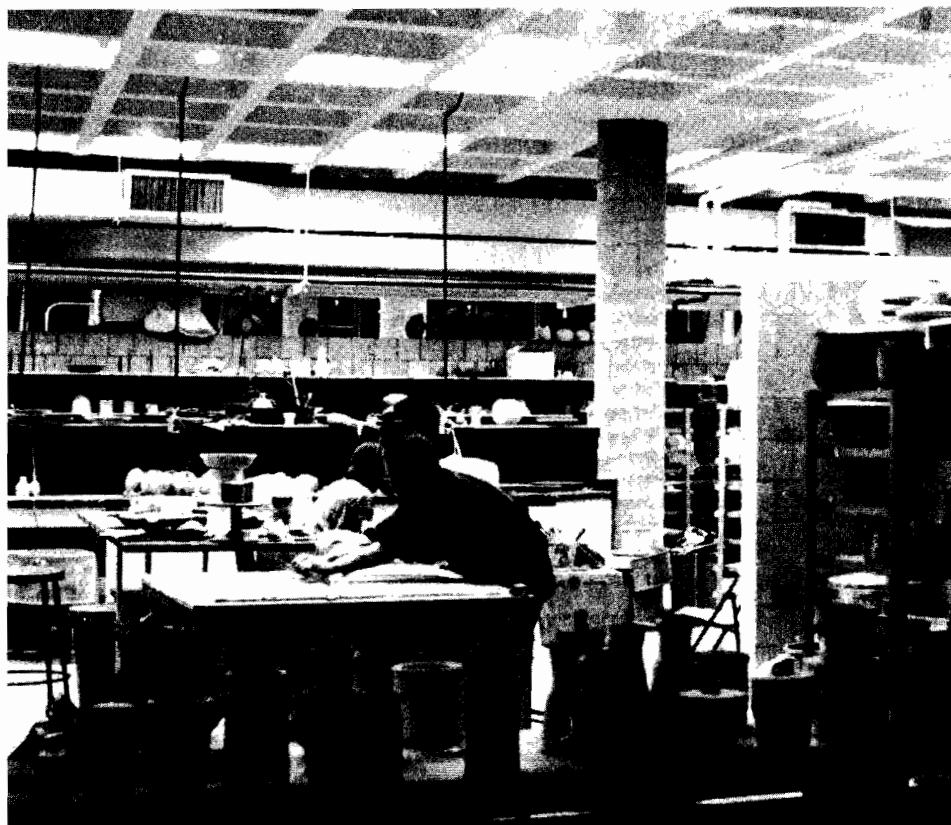
A PROFESSIONAL EDUCATION IN CERAMICS

You live in an exciting and challenging age. Although it is often referred to as the atomic or space age, it is also considered to be the age of ceramics. Future scientific and technological advances will depend upon progress in the ceramic field. Ceramic products are the most heat resistant, most durable, and hardest products available to man. Research in these materials has resulted in the development of products having unique electrical, light transmitting, and corrosion resistant properties. An education in ceramics prepares you for a career in a field that presents many challenges and for a life of rewarding experiences. In pursuing an education in ceramics, you will be involved with scientifically oriented studies as in engineering or science or in aesthetically oriented studies as in ceramic art.

As an undergraduate in the College of Ceramics, you will follow a curriculum structured to provide a strong fundamental base and a broad education in the humanities as well as a concentration in ceramics. This academic combination is provided because the College faculty believe it is essential if you are to fully realize your potential professionally, personally, and as a citizen meeting appropriate responsibilities in the community.

You may end your formal education upon receiving the baccalaureate degree, or you may go on to graduate school. The programs offered by the College will prepare you to reach the goals you have chosen.

The College offers courses leading to the bachelor of Science degree in Ceramic Engineering, Ceramic Science, Glass Science and the Bachelor of Fine Arts degree in Art.



UNDERGRADUATE AND GRADUATE RESEARCH

Studies at the College are carried on in an atmosphere of research, and you are required to conduct a special study project during your senior year. You may undertake the study project either individually or with a small group and in some instances in close cooperation with a participating industrial concern or trade organization.

If you desire more than the required experience in research you will have unsurpassed opportunities to gain this experience. Faculty members and graduate students, all of whom are involved in some research, are anxious to have the eager, capable students consult with them, and, on many occasions, work with them.

Members of the Teaching Staff of the College work closely and cooperatively with undergraduate students, graduate students, and with other members of the faculty. They carry on original research, each in various areas of specialization, supervise undergraduate and research theses, and direct sponsored projects.

Research is sponsored by government agencies, by industrial concerns, by organizations, by foundations, by the State of New York, and by the College. Monies received through these grants go to support the educational programs of students. Many undergraduate and graduate students work on sponsored projects, gaining experience as well as financial assistance.

Among the government agencies sponsoring research are the Department of Health, Education, and Welfare, and the National Science Foundation. Programs may also have implications for the utilization of new ceramic materials in biomedical application or environmental improvement or pertain to improvements in the processing and properties of the well-known ceramics.

A considerable amount of research is being done at the College in processing, the method by which a superior ceramic product is produced. Ceramic and composite dental implants are being studied and an expertise has been developed in fracture analysis. A special roller hearth furnace has permitted studies of combustion economy and fast firing.

Research being conducted under sponsorship of private industry includes a study of high temperature fibers, temporary binders for silicon carbide and the sintering of silicon carbide. One large project has as its objective the improvement of large transmission insulators.

The Ceramic College is fortunate in having the close cooperation of the Ceramic Association of New York. The Research Committee of this organization acts in an advisory capacity to members of the faculty, and their recommendations contribute greatly to the organization and planning of the research program. Through the Ceramic Association of New York, staff members are able to obtain the advice of the leading ceramic industrialists of New York as well as the active support of their companies.

The demand for persons trained in research methods and the research attitude as well as in a forward-looking, developmental atmosphere is increasing. The College of Ceramics plans on continuing to contribute materially to this extremely important phase of education.

Support of the research program by the Federal and State governments and by industry makes possible the granting of support to selected undergraduate and graduate students in their thesis work. Some of these fellowships are held by seniors and graduate students on a part-time basis, whereas others are held by full-time research associates. Stipends are commensurate with the experience and ability of the holders and with the time that is devoted to the project under study. Full-time research associates are permitted to take a maximum of three full graduate courses per year.

NEW YORK STATE COLLEGE OF CERAMICS FACULTY

Willis G. Lawrence, *Dean*
Mario Prisco, *Assistant Dean*

Academic Divisions

ART AND DESIGN

Professor Robert C. TURNER, *Chairman*

Concentrations

Painting
Glass
Graphics
Printmaking
Design
Ceramics
Photography
Art Education
Sculpture

Professors

Cushing - Ceramic Art
Parry - Sculpture and Ceramics
Prisco - Ceramic Art
Randall - Sculpture and Ceramics
Turner - Ceramic Art
Wood - Graphics

Associate Professors

Billeci - Glass Design
Higby - Ceramic Art
Higgins - Ceramic Design

Assistant Professors

Aborjaily - Painting
Brady - Graphics
Calos - Art History
Davidson - Painting
Hilton - Glass Design
Kavesh - Art History
Lacagnina - Design
Mikolas - Glass Design
Oscherwitz - Painting and Drawing
Snodgrass - Painting
Stanton - Photo-graphics
W. Underhill - Sculpture and Design
Zweygardt - Sculpture
Exchange Professor, Salter - Design
Lecturers, L. Underhill - Photography

ENGINEERING AND SCIENCE

Dr. Philip H. CRAYTON, *Chairman*

Majors or Disciplines

Ceramic Science
Ceramic Engineering
Glass Science

Professors

Brownell - Ceramic Science
Crayton - Chemistry
Frechette - Ceramic Science
Lawrence - Ceramic Engineering
E. Mueller - Ceramics
Rossington - Physical Chemistry
Tuttle - Ceramic Engineering
West - Ceramic Engineering

Associate Professors

Burdick - Ceramic Engineering
Condrate - Spectroscopy
Monroe - Ceramic Science
Pye - Glass Science
Rase - Ceramic Science
Reed - Ceramic Engineering
Tinklepaugh - Ceramic Engineering

Assistant Professors

Earl - Ceramic Engineering
Funk - Ceramic Engineering
LaCourse - Glass Science
Lewis - Engineering Mechanics
Martin - Physics
Snyder - Ceramic Science
Stevens - Glass Science

Instructors

Borst - Computer Operations

DIVISION OF ART AND DESIGN

The Bachelor of Fine Arts degree program has two main objectives: to build a general education with specialization in art through broad studio experience in various art media and to prepare the talented student for graduate work in the various art and design programs offered by graduate schools throughout the country and abroad.

Your studies will begin in a foundation program which includes lecture courses in art history, and in the liberal arts together with studio study in a synthesis of two- and three-dimensional media. The foundation art studies cover a broad range of media and materials and are taught by two teams of faculty who comprise more than two-thirds of the art staff. This period provides experiences essential to your need to understand your personal orientations and develop your visual capabilities. A comprehensive review of foundation work is required as qualification for major study during the junior and senior years.

Major study is sufficiently flexible to accommodate a range of individual objectives. You may concentrate during the junior and senior years on one of a number of art media including: painting, sculpture, print-making, photography, design, ceramics, or glass. As another option you may prepare for teacher certification in the field of art. In the upper division, offerings are also varied enough to permit you to follow a more generalized studio program, allowing for the development of interests in theater, music, art history, science and the humanities. As a senior B.F.A. degree candidate, you will present a Senior Exhibition of your work.

Admission to the B.F.A. degree program is restricted with preference being given to applicants who show exceptional ability in art and design. Consideration will always be given to those applicants with unusual backgrounds or preparation.

If you are qualified for advanced study in ceramic art or glass, you may be offered a two-year residence program leading to the Master of Fine Arts degree. This program provides for a concentrated development of ceramics in its historical, technical and aesthetic dimensions. Its objectives are to help the talented prepare for a way of life in the ceramic arts, a professional career in design, or for college-level responsibilities as artist-teacher in the ceramic disciplines.

The College retains the right to keep any work produced by you as a part of your academic requirements. However, this right is exercised in the case of only a few works, usually those which are held for study, later exhibition, or for the permanent college collection.

All work must be presented for evaluation. Those items which have been evaluated and which are not retained by the College become the property of the student.

Among recent graduates are an assistant gallery director at MIT, photographers, art teachers, pottery owners, a graphic artist with a Swiss firm, a self-employed silversmith, offset press operator, and director of adult art classes for the public schools of Flint, Mich.

DEGREE REQUIREMENTS

124 semester hours, 2 Allenters, Physical Education Requirement

FOUNDATION PROGRAM

Semester	1	2	3	4
Studios	ART 101	ART 102	ART 201	ART 202
Art History	ART 171	ART 172	ART 271	ART 272
Liberal Arts	4 Sem. Hrs.	4 Sem. Hrs.	4 Sem. Hrs.	4 Sem. Hrs.

MAJOR STUDIES PROGRAM

Semester	5	6	7	8
Studios	8 Sem. Hrs.	8 Sem. Hrs.	8 Sem. Hrs.	8 Sem. Hrs.
Liberal Arts	4 Sem. Hrs.	4 Sem. Hrs.	4 Sem. Hrs.	4 Sem. Hrs.
Electives	4 Sem. Hrs.	4 Sem. Hrs.	4 Sem. Hrs.	4 Sem. Hrs.

DIVISION OF ENGINEERING AND SCIENCE

You may earn a degree in either Ceramic Engineering, Ceramic Science, or Glass Science through courses offered by the Division of Engineering and Science of the College of Ceramics. But you don't need to make this choice until you consult with your adviser to begin planning your junior year of study.

As an entering freshman, therefore, you will begin two years of course work which is essentially the same for all members of your class. It is during the junior and senior years that you will shape your studies according to your interests, and career objectives, aiming for the particular degree you want. This planning involves choosing different packages of technical electives.

All three degree programs are designed to make it easy and efficient for students to enter as transfers from two-year programs at community colleges or agricultural and technical colleges. You can enter one of these degree programs with the class rank of junior if you have earned an Associate in Science degree from a two-year institution. However, you may have to take some required courses which were not offered at your previous school and as a result may not complete work for your baccalaureate degree in two years. If you have not yet earned an Associate degree, you may be accepted as a transfer if you are in good academic standing at the previous institution. You will receive credit granted for equivalent courses in which you earned a grade of "C" or higher.

A special attraction of these programs is the opportunity to spend a semester or the junior year abroad studying technical aspects of ceramics. You may obtain detailed information about foreign study programs through the office of the Dean of the College of Ceramics. Among institutions you may attend overseas are: The University of Madrid in Madrid, Spain; The University of Erlangen-Nurnberg in Erlangen, Germany; Technical University of Clausthal in Clausthal-Zellerfeld, Germany.

ENGINEERING

You must be prepared in science and technology as well as in the humanities to be a professional engineer. You will not only carry out assignments, you will also design and create, always guided by the absolute necessity of exercising sound judgment with regard to safeguarding of life, health and property and to economic factors. That involves both expert technical knowledge and the ability to communicate effectively with colleagues and the public at large.

You will have opportunities for employment in a great variety of industries producing products ranging from TV components and bricks to exotic materials important to space exploration. Within a given industry you may have an opportunity to choose between production, research and development, and sales.

After earning this degree, you are eligible to take the Engineer-in-Training examination as well as the final examination required for the Professional Engineer's License.

CERAMIC SCIENCE

You may choose the ceramic science program if you are particularly interested in a career concentrated on research and development or plan to attend graduate school. The curriculum also includes humanities courses but involves more extensive study of chemistry, physics and mathematics than the engineering program plus special courses in ceramic science.

You may prefer the ceramic science program if you would describe yourself as having an imaginative, curious mind with a desire for a career that lets you concentrate on developing new concepts, new processes and new products. This curriculum offers preparation for graduate school or industrial work stressing research and development.

DUAL DEGREE

You can earn two degrees in four years by completing the Ceramic Science program and an additional eight semester hours of humanities electives in accordance with the requirements listed in the section on elective structuring which follows the curriculum outlines. Both the Bachelor of Arts degree in a traditional science and the Bachelor of Science degree in Ceramic Science are earned under this program.

You will be well equipped, upon completing either the Dual Degree or Ceramic Science curriculum, to take a position in industry concerned with such work as innovative compositions, processes, and products for jet engines, for nuclear reactors, for electronics, for outer space vehicles as well as for products to help people around the world to cope with increasingly critical problems of environmental preservation.

GLASS SCIENCE

The program leading to the B.S. degree in Glass Science prepares you for positions in the ever expanding glass industry. You will learn about the versatility and dependability of this material, an amorphous solid suitable for electronic, container, textile, coating, optical, architectural, aerospace, and hydrospace applications. The highly varied glass industry has need for well-educated graduates to fill positions in production, sales and research.

The curriculum in glass science includes the basic courses in mathematics, chemistry, physics, and ceramics and in the last two years specializes in courses pertaining to glass. You will find sufficient flexibility in the program to let you choose courses emphasizing "engineering" aspects of glass production or the technical or scientific phases of amorphous, inorganic materials. If you are planning graduate study, the program provides the opportunity for additional mathematics, science, and foreign language courses.

GRADUATES

Recent graduates of these engineering and science programs are employed by firms in 10 states, Canada, Mexico and Bangladesh. They are variously classed as engineers with responsibility for development, operations, projects, kiln, staff, research, production, quality control, and process. Others have titles as senior technical aide, supervisor of process engineering, assistant department head, assistant plant superintendent, foreman of melting section, glass technician, and field sales engineer. One woman recently graduated was hired by Western Electric as a research engineer and sent to Stanford University for graduate study in materials science. Another is a research engineer with Norton Company.



CERAMIC PRODUCTS

"Ceramics" is derived from the Greek work "Keramos," which means "fired earth". Since the beginning of recorded time, man has made and used ceramic products. He began by utilizing naturally occurring clays and has come to use refined clays and every nonmetallic inorganic mineral found in the earth.

Ceramics involves the products of past civilizations, the products of the present age of science, and products for the space age. Ceramics is concerned with science (the searching out of new concepts), with technology (the application of science to new products), with engineering (the manufacture and utilization of products for the benefit and advancement of man), and with design (the culture of man). Because its products are practically indestructible, they stand as the markers of man's accomplishments through the ages.

Research is an important element of each of the several aspects of ceramics. Through research efforts, the ceramist is obtaining new and refined products with which to make life more pleasant and scientifically important products with which to advance the boundaries of knowledge.

As a ceramics graduate your career will be related to development of new and better:

- a. Portland Cement for:** faster and better road building, high temperature applications, use in contact with chemically active materials, better concrete structures.
- b. Refractories to:** withstand ever-increasing temperatures, overcome reaction with melts of new metals and alloys, resist more effectively the corrosive action of molten glass, withstand severe heat shock, help make better jet engines and rockets, stand up under heavy loads at high temperatures, be suitable for use in atomic energy applications.
- c. Specific Products for:** textile, metal polishing, electronics, oil, printing, atomic energy applications.
- d. Electronic ceramics for:** radar equipment, radio equipment, computers, calculating machines, television equipment, ultra-high frequency application, electronic devices of all kinds.
- e. Glasses for:** new optical systems, reflecting signs and markers, television applications, structural uses, electrical light fixtures, heating elements, utensils.
- f. Enamels for:** use in jet engines, chemical engineering equipment, new household appliances, new jewelry applications, architectural applications.
- g. Nuclear Fuels for:** nuclear power reactors.
- h. Ceramics for:** space vehicles.

DEGREE REQUIREMENTS

Ceramic Engineering, Ceramic Science, Glass Science

The basic program of studies for these degrees is essentially the same. The degree earned is determined by the choice of technical electives as worked out with your faculty adviser.

To graduate you must complete 136 semester hours, 2 Allentems, and the University's Physical Education Requirement.

CURRICULA:

Common First Two Years Freshman Year

Semester 1		Semester 2	
Subject	Course Credit	Subject	Course Credit
English Comp. or Humanities	4 hrs.	PHY 131 & 132 Mechanics ...	4 hrs.
MAT 119 Calculus I	4 hrs.	MAT 120 Calculus II	4 hrs.
CH 107 General Chem.	4 hrs.	CH 108 General Chem.	4 hrs.
CES 101 Ceram. Lab I	2 hrs.	CES 102 Ceram. Lab II	2 hrs.
CES 171 Seminar I	0	CES 172 Seminar II	0
CES 201 Engr. Graphics	2 hrs.	Humanities	4 hrs.
CES 209 Computer	2 hrs.		
Course Total	18 hrs.	Course Total	18 hrs.

Sophomore Year

Semester 3		Semester 4	
Subject	Course Credit	Subject	Course Credit
MAT 121 Calculus III	4 hrs.	Humanities	2 hrs.
CES 243 & 245		MAT 312 & 322 Diff. Eq.	
Thermody/Atoms	4 hrs.	& Engr. Stat.	4 hrs.
CES 210 Crystallography	2 hrs.	CES 246 Free Energy	4 hrs.
PHY 134		CES 230 Chem. Props.	2 hrs.
Electricity & Magnetism ...	2 hrs.	Physics Elective	2 hrs.
Elective	2 hrs.	CES 252 Microstr. Anal.	2 hrs.
CES 271 Seminar III	0	CES 272 Seminar IV	0
CES 229 Structure of Solids ..	2 hrs.		
Course Total	16 hrs.	Course Total	16 hrs.

Curriculum Outline Ceramic Engineering

Junior Year

Semester 5		Semester 6	
Subject	Course Credit	Subject	Course Credit
Humanities	4 hrs.	Humanities	4 hrs.
CES 304 Ceram. Lab III	2 hrs.	CES 305 Ceram. Lab IV	2 hrs.
CES 325 High Temp. Reac. & Proc. I	2 hrs.	CES 319 Mech. of Solids	2 hrs.
CES 327 High Temp. Reac. & Proc. II	2 hrs.	CES 335 Electrical Engr.	2 hrs.
CES 314 Ceramic Matls	2 hrs.	Technical Elective	2 hrs.
CES 371 Seminar V	0	CES 372 Seminar VI	0
Technical Elective	4 hrs.	CES 336 Electronics I	2 hrs.
Course Total	16 hrs.	CES 402 Statics & Struct.	2 hrs.
		Course Total	16 hrs.

Senior Year

Semester 7		Semester 8	
Subject	Course Credit	Subject	Course Credit
Humanities	2 hrs.	Humanities	4 hrs.
CES 407 Thermal, Mech. & Optical Properties	4 hrs.	CES 408 Electrical & Magnetic Properties	2 hrs.
CES 361 Thesis or CES 315 Industrial Involve.	2 hrs.	CES 362 Thesis or CES 316 Industrial Involve.	2 hrs.
Technical Electives	10 hrs.	Technical Electives	8 hrs.
CES 471 Seminar VII	0	CES 474 Plant Layout I	2 hrs.
		CES 472 Seminar VIII	0
Course Total	18 hrs.	Course Total	18 hrs.

Curriculum Outline Ceramic Science

Junior Year

Semester 5		Semester 6	
Subject	Course Credit	Subject	Course Credit
Humanities	4 hrs.	Humanities	4 hrs.
CES 304 Ceram. Lab III	2 hrs.	CES 305 Ceram. Lab IV	2 hrs.
CES 325 High Temp. Reac. & Proc. I	2 hrs.	CES 338 Electronics II	2 hrs.
CES 314 Ceramic Matls.	2 hrs.	CES 319 Mech. of Solids	2 hrs.
Technical Elective	4 hrs.	Technical Electives	8 hrs.
CES 371 Seminar V	0	CES 372 Seminar VI	0
CES 336 Electronics I	2 hrs.		
Course Total	16 hrs.	Course Total	18 hrs.

Senior Year

Semester 7		Semester 8	
Subject	Course Credit	Subject	Course Credit
Humanities	4 hrs.	Humanities	2 hrs.
CES 407 Thermal, Mech. & Optical Properties	4 hrs.	CES 408 Electrical & Magnetic Properties	2 hrs.
CES 361 Thesis	2 hrs.	CES 362 Thesis	2 hrs.
Technical Electives	4 hrs.	Technical Electives	8 hrs.
CES 471 Seminar VII	0	Unrestricted Elective	2 hrs.
CES 453 & 454 Solid State Physics	4 hrs.	CES 472 Seminar VIII	0
Course Total	18 hrs.	Course Total	16 hrs.

Curriculum Outline Glass Science

Junior Year

Semester 5		Semester 6	
Subject	Course Credit	Subject	Course Credit
Humanities	2 hrs.	Humanities	4 hrs.
CES 325 High Temp. Reac. & Proc. I	2 hrs.	CES 319 Mech. of Solids	2 hrs.
CES 327 High Temp. Reac. & Proc. II	2 hrs.	CES 336 Electronics I	2 hrs.
CES 335 Electrical Engr.	2 hrs.	CES 310 Glass Lab II	2 hrs.
CES 308 Glass Lab I	2 hrs.	CES 423 Glass Properties I	2 hrs.
CES 302 Intro. Glass Sci.	4 hrs.	CES 430 Nucleation & Cryst.	2 hrs.
CES 314 Ceramic Matls.	2 hrs.	Technical Elective	2 hrs.
Technical Elective	2 hrs.	CES 372 Seminar VI	0
CES 371 Seminar V	0		
Course Total	18 hrs.	Course Total	16 hrs.

Senior Year

Semester 7		Semester 8	
Subject	Course Credit	Subject	Course Credit
Humanities	4 hrs.	Humanities	4 hrs.
CES 361 Thesis or CES 315 Industrial Involve.	2 hrs.	CES 362 Thesis or CES 316 Industrial Involve.	2 hrs.
CES 407 Thermal, Mech. & Optical Properties	4 hrs.	CES 408 Electrical & Magnetic Properties	2 hrs.
CES 324 Glass Lab III	2 hrs.	CES 309 Glass Engineering	2 hrs.
CES 424 Optical Prop.	2 hrs.	CES 425 Glass Structure	2 hrs.
CES 426 Glass Prop. III	2 hrs.	Technical Elective	4 hrs.
Technical Elective	2 hrs.	CES 472 Seminar VIII	0
CES 471 Seminar VII	0		
Course Total	18 hrs.	Course Total	16 hrs.

ELECTIVE STRUCTURING**Ceramic Engineering**

Humanities electives are structured according to the following: four semester hours in each of three areas: Arts, Social Sciences, and Humanities.

Technical electives: one course from the Analytical and one two-hour course from the Engineering groups of courses, two two-hour courses from the Materials group chosen from below.

<i>Analytical</i>	<i>Engineering</i>	<i>Materials</i>
CES 401 Petrography	CES 332 Transport Props.	CES 409 Whitewares
CES 411 X-ray Techs.	CES 328 Mech. Devices	CES 413 Struct. Clay
CES 477 Elem. Spectr.	Design	Prods.
CES 429 Elec. Microscopy	CES 306 Operational Tech.	CES 414 Refractories
	CES 331 Operations Res.	CES 464 High Stress
	CES 334 Computer Appl.	Matls.
	in Engr.	CES 416 Electroceram.
	CES 309 Glass Engr.	CES 418 Enamels
	CES 311 Adv. Engr.	CES 423 Glass Prop. I
	Graphics	CES 424 Optical Prop.
	CES 333 Fluid Mech.	of Glass & Ceramics
	Plus others	Plus others

Ceramic Science

Humanities electives are structured according to the arrangement specified above for Ceramic Engineering.

Technical electives: five technical electives are required in one of the following options:

Basic Science Option

- | | |
|----------------|---|
| I. Mathematics | any 300 or 400 level courses |
| II. Physics | PH 241 and any 300 or 400 level courses |
| III. Chemistry | any 300 or 400 level courses |
| IV. Biology | any 100, 200, 300, 400 level courses |

Analytical Science Option

- | | |
|---|--------------------------------------|
| I. Courses in instrumental analysis | CES 401, 411, 477 |
| II. Courses in chemical analysis | CH 423, 424 |
| III. Courses in physical analysis | PHY 301 |
| IV. Mathematics courses in computer, probability & numerical analysis | CES 334, MAT 306, 310, 401, 408, 449 |

Materials Science Option

- | | |
|-----------------------------------|---|
| I. Courses in Glass Science | CES 302, 308, 309, 310, 324, 428, 423, 426, 424 |
| II. Courses in Metallurgy | CES 438, 439, 440 |
| III. Courses in Organic Chemistry | CES 436, CH 451, 452, 453, 456 |

Dual Degree Program

The Dual Degree Program is the same as Ceramic Science except that you are required to take an additional eight semester hours of Humanities Electives and include among your Humanities Electives eight semester hours (instead of four semester hours) in each of the three Humanities Electives Areas listed below.

A Dual Degree program also can be based on the Ceramic Engineering major but requires a carefully planned extra semester of work.

You and your adviser must write a contract specifying study to be completed for any Dual Degree.

Humanities Electives Areas**The Arts**

- I. Art (any)
- II. Design (excludes materials and calculations courses)
- III. Drama (those accepted as full or half courses)
- IV. Music (any not specified for teaching training or private lessons)
- V. Film (any)
- VI. Dance (any)
- VII. Creative Writing (any)

Social Sciences

- I. Sociology (any)
- II. Psychology (any)
- III. Economics (Principals & Problems of Economics I and II, and Environmental Economics)
- IV. History (any)
- V. Political Science (any)

Humanities

- I. English (any)
- II. Education (those not specified for teacher training or methods)
- III. Foreign Language (any)
- IV. Philosophy (any)
- V. Religion (any)
- VI. Problems of The Twentieth Century

The Alfred University Summer School

GEOLOGY

The Alfred University Summer School

CHEMISTRY

The Alfred University Summer School

The Alfred University Summer School

SUMMER SCHOOL

1976

INTERSESSION: May 31 — June 18

REGULAR SESSION: June 21 — July 30

The summer sessions, an integral part of Alfred University's educational program, offer a variety of courses which may be particularly suited to your needs if you are interested in graduate work, want to accelerate your undergraduate studies, need to complete certain requirements, or wish to expand your knowledge or skills in a variety of fields.

ADMISSION AND ATTENDANCE

No examinations are required for admission to the Summer School. You may enroll in courses for which you are qualified by experience or previous preparation. Certain advanced courses, however, may not be taken unless prerequisite requirements have been fulfilled. Regular class attendance is expected.

If you are enrolled in another institution and plan to attend the Alfred University Summer School, you should consult the appropriate college or university official in advance to determine that the courses to be taken are appropriate to your degree program.

SPECIAL FEATURES

For over 60 years, Alfred has featured its pioneer summer course in pottery and ceramics. This course, given in connection with the internationally known College of Ceramics, is widely attended by amateur and professional artists, potters, designers, craftsmen, and teachers of art.

Other features of the Summer School are the Program for Advanced High School Students, the Summer Theater and the Keuka Lake Studies Program.

For the Summer School catalog, you should write to Director, Summer School, Alfred University, Box 514, Alfred, New York 14802.

GRADUATE SCHOOL

Graduate programs are offered in keeping with educational demands and with the potential of certain departments in the University to make distinctive contributions at an advanced level. The Graduate School coordinates and provides the desired unity for the graduate offerings in both the College of Liberal Arts and the New York State College of Ceramics.

The degree programs offered are: Master of Arts in School Psychology; Master of Science in Education with concentrations in 13 different areas; the Master of Fine Arts in Glass or Ceramics; the Master of Science and Doctor of Philosophy in Ceramic Engineering, Ceramic Science or Glass Science.

The specific graduate degree requirements, as well as detailed descriptions of courses and programs, are given in the catalog of the Graduate School. Inquiries about these programs and degrees may be directed to the Dean of the Graduate School.

ALUMNI ASSOCIATION

The Alfred University Alumni Association was founded by enthusiastic former students in 1884 "to create and maintain activities for the support and development of the University."

The University, in cooperation with the elected officers and members of the Association and with the professional assistance of the Director of Alumni Programs, supports various programs on and off the campus to serve the mutual interests of former students and the institution.

An alumnus is one who has matriculated at the University and resided on campus for at least two semesters. Consequently the membership includes current students, past students, and graduates. The 13,000 known living alumni reside in the 50 states, District of Columbia, and 52 foreign countries. Each of the 28 geographic alumni groups around the United States holds a yearly meeting in its area. Each group also sends one representative to meetings of the Alumni Council, the policy making body of the Association, which are held on campus twice a year (Homecoming in October and Reunion Weekend in June). Other seminars are held on campus during the academic year to maintain student-alumni relations, serve continuing education needs, and provide alumni leadership training. Alumni communications are also maintained by the University's official publication, *The Alfred Reporter*, published five times a year.

The Alumni Association's efforts are clearly reflected in the success of the University. The Alumni not only contribute significantly to the financial support of the institution, but they also assist in student recruitment with programs in their local areas which supplement the work of the Admissions Office.

The Alumni Association each year elects two members to serve three-year terms on the Board of Trustees. In addition to these six elected alumni, there are currently 16 other members of the Board of Trustees who either attended or were graduated from the University.

In June 1967, the Alumni Association established the Outstanding Student Awards which annually honor a man and a woman in the senior class. A plaque acknowledging the honor conferred is sent to the high school from which each recipient graduated.

The Alumni Office, located on campus, maintains biographical records on all of the Association's members.

Area Alumni Groups

ALBANY (SCHENECTADY-TROY)
ALFRED (HORNELL-WELLSVILLE)
BUFFALO (NIAGARA FRONTIER)
BOSTON
CHICAGO
CLEVELAND
COLUMBUS (OHIO)
DAYTONA BEACH
DENVER
DETROIT-TOLEDO
ELMIRA-CORNING
KINGSTON-POUGHKEEPSIE
LONG ISLAND
LOS ANGELES

MIAMI
NORTHERN NEW JERSEY
OLEAN-CUBA, N.Y. (BRADFORD, PA.)
PHILADELPHIA-SOUTH JERSEY
PITTSBURGH
ROCHESTER
SAN DIEGO
SAN FRANCISCO
SOUTHERN CONNECTICUT
SYRACUSE-UTICA
TAMPA-ST. PETERSBURG
WASHINGTON-BALTIMORE
WESTCHESTER
YORK-HARRISBURG

PARENTS ASSOCIATION

The Alfred University Parents Association was organized in 1956. Its purposes are to develop a close relationship among parents and students, faculty, and administration; to cultivate parental interest in the philosophy, purposes, and goals of Alfred University; and to seek financial support which is of direct benefit to the students and University. The Annual Parents' Fund has provided additional books for the Herrick Memorial Library, furnishings for the Campus Center, funds to assist in equipping the new Student Health Center, funds for the new Science Center, funds of a student loan fund, assisted the Cultural Programs Council in bringing more cultural events to Alfred, provided support for one Alfred student to take part in the International Honors Program, and given funds for the new Physical Education Center.

The Association sponsors two annual Parents' Weekends; one in the fall and one in the spring. These programs allow parents to visit their sons and daughters on campus, to meet professors, and to take part in University-Parents' Association sponsored activities.

All parents of students attending Alfred University are automatically members of the Parents Association. There are no dues and all parents receive selected University publications.



Jock Hall

Board Approves Expansion Of Herrick Library

The University's board of trustees has approved a proposal to enlarge the institution's Herrick Memorial Library, which is nearing its capacity of 140,000 volumes.

In acting on expansion, the board formally abandoned a plan—dormant for the past two years—for construction of a separate library-learning resources center.

According to President Rose, the move reflects a "change in institutional values and a reassessment of the way we commit our resources."

The board acted April 4 on recommendations by Rose and an advisory group known as the Campus Planning Committee.

Rose said the decision to expand the existing library rather than build the learning resources center stemmed as much from his own philosophy of library use as it did from cost factors.

Cost Estimates

Cost estimates for the 70,000-square-foot learning center had risen from \$4-million in 1973, when preliminary plans were drawn, to at least \$6-million today, the president said.

In addition to book holdings, the center would have housed a television studio, extensive audiovisual equipment and conduits for a possible future information-retrieval system.

"The center overemphasized media aspects," the president said. "My own view is that books constitute our principal repository of knowledge, and in light of enrollment expectations at Alfred we can better serve our students by renovating and expanding the existing library."

The library decision reflected a "conscious effort not to expand enrollment, but to contain growth and increase the qualitative dimension of our academic program," Rose added. He said he preferred to seek financial support for programs rather than for extensive new construction.

Master Plan

A master plan completed by the University in 1972 had initially projected an undergraduate enrollment of 2,750 by 1982. Long-range planning at Alfred is now

Continued on Page 5

Odle Named to Senior Campus Vice Presidency

The appointment of Dr. S. Gene Odle as vice president for academic affairs at Alfred University was announced April 4 by President Rose. The appointment is effective July 1.

Continued on Page 3



Charles S. Bucklin

Winter

Wonderland...

Private-Sector Tuition Will Be Raised by \$300

The University announced Feb. 17 that it would raise tuition next fall from \$3,000 to \$3,300 a year.

The announcement, by Robert E. Heywood, the University's vice president for business and finance, was contained in a letter to parents of students. Heywood blamed inflation and the energy crisis for the move.

He also said that the annual room-and-board charge for students would go up in the fall from \$1,450 to \$1,575.

In a subsequent announcement, Heywood said the higher charges would be coupled with a 10 per cent rise in the amount of financial aid available to students.

Continued on Page 3

Wind-Generated Electricity Is Under Study at Alfred

Experiments are underway on the campus of Alfred University to determine whether wind-generated electricity is feasible as a supplemental source of energy.

Alfred officials beset by rising utility costs are watching closely results of faculty-student projects designed to investigate the potential of energy conversion.

Nationwide, most of the technological problems involved in producing electricity from air currents appear to have been solved. The major remaining problem is an economic one. Right now the costs of developing wind-generated electricity on a large scale are prohibitive.

"Theoretically, there is more than enough wind to supply all of the nation's energy requirements," observes Dr. Fred W. Dix, an assistant professor of physics and one of the Alfred researchers. "But the cost of building power stations run by wind is not competitive with standard plants using coal as the energy source."

Abundant Energy

Experts agree that the power available from windmills is non-depletable, non-polluting, and vastly more abundant than the world's installed electric power or the total potential of hydropower.

The main disadvantage of wind energy in addition to the cost of conversion to electricity is that it is intermittent and unreliable, but this can be overcome to a degree by modern methods of energy storage.

At Alfred, Dix and 15 students recently developed a windmill capable of generating a maximum electrical output of 1,000 watts, or enough power to illuminate a standard classroom. Dix's apparatus employs a 12-foot propeller blade that couples high efficiency or "lift" with low friction. The blade, turning at a top speed of 300 revolutions per minute, activates an automobile alternator that supplies a charge to banks of 12-volt storage batteries.

The \$250 machine was designed to produce its full output in a 20 to 25 mile-per-hour wind. With the batteries fully charged, the system is able to supply power to lights or small appliances for 16 to 24 hours.

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***On leave second semester 1974-75

*Administration and Faculty as of January 1, 1975.

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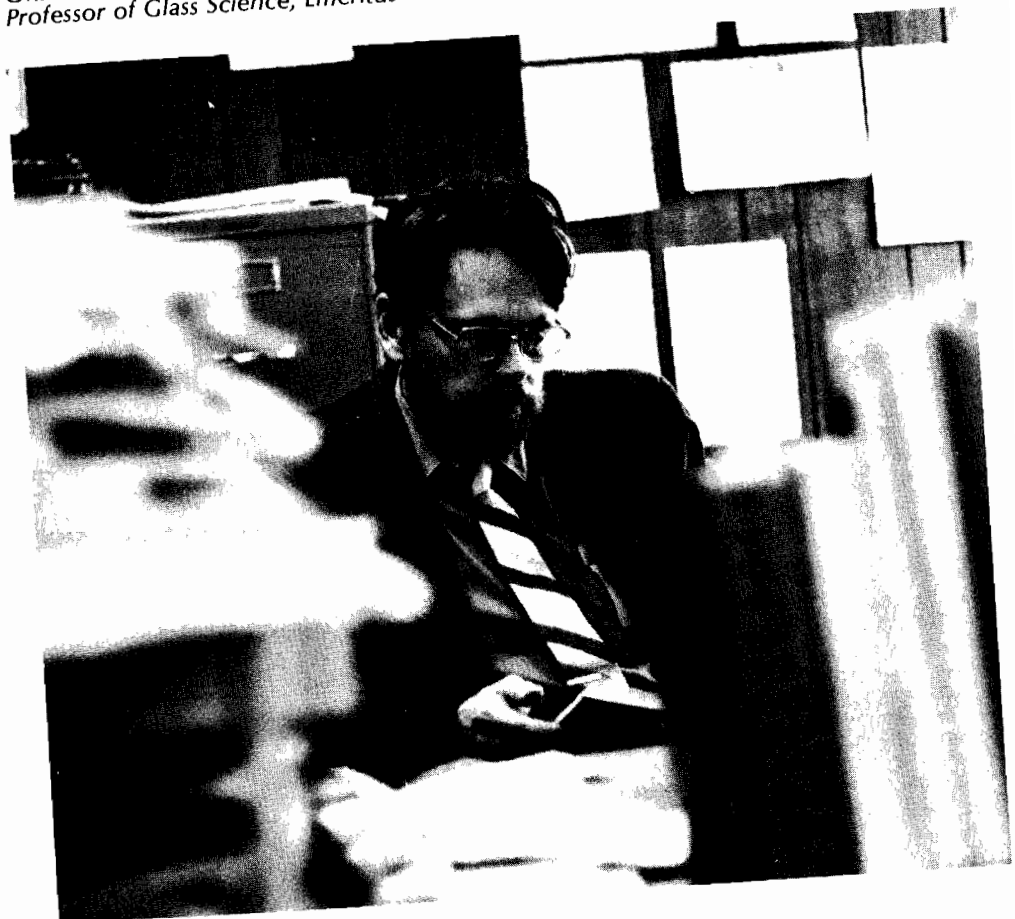
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