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THE MUEZZIN • UNIVERSITY OF TAMPA • CATALOG EDITION 1973-74

## **General Information**

The University of Tampa assumes that its students will conduct themselves as responsible citizens, and will comply with the regulations set forth in either the application or the readmission information sent or handed to students. Therefore, the University reserves the right to dismiss any student, or group of students, whose conduct on or off campus is unbecoming to a University of Tampa student or reflects discredit on the institution of which he is a member.





## **The Muezzin**

### **Catalog Edition**

Volume 42, No. 6

January, 1973

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The information in this bulletin supersedes all rules, regulations, fees, curricula, and other matters previously published.

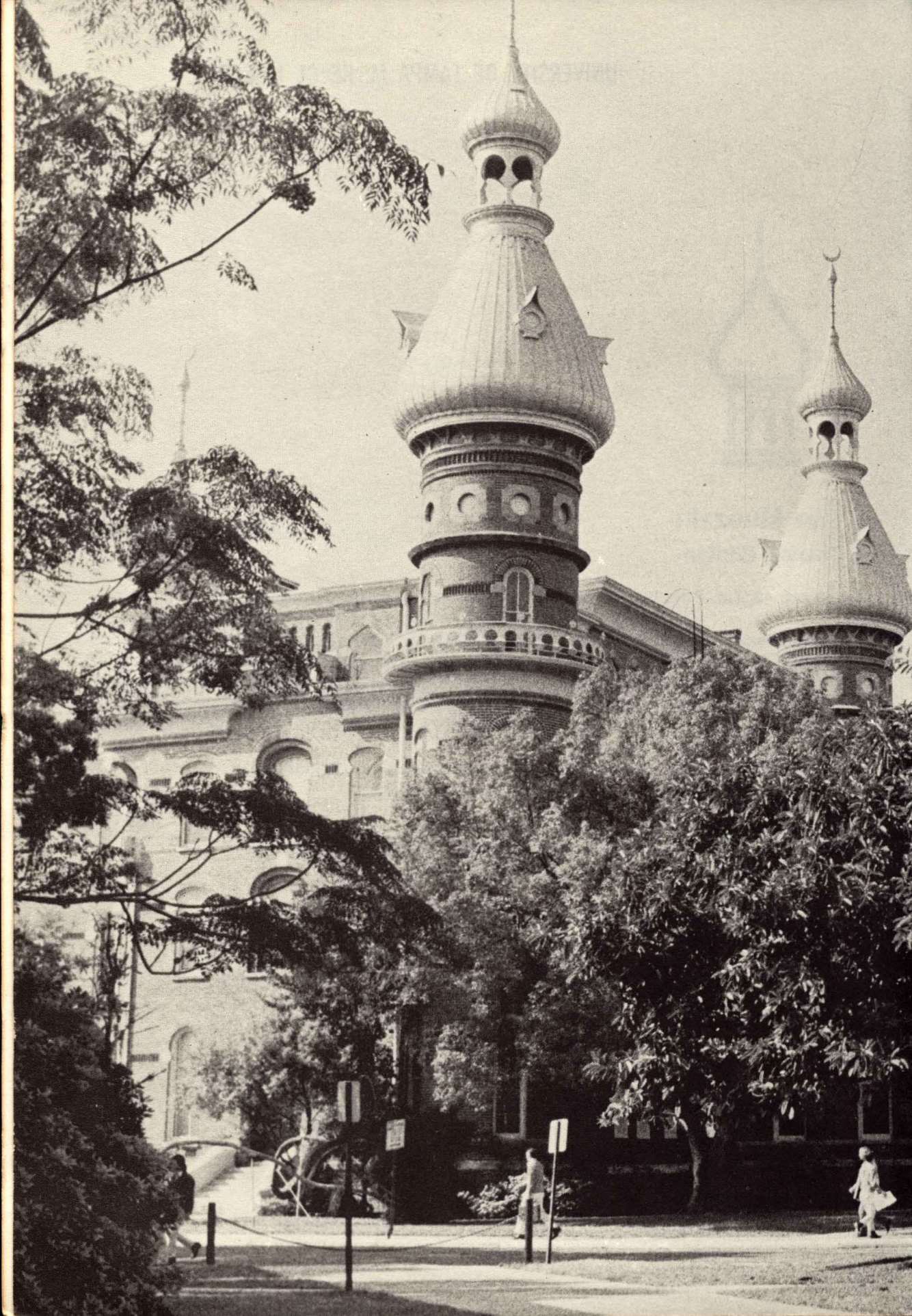
The University of Tampa has an open admission policy. The University encourages application for admission from all qualified students without regard to race, religion or national origin.

Please contact the administrative officer listed or the division chairman for further details regarding individual circumstances.

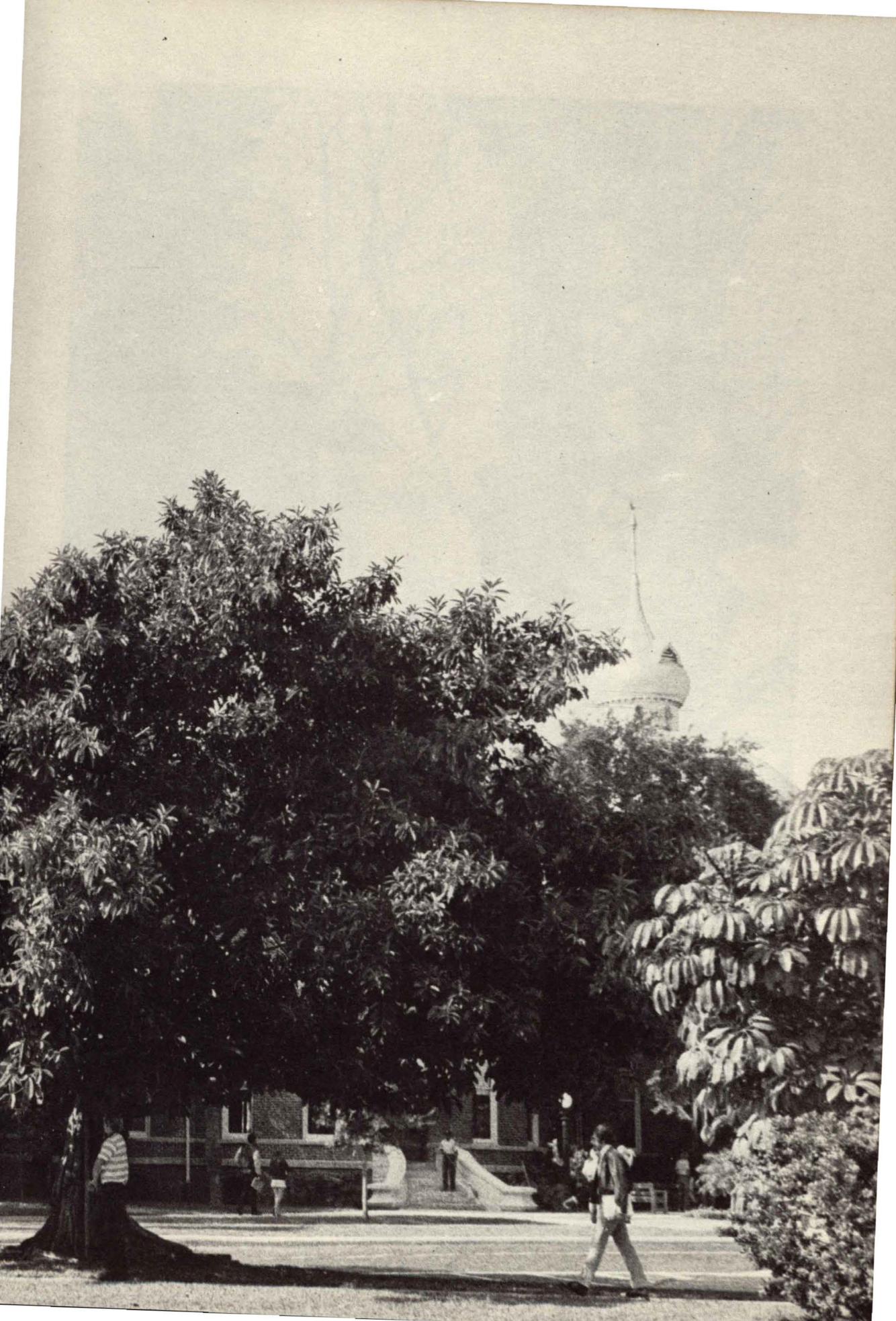
The University of Tampa  
401 West Kennedy Boulevard  
Tampa, Florida 33606  
University Telephone: 253-8861  
(Area Code 813)

It is the responsibility of each student to read and understand the provisions of the University of Tampa catalog under which he is registered.















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# ACADEMIC CALENDAR

JULY 1973	5	Thursday	Last day for filing application for resident admission to Fall 1973 Semester
AUGUST	27	Monday	Faculty Workshop (Time to be announced) 9 a.m. Residence halls open
	28	Tuesday	9 a.m. Freshman Orientation begins
	30	Thursday	Fall Registration (Times to be announced)
	31	Friday	Fall Registration (Times to be announced)
SEPTEMBER	3	Monday	Labor Day Holiday
	4	Tuesday	8 a.m. Classes begin
	17	Monday	Last day for withdrawal with 50% credit on fees
OCTOBER	15	Monday	Students dropping a course after this date will receive WF if failing — WP if passing
	23	Tuesday	Noon Mid-Semester grade reports due in Office of Admissions and Records
	26	Friday	Mid-Semester grade reports mailed
	26-28	Fri.-Sun.	Parents Weekend
NOVEMBER	9	Friday	Last day to drop classes with WP
	13	Tuesday	Deposits for 1974 Intersession classroom courses must be paid prior to this date Pre-enrollment forms and appointments issued for 1974 Intersession classroom courses
	14	Wednesday	Pre-enrollment period for 1974 Intersession classroom courses (by appointment only) Last day for filing application for resident admission for Spring 1974 Semester
	17	Saturday	Homecoming
	21	Wednesday	10 p.m. Thanksgiving vacation begins



	26	Monday	8 a.m.	Classes Resume
	28-30	Wed.-Fri.		Deposits for Spring 1974 Semester must be paid prior to these dates Spring 1974 Semester Timetables, pre-enrollment forms, and appointments issued
DECEMBER	3- 5	Mon.-Wed.		Spring 1974 Semester Pre-enrollment Period (by appointment only)
	8-13	Sat.-Thurs.		Final Examination Period
	16	Sunday		Commencement (Schedule to be announced)
	17	Monday	Noon	Semester grade reports due in Office of Admissions and Records
	20	Thursday		Semester grade reports mailed
JANUARY 1974	3	Thursday		Registration for 1974 Intersession classroom courses (Times to be announced)
	4	Friday	8 a.m	1974 Intersession classes begin
	23	Wednesday		1974 Intersession classes end Residence halls open for new students
	24	Thursday		Spring Registration (Times to be announced)
	25	Friday		Spring Registration (Times to be announced)
	28	Monday	8 a.m	Spring 1974 Semester classes begin
FEBRUARY	8	Friday		Last day for withdrawal with 50% credit on fees
	11	Monday		Gasparilla Day (Holiday)
MARCH	8	Friday		Students dropping a course after this date will receive WF if failing — WP if passing
	19	Tuesday	Noon	Mid-Semester grade reports due in Office of Admissions and Records
	22	Friday		Mid-semester grade reports mailed
APRIL	5	Friday	6 p.m.	Spring vacation begins Last day to drop classes with WP
	16	Tuesday	8 a.m.	Classes resume
	18-19	Thurs.-Fri.		Deposits for Summer Session 1974 must be paid prior to these dates Summer Session 1974 Timetables, Pre-enrollment forms, and appointments issued

	22-23 Mon.-Tues.	Summer Session 1974 Pre-enrollment Period (by appointment only)
MAY	1- 3 Wed.-Fri.	Deposits for Fall 1974 Semester must be paid prior to these dates Fall 1974 Semester Timetables, Pre-enrollment forms, and appointments issued
	6- 8 Mon.-Wed.	Fall 1974 Semester Pre-enrollment Period (by appointment only)
	9 Thursday 10:30 a.m.	Honors Day Convocation
	11-16 Sat.-Thurs.	Final Examination Period
	19 Sunday	Commencement (Schedule to be announced)
	20 Monday Noon	Semester grade reports due in Office of Admissions and Records
	23 Thursday	Semester grade reports mailed
	31 Friday	Summer Session I Registration (Times to be announced)
JUNE	3 Monday	Summer Session I classes begin
JULY	3 Wednesday	Summer Session I classes end
	12 Friday	Summer Session II Registration (Times to be announced)
	15 Monday 8 a.m.	Summer Session II classes begin
AUGUST	16 Friday	Summer Session II classes end
	23 Friday	August degree conferring date (No ceremony—diplomas mailed)







# THE UNIVERSITY

## Objectives

Colleges and universities today have an obligation to educate thinking individuals who, through their own free choice, can demonstrate their belief in the value of the individual, human dignity, and personal freedom through responsibility.

Hence, the educational objectives of the University of Tampa are to develop habits of disciplined thought and creative work; to gain insight and competence in a particular field of study; to secure an understanding of the relationship of the various branches of knowledge; to create a motivation to continue constructive learning; to prepare the student to apply the skills, attitudes, experience and knowledge thus gained to the attainment of professional and other personal goals, and to become an understanding and constructive member of society.

## Location and History

The minarets of the University of Tampa are a landmark of learning in the City of Tampa, and a symbol of educational opportunity since the University was founded in 1931 by public-spirited citizens wishing to accommodate local students unable to attend college away from home.

The main building, now known as Henry B. Plant Hall, was constructed in 1890 as the luxurious Tampa Bay Hotel by railroad magnate Henry B. Plant who spent \$3,500,000 to build one of the most lavish resort hotels of its era. Frequently acclaimed the finest example of Moorish architecture in the nation, its minarets represent the 13 months of the Moslem year. The five-story building is 1,200 feet long and has more than 500 rooms. Crowned heads of Europe and romantic figures of history, such as Colonel Theodore Roosevelt, then commander of the Rough Riders of the Spanish-American War, have been guests at the old Tampa Bay Hotel.

The University was transformed from a community to a residential institution in 1960, reaching out to serve students from throughout the United States as well as Florida and the Tampa area. Today, more than 2,200 full-time students represent 50 states and a number of foreign countries. The University is coeducational, offers the Bachelor's degree in twenty-three fields, and is fully accredited by the Southern Association of Colleges and Schools.





The main campus is located in beautiful Plant Park, overlooking the Hillsborough River near the center of Tampa, a residential and business community of more than 300,000. Although an urban institution within walking distance of the downtown shopping district, the beauty of its location on the riverfront provides a campus which rivals many suburban colleges. The proximity of downtown offices, and business establishments is an important factor for those who wish to earn while they learn.

The campus is fifteen minutes by taxi from the famous new Tampa International Airport. The Seaboard Coast Line Railroad and major bus lines also serve Tampa. Miles of causeways lead to the white beaches of the Gulf of Mexico. Warm fresh and salt waters encourage swimming, skin diving, water skiing, fishing and boating. Sunny skies and subtropical climate offer opportunities for year-round picnicking and other outdoor living.

Although the University bears the name of the city in which it is located, it is a private institution. It is non-denominational, chartered under the laws of the State of Florida as a non-profit corporation, and is governed by a self-perpetuating Board of Trustees elected from among leaders in business, industry, and the professions.

During the past decade, the University of Tampa has acquired major buildings at a rate of at least one a year. Supplementing Plant Hall, which has been renovated extensively, are the new Merl Kelce Library, Falk Memorial Theatre, McKay Auditorium, University Union, Industrial Arts Building, Howell Field House, A.A.U. swimming pool, and four residential halls. The University has recently acquired the State Fairgrounds property which will be incorporated as an integral part of the University.



## **Accreditation And Recognition**

The University of Tampa is fully accredited by the Southern Association of Colleges and Schools and for teacher education by the Florida State Board of Education. It holds membership in the following organizations:

- The American Council on Education
- The Association of American Colleges
- The Association of University Evening Colleges
- The Association of Urban Universities
- The Florida Academy of Sciences
- The Florida Association of Colleges and Universities
- Florida Independent Colleges Foundation
- The Independent Colleges and Universities of Florida, Inc.
- The National Council on Education
- The Southern Association of Colleges and Schools

The University is approved by the Veterans Administration for the education of veterans under Public Law 894 (Disabled Veterans) and Public Law 634 (War Orphans). Credits earned here are accepted by the Army, the Navy, and the Air Force for aviation cadet or officer cadet training.

## **The University of Tampa National Alumni Association**

The University of Tampa is proud of its more than 7,000 living alumni. In November of 1969, the National Alumni Association was founded. Its Board of Directors, comprised of 25 members, is responsible for the chartering of alumni chapters as well as the planning of special alumni events such as Homecoming and the annual Alumni Loyalty Fund.

Tampa Alpha is the oldest chapter and was the forerunner of the present National Association. Chapters have since been formed in St. Petersburg, Miami, Orlando, Brandon, Atlanta, Washington, and Albany.

The main purpose of the National Alumni Association is to bring together the organized efforts of alumni in the promotion of the interests and needs of the University. It strives to encourage continuous participation by alumni in the life of the University and provide the means of continued fellowship and association for graduates and former students, working closely with the Development Department in community and public relations, student recruitment and fund raising, for the benefit of the University of Tampa, its faculty and student body.

Membership in the Alumni Association is automatic for all individuals who have attended the University of Tampa for one or more semesters. No dues are charged.











# **FACILITIES AND SERVICES**

## **The Library**

The new air-conditioned Merl Kelce Library has space for 200,000 volumes, and seats 450 patrons. The facilities include individual study carrels, sixteen study rooms, three seminar rooms, typing rooms, and audio-visual area with listening booths, and two student lounges. The library holdings cover all fields of university instruction, and are available to students, faculty, staff, alumni, and other interested persons. The open-shelves system provides free access to almost the entire collection for very user. Approximately 9,000 volumes were catalogued last year. In addition to this, thousands of pamphlets, audio-visual materials, microfilms, and other items were also processed. The library is a depository for U.S. and state government publications.

The special collections of the library include incunabula, other old and rare books, first editions, autographed editions, materials on Florida and the southeast, and University documents.

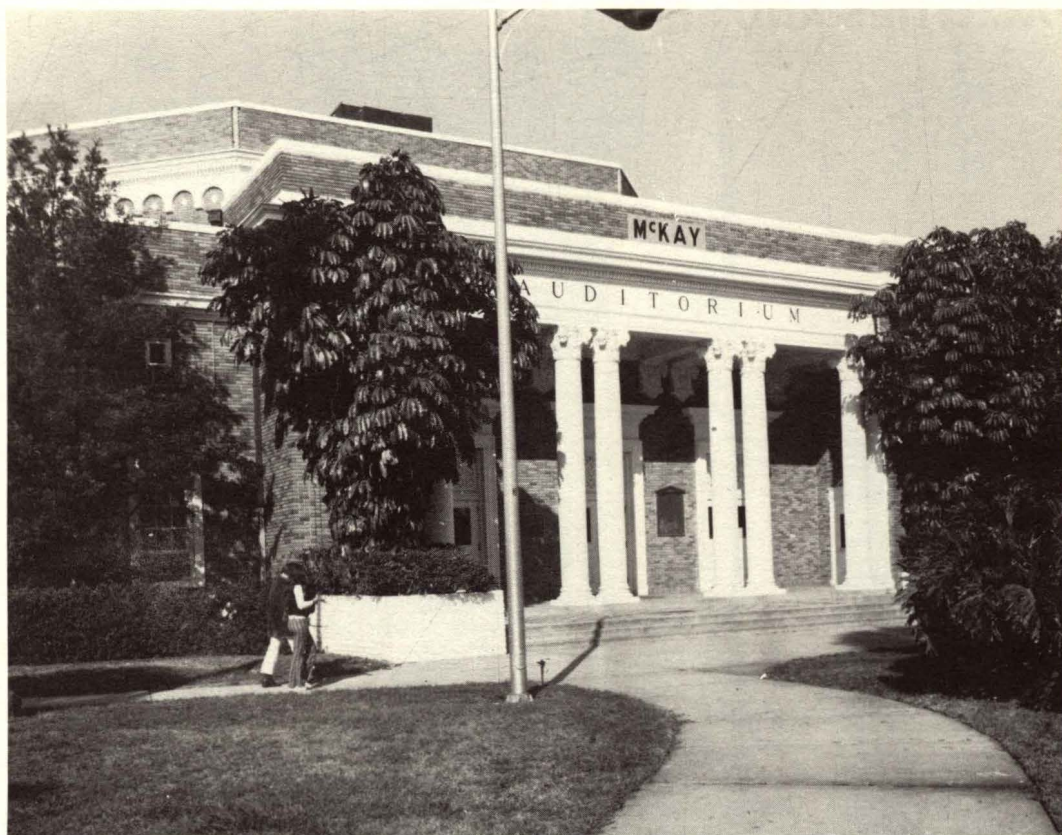
The University houses a fairly complete collection of the bound volumes of the Tampa Times, covering almost seventy years of Tampa Bay area history, which were contributed by Mr. David E. Smiley, for fifteen years chairman of the Board of Trustees and former publisher of the newspaper.

The library was a charter subscriber to the Microbook Library of American Civilizations, a 19,000 volume history collection on ultra-microfiche, and the Library of English Literature, 2,500 volumes covering all aspects of English literature through 1660. Fiche and readers are available to students and faculty for home or library use.

Professional reader's advisory, reference and interlibrary loan assistance is provided for students as well as for faculty members. The library personnel will make restricted materials obtainable at any time when the need arises. Self-service photo-copying machine, microfilm readers and reader-printer, audio-visual equipment, and other special services are available.

While school is in session, the library is open Monday through Thursday from 8 a.m. to 12 midnight, Friday from 8 a.m. to 5 p.m., Saturday from 1 p.m. to 5 p.m., and Sunday from 1 p.m. to 12 midnight. Summer and holiday schedules are announced in advance.





## Laboratories

Modern and well-equipped laboratories are provided for undergraduate study in biology, chemistry, communications, modern languages, natural science, and physics. As part of an over-all plan for improvement of the science programs, expansion of facilities is now underway, particularly for the upper-division programs.

## Housing for the Arts

A newly renovated Art Building with approximately 6000 square feet of area contains classrooms, studios, and offices. A special adjunct has been constructed for work in ceramics, welding, and sculpture.

The University Ballroom, Dome Room, and Bertha Fletcher Lounge are utilized for concerts, recitals, plays, lectures, and banquets.

The David A. Falk Memorial Theatre, across Kennedy Boulevard from the campus, was acquired early in 1962. It seats 1270 and provides for convocations, music and drama productions, and lectures.

McKay Auditorium, acquired in 1972, seats 2100. This building contains music practice rooms, studios and offices. It provides





room for commencement, concerts of the Florida Gulf Coast Symphony, the Community Concert Association, and other community productions.

The Industrial Arts Building was completed in September 1962. Classes in woodworking, metalworking and handicrafts are housed in this building, and exhibits are held at the end of each semester.

## Athletic Facilities

Tampa Stadium, a new fully equipped, municipally owned athletic facility seating 50,000, is the center for the University's varsity football and other University and community events.

Howell Gymnasium was constructed in 1956 and seats 2,000.

Plant Athletic Field in the State Fair Grounds provides additional playing fields for baseball, track, and other field and intramural sports.

Intramural athletics and other activities are provided for on the North Campus, adjacent to the Main Campus of the University. The North Campus Athletic Complex includes three outdoor basketball courts; four tennis courts; three softball diamonds; one baseball field; a swimming pool and dressing rooms; and a boat basin.



## **Residence Halls**

### **Residence Halls for Men**

Delo Hall (283 students). Suites house from two to four students. Air-conditioned suites offer a panoramic view of the minarets and Hillsborough Bay.

McKay Hall (200 students). Completely air-conditioned, modern brick residence hall located on the main campus.

### **Residence Halls for Women**

The George B. Howell Hall (210 students). A five-story building adjacent to the campus. Formerly an apartment hotel, it is completely air-conditioned, has elevator service, provides single and double rooms, as well as suites accommodating four to five girls. Each suite is completely furnished, with ceramic tile bath. The building has excellent study areas, TV lounges and parlors.

Smiley Hall (124 students). A modern, air-conditioned dormitory for women students.

The University of Tampa reserves the right to request any student to vacate a dormitory room or to deny admission of any student to a dormitory.

### **Items Not Provided in Residence Halls**

Blankets, bedspreads, draperies, bed linen, towels, pillows and reading lamps are not provided.

Weekly linen service, including delivery to the campus, is provided at very reasonable rates by Dixie Linen Supply, Student Linen Service Division, 2817 35th Street, Tampa, Florida. Students desiring to utilize this service should communicate directly with Dixie Linen Supply well in advance of arrival on the campus.

## **Off-Campus Housing**

The University has no residential facilities for married students. Housekeeping accommodations are available at reasonable cost in the vicinity of the campus. A list of available off-campus housing may be obtained from the Student Government Association and the personnel deans.

## **University Residence Requirements**

All freshmen are required to live in University residence halls. Upon application to the appropriate personnel dean, upperclassmen will be allowed to live in residence halls on a space-available basis. All men attending the University on athletic scholarships are required to live in residence halls. Room assignments are made for the academic year.

### **Exceptions**

Exceptions to the freshman residence requirement are students





in the following categories:

1. Married students.
2. Students residing with parents in Tampa or the surrounding area.
3. All students 21 years of age or older.

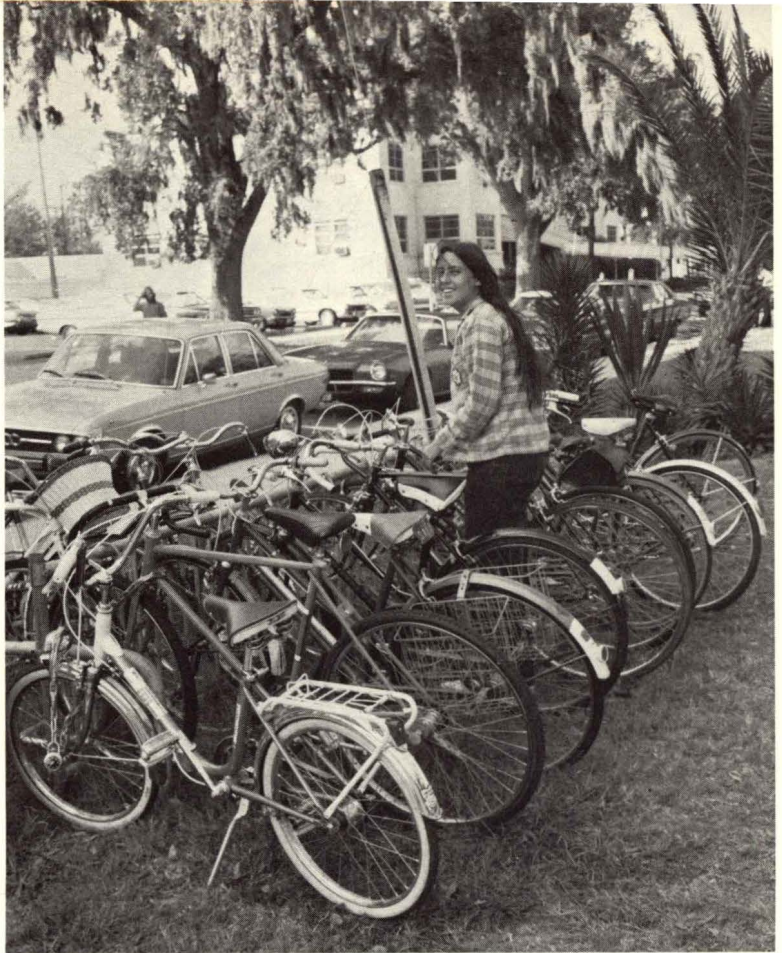
### **Boarding Requirements**

All resident students are required to board in University-operated facilities regardless of class standing. Ability and willingness to room and board as required are conditions of acceptance and/or continued attendance.

### **Residence During Summer Sessions**

Students living in residence halls prior to the summer sessions must continue in residence during the summer unless they have achieved exemption under categories stated previously. Freshmen who enroll for the first time or who are readmitted in the summer term are required to reside on campus. Summer boarding is optional. Students required to room and board on campus will not be excused because of employment.





## **Vehicles On Campus**

All resident students are permitted to have motor vehicles and bicycles on campus. All motor vehicles, however, must be registered and parking permits must be purchased from the Campus Security Office.

Commuting students must also register their motor vehicles with the Director of Security. Those living outside a half-mile radius of the campus may purchase commuter parking permits. Those living within a half-mile radius are issued "Restricted Only" permits which are free, but do not entitle students to park on campus from 8 a.m. to 5 p.m., Monday through Friday.

Although bicycles must be registered, required bicycle parking permits are free.

All vehicles, including bicycles, must park in designated parking areas. Current "Traffic and Parking Regulations" may be obtained from the Campus Security Office.

## **The President's Residence**

An important part of the University is Barritt House, the President's residence. A gift to the University from Mr. and Mrs. William J. Barritt, Jr., in 1967, it serves as an excellent center for bringing together members of the University family and community groups.

## University Union

The University Union Building, completed in April 1963, provides dining facilities for all resident students. In addition, it houses a snack bar, bookstore, student lounge, and meeting and game rooms. It is designed as the focal point for all student activities.

## Food Service

### Cafeteria

The University of Tampa operates a cafeteria in the University Union Building. The hours on weekdays are: breakfast, 7 a.m. to 9 a.m.; lunch, 11 a.m. to 1:45 p.m.; dinner, 5 p.m. to 6:30 p.m. On Sundays, brunch 10:30 a.m. to 1:45 p.m.; dinner from 5 p.m. to 6 p.m. Hours are subject to change, as needed.

### Snack Bar

The Snack Bar, located in the University Union Building, serves sandwiches, snacks, and fountain refreshments. Hours: Monday through Friday, 9 a.m. to 10 p.m.; Saturdays, 9 a.m. to 8 p.m.; and Sundays, 2:30 p.m. to 8 p.m. Hours are subject to change, as needed.

Numerous restaurants are located close to the University and provide meals at reasonable cost. Famous restaurants (notably those in Tampa's Latin Quarter) are frequented by tourists from all over the world.

## Bookstore

The Tampa Alpha Alumni Chapter of the University operates a bookstore in the University Union Building. This facility is equipped to handle most of the student's educational supplies.





## **Infirmary**

The University maintains an up-to-date infirmary for men and women students located in Delo Hall. The University physician is on duty at the infirmary at stated hours of every school day, and registered nurses are on duty during school hours every day to take care of minor illnesses and emergencies not requiring a physician's attention. For emergencies, the University physician and the nurses are on call 24 hours a day, seven days a week.

## **Student Insurance**

The University of Tampa cannot assume responsibility for sickness or accident. Students taking ten or more hours including courses audited are covered for sickness and accident insurance by the premium paid in their required fees. Students enrolled for fewer than ten hours are urged to subscribe to student insurance or to secure such protection elsewhere.

## **Counseling**

### **Personal, Social, Academic**

Counseling services are provided to aid the student in making important decisions of academic, social, vocational, and personal nature. Academic advising is handled largely through the faculty advisory system. The center for counseling of a more personal nature is the Office of the Coordinator of Counseling Services and Career Development.

### **Career Development and Placement**

Career services are designed to assist students in exploring and identifying a variety of career and graduate opportunities relative to their abilities and special interests.

Graduate placement opportunities are listed in the "Minaret" and on bulletin boards on the campus. During the months of October, November, February, and March, the University has a large number of recruiters on campus representing school districts and national and local firms. The Division of Education, which provides placement services for graduating education majors, should be contacted for information about services available and procedures to be followed.

## **Student Mail**

The University Post Office and Communications Center is located on the first floor of Plant Hall.

All resident and commuter students who are enrolled for any course listed in the University Catalog are required to maintain a University mail box. A rental fee of \$2 per semester is paid at the time of registration. Thereafter the student's official University mailing address will be his post office box number. An example of the proper mailing address follows:

Mr. Joseph C. Young  
Box 384  
University of Tampa  
Tampa, Florida 33606

Correspondents should use a student's legal first name, middle initial, and last name. Contractions and nicknames should be avoided. Unless student mail is properly addressed, delivery is delayed and the mail will be returned to sender. Residence hall assignments and local addresses should not be given to correspondents for mailing purposes.

Since the University Post Office operates as an official substation of the Tampa postal system, all mail (letters, publications, and parcels) for all University facilities, including residence halls, will be delivered to and distributed only by the University Post Office.

Insured packages, registered mail and postage due mail must be picked up at the stamp window by the addressee who will be required to show his identification card. Students should request parents and others to send money and other valuables by registered mail.

Each student is given a box combination. Lost combinations will be changed or replaced upon application and payment of a 50¢ fee to clerk in charge of the Communication Center.

In addition to official postal transactions, the University Post Office features a Communications Center which is designed to provide many other services for students, staff and faculty. Drop-boxes are conveniently located for the deposit and delivery of all intramural communications. Bulletin boards feature announcements of University policies, activities, and special events.

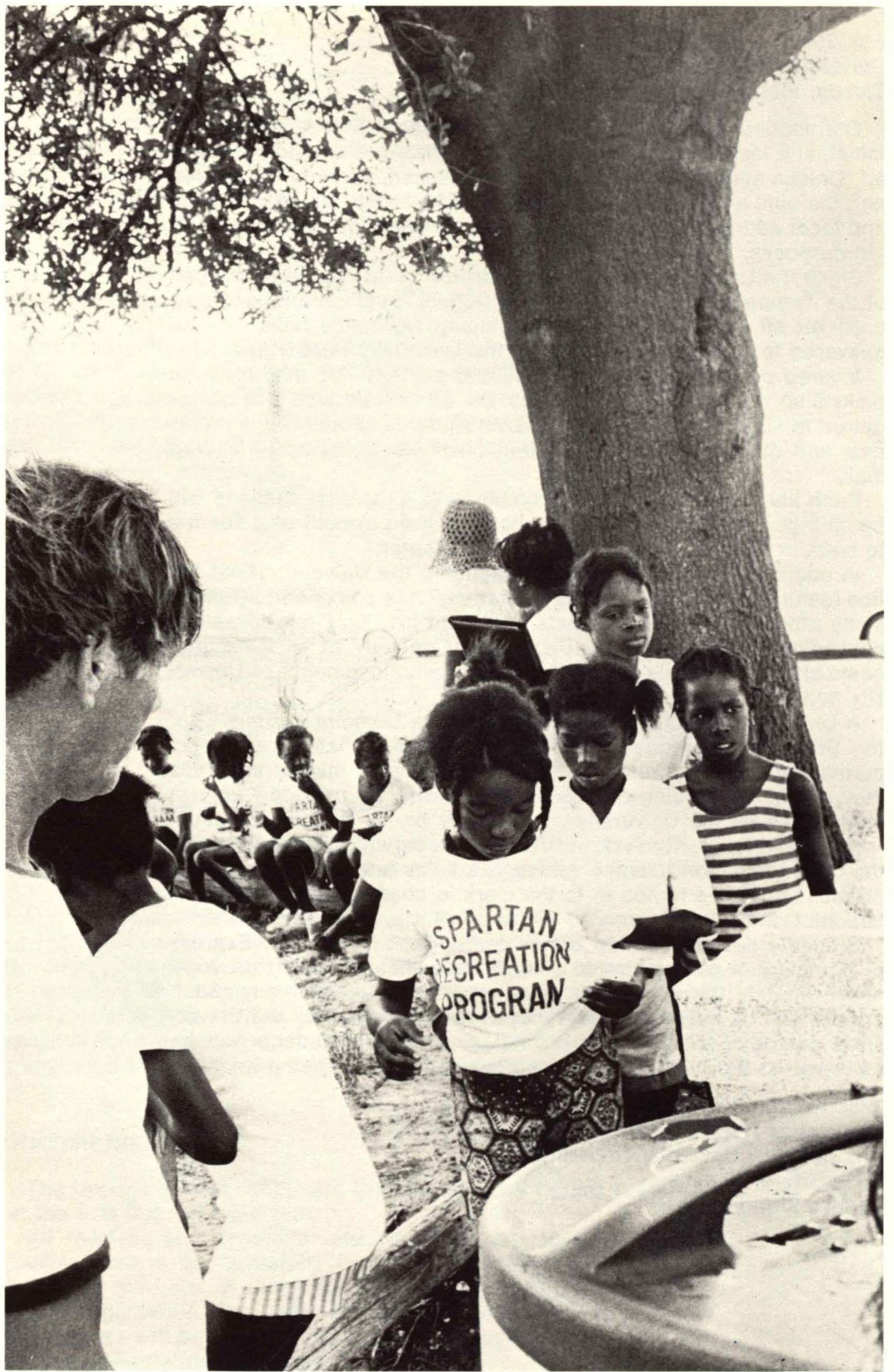
A University Directory is maintained in the Communications Center. Students are required to submit changes of name, residence, permanent home address, parental information or marital status as they occur. Forwarding addresses should also be provided when a student leaves the University permanently or for summer vacation.

A bulletin board for lost and found notices will be maintained in the Communications Center. All found articles and all reports of lost articles should be turned in to the clerk in charge of the Communications Center.

Students desiring to ship trunks or baggage by Railway Express or commercial carrier should plan to have their shipment arrive at approximately the same time they report to the University. Such articles will be delivered to the proper residence hall by the University's custodial staff. Trunks belonging to women students will be delivered to their rooms: Following is the proper shipping address:

Miss Elizabeth A. Smith  
(Residence Hall assignment)  
c/o Director, Custodial Department  
University of Tampa  
Tampa, Florida 33606







# **STUDENT LIFE AND ACTIVITIES**

Recognizing the importance of establishing an atmosphere outside the classroom which is most conducive to learning, the University of Tampa attempts to provide its students with ample opportunity to fulfill their social, cultural, and recreational needs. Constructive participation in organizations and activities enhances the personal growth and development of students.

## **Student Government Association**

The principal avenue for student participation in University governance is through the Student Government Association.

The University Union is headquarters for Student Government Association activities. Weekly meetings of the Senate and the House of Representatives in the University Union are open to all students.

A copy of the SGA Constitution may be obtained at the Student Government Association office along with detailed information concerning eligibility for student offices, participation in activities and other matters relating to student government affairs.

## **Student Judiciary**

Under the auspices of the Student Government Association a student judiciary system has been established to enable students to assume the primary responsibility for self-government in the area of student conduct. The goals of this system are to promote fairness and justice, to insure the safety and welfare of members of the University community, to assist in creating a campus environment conducive to academic pursuits and to protect University property and interests.

The jurisdiction of the student judiciary system extends to all the students of the University of Tampa who are charged with violations of University regulations.

The structure of the student judiciary system includes the Student Judicial Board, the Student Traffic Court of Appeals, the Residence Hall Boards of Standards and the Student Judiciary Advisory Council.



## **Student Program Council**

The Student Program Council provides a diversified program of social, educational and cultural events. Working in conjunction with the Student Government Association, the Council provides entertainment features for Freshman Orientation and Homecoming. Other annual events such as Harold's Club, the Christmas Sing and the Luau are sponsored by the Council, as well as regular dances, films, musical groups, speakers and contests.

## **Student Membership on University Committees**

Qualified students have many opportunities to participate in University governance through membership on various committees. Several students are appointed to each standing faculty committee.

In addition, students are also serving on each of the following Standing Committees of the University of Tampa Board of Trustees: Educational Affairs, Planning, Student Affairs.

## **Campus Organizations**

Valuable educational experiences may be gained through active participation in approved campus organizations. All students are encouraged to participate in one or more organizations to the extent that it will not deter them from high academic achievement. Majors are especially encouraged to join professional organizations associated with their interests and goals.

## **Association of College Honor Society Members**

Alpha Chi (Scholarship)  
Delta Sigma Rho (Forensics)  
Omicron Delta Epsilon (Economics)  
Omicron Delta Kappa (Men's Leadership)  
Phi Alpha Theta (History)  
Psi Chi (Psychology)

## **Other Honor Societies and Professional Fraternities**

Alpha Psi Omega (Dramatics)  
Delta Sigma Pi (Men's Business)  
Epsilon Pi Tau (Industrial Arts)  
Kappa Delta Pi (Education)  
Kappa Kappa Psi (Men's Band)  
Kappa Pi (Art)  
Lambda Alpha Epsilon (Criminal Justice)  
Phi Gamma Nu (Women's Business)  
Pi Delta Epsilon (Journalism)  
Sigma Alpha Eta (Speech Pathology)  
Sigma Tau Delta (English)  
Tau Beta Sigma (Women's Band)

## **Interest Groups and Other Organizations**

Biology Club  
Black Students Association  
Chemistry Club  
DeLo Forensic Society  
French Club  
International Relations Club  
Newman Club  
Pen and Sword  
Pershing Rifles  
Philosophy Club  
Photography Club  
Physical Education Majors Club  
Spanish Club  
Young Democrats  
Young Republicans

## **Service Clubs**

Circle "K"  
Civinettes

## **Fraternities and Sororities**

### **Fraternities**

Alpha Epsilon Pi  
Pi Kappa Phi  
Sigma Phi Epsilon  
Tau Epsilon Phi  
Tau Kappa Epsilon  
Theta Chi  
Zeta Beta Tau

### **Sororities**

Alpha Chi Omega  
Delta Phi Epsilon  
Zeta Tau Alpha

## **Athletics**

The University of Tampa offers a comprehensive program of inter-collegiate and intramural sports for men and women to insure participation of the maximum number of students in worthwhile organized physical activities.

This program supplements the academic work of the University and assists the total development of the individual student.

The leading men's varsity sport is football. Other scheduled inter-collegiate sports for men are baseball, crew, wrestling, tennis, golf, soccer, and water skiing.

The women's varsity sports program includes archery, basketball, bowling, softball, swimming, volleyball, and tennis.





The extensive intramural programs for men and women include competition in archery, badminton, basketball, bowling, fencing, foul shooting, golf, handball, horseshoes, softball, swimming, table tennis, tennis, tug-o-war, touch football, volleyball, and wrestling.

### **Radio, Television, Publications**

Local commercial radio and television stations sponsor a number of public service programs which frequently feature University of Tampa faculty, staff and students. Several members of the faculty also conduct their own programs. In addition, the University supplies professors and instructors to participate in programs on the local educational television station, WEDU-TV.

Two courses in radio station management and operation are included in the curriculum through the courtesy of Tampa radio station WSOL. Station personnel are the teachers in this on-the-job educational course which covers FCC regulations, sales, traffic, equipment operation and news gathering. Students prepare their own one-hour program which is aired weekly.

Staff and faculty members regularly contribute book reviews to local papers. Their views on timely topics are also published periodically in other columns of the dailies.

University of Tampa students are employed part-time by radio and television stations and by the newspapers of the area. A number of those so employed have remained on the permanent staffs after completing their education.



## **Student Newspaper — The “Minaret”**

Students interested in journalism, either as a career or as an educational experience, serve as members of the staff of the “Minaret,” student-published weekly which is operated under the supervision of the Student Publications Committee. Staff membership at all levels is open to all interested students. Promotions within the staff are on a competitive basis. The Editor, Associate Editor, Layout Editor, and Business Manager are selected each year by the Student Publications Committee on the basis of experience, performance on the staff, and qualifications for the posts.

## **The University Yearbook — The “Moroccan”**

The “Moroccan,” University yearbook dedicated to the senior class, offers students another type of editorial and business-advertising experience. Presenting a pictorial essay of the academic year in a beautifully bound book, the “Moroccan” is also produced entirely by the University of Tampa students working under the supervision of the Student Publications Committee. The Editor and Assistant Editor are selected by the Student Publications Committee on a competitive basis. Other factors considered are experience, performance and qualifications. Staff members receive compensation for their services.

## **Student Literary Publication**

“The University of Tampa Poetry Review” is a quarterly publication of international circulation. It is edited by a member of the English Department and staffed with students.

## **Special Events**

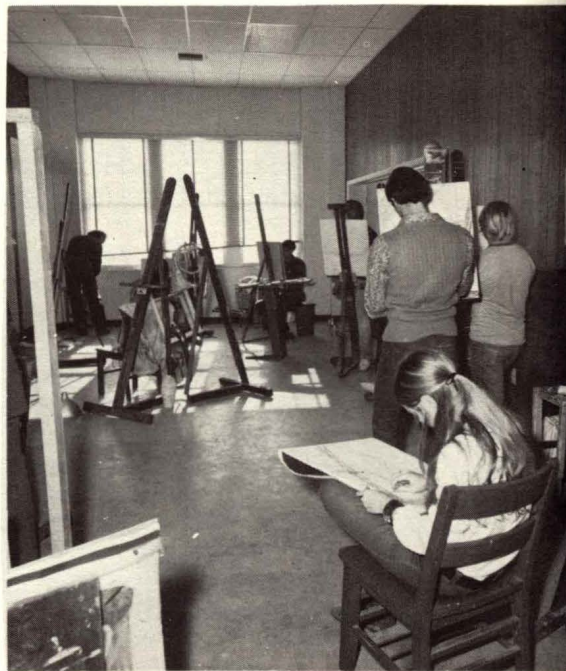
The special events of the University are focused on four series. The Impact Series is concerned with issues that have a far-ranging effect upon our society. Well-known personalities spend at least one day on campus visiting classes, meeting with small groups of students, and delivering a major address to the University community. Recently this series has been concerned with the environmental crisis, consumerism, the presidential election, and the educational crisis. Ralph Nader, David Brinkley, Harold Taylor, and others have been featured in this series.

The Performing Arts Series provides a wide variety of events including string quartets, classical and jazz guitarists, and poetry recitals.

The University Lecture Series presents speakers whose topics are relevant to students with special interests. For instance, this series has focused on ESP, neurophysiology, music criticism, and ecology.

In addition there is a Film Series each year. Recently this included Lord Kenneth Clark's *Pioneers of Modern Painting* which covers the life and work of Edward Manet, Paul Cézanne, Georges Seurat, Henri Rousseau, and Edvard Munch.





## Musical Activities

The University of Tampa has a strong program of musical activities. In addition to the following University groups, there are numerous opportunities in the Tampa area for students interested in choral and instrumental music.

**University Singers** — The University Singers is open to all University students and affords the opportunity to study and perform choral works of all periods.

**Madrigal Singers** — In addition to the University Singers are the Madrigal Singers who specialize in vocal music of the Renaissance and Baroque eras and standard small choral literature.

**University Men's Glee Club** — The University Men's Glee Club, a singing group, appears throughout the local area singing traditional and popular glee club music.

**Band** — The University "Spartan Marching Band" is an organization which appears at all home football games and represents the University throughout the years as "The Biggest Little Band in the South." Membership is open to all students regardless of major field of study. The student-oriented Band offers fraternal service and social activities through Kappa Kappa Psi fraternity and Tau Beta Sigma. During the second semester the University Band features open-air "Concerts in the Park" and the annual Festival of Band Music for students and the public.

**Stage Band** — A select group of musicians who are interested in studying and performing virtually all forms of jazz music. Membership is selected from students in the University Band.





## **Art**

The University believes that art is an important part of a liberal education. Thus, in addition to regular art courses, it provides art shows for the student body, cooperates closely with recognized art groups in the community, and participates in art exhibitions throughout the area.

## **Speech and Drama**

All students are encouraged to participate in University theatrical productions, whether or not they are majoring in that area. The Theatre Enrichment Program offers the public high schools in the vicinity a unique opportunity to view a variety of fine theatre produced by the University Players.

The Laboratory Theatre is designed for students who wish to produce, direct, write or act on their own initiative with a minimum of faculty supervision.

The University of Tampa's Suncoast Forensic Tournament brings to the campus annually twenty-five out-of-state college and university representatives for competition in debate, oral interpretation, public speaking and readers' theatre. An active forensic program, offering trips to other intercollegiate forensic tournaments, is also sponsored by the University.



# ADMISSION TO THE UNIVERSITY

Correspondence regarding admission to the University should be addressed to the Director of Admissions and Records, University of Tampa, Plant Park, Tampa, Florida 33606.

**Note: The University of Tampa reserves the right to refuse admission to any applicant, or readmission to any student, or to dismiss any student whose conduct is judged detrimental to the University program.**

## Students Who Have Never Attended College

### Requirements for Admission

Admission to the freshman class is based upon (1) academic performance in high school or high school equivalency earned through the General Educational Development Tests (G.E.D.); (2) recommendation of the high school counselor or principal; and (3) results of the Scholastic Aptitude Test (S.A.T.) administered by the College Entrance Examination Board. Although the S.A.T. is preferred, applicants may present the results of the American College Test (A.C.T.) or, in the case of Florida residents, the scores earned on the Twelfth-Grade Placement Test.

### Early Admission

Unusually well-prepared students who have completed the junior year in high school may be considered for early admission if they submit special credentials and have the unqualified recommendation of their principal or counselor. Inquiries should specifically mention Early Admissions Plan.

### Advanced Placement Program

Applicants may receive advanced placement credit for academic work completed in high school.

Candidates should submit the results obtained on the Advanced Placement Tests administered by the College Entrance Examination Board.

## **Advanced Standing Through the C.L.E.P. Program**

High school students have the opportunity to gain full admission to the sophomore class by submitting satisfactory results on the battery of tests administered through the College-Level Examination Program (C.L.E.P.) of the College Entrance Examination Board. These tests measure the student's general knowledge in the broad areas of English composition, social studies, humanities, general science, and mathematics.

Full or partial credit may be granted as a result of these tests which may enable the student to bypass the required freshman-level courses in these areas. It is likely that each high school senior has knowledge in one or more of these areas that he can demonstrate successfully through the C.L.E.P. tests.

## **Early Decision Plan**

The qualified student who wants to begin college in the Fall semester and receive an early notice of acceptance need only indicate on the application form that he wishes such decision and have all required credentials in the Office of Admissions and Records prior to November 1.

## **Procedures for Applying**

Application should be made at the end of the junior year or as early as possible in the senior year of high school. A tentative acceptance may be given on the basis of a 3½-year high school transcript; however, final acceptance will be based on the complete high school record. The following are required:

1. Application form, completely filled out.
2. Application fee: \$20.00.
3. High school transcripts showing academic program completed, scholastic average, date of graduation, and recommendation of counselor or principal.
4. Scores on the Scholastic Aptitude Test (or on the A.C.T. or Florida Twelfth-Grade Placement Test).
5. Scores on the C.L.E.P. Tests, for those applicants desiring advanced standing credit.
6. The University's medical form.
7. Two 2 x 2½ inch photographs.
8. Photostatic copy of DD Form 214, for those applicants who have been in military service.

Arrangements to take the S.A.T., C.L.E.P., or Advanced Placement tests can be made by writing the Secretary of the College Board, Box 592, Princeton, New Jersey. Applicants in western states should contact the Secretary of the College Board, Box 9896, Los Angeles, Calif.

## **Transfer Students**

### **Requirements for Admission**

Applicants who wish to transfer to the University of Tampa must request that a complete transcript of credits from each institution previously attended (even though credit may not have been earned)



be sent directly to the Director of Admissions and Records, University of Tampa. Personnel Dean's Report of the last college attended must also be filed. Applications cannot be processed until all of these documents have been received by the University of Tampa. A high school transcript will be required only when specifically requested.

The applicant must be eligible to re-enter the institution last attended. A "C" average or better is normally required, but for mature students who do not possess a "C" average, admission may be considered if the experience, maturity, and age of the applicant indicates the ability to perform in a satisfactory manner.

### **Advanced Standing for Associate Degree Holders**

A student qualified for admission who possesses an Associate of Arts Degree earned in the transfer preparatory program of a regionally accredited junior or community college may enter the University with full junior status, providing at least 56 semester hours had been earned toward the Associate Degree. In addition, such students will not normally be required to take any further courses toward the University's lower-level general education requirements, unless the student's background in these areas is deemed insufficient.

The University of Tampa has Direct Transfer Agreements with a number of junior and community colleges throughout the country. These institutions are listed under the Academic Policies and Procedures section of this bulletin.

### **Transfer Credit Acceptance Policy**

The University of Tampa recognizes that today large numbers of students transfer from one institution to another, and believes that such students should not incur undue hardship in the matter of transferring credit. It is also believed that certain collegiate credit should be awarded for demonstrated knowledge not obtained directly in the college classroom.

The University therefore has established a liberal transfer credit acceptance policy. Complete details are outlined in the Academic Policies and Procedures section of this bulletin.

A student who has paid the application fee may request an evaluation sheet listing all credit granted in transfer. Such an evaluation sheet may be secured prior to the first semester of enrollment only if all transcripts, score reports, and other necessary documents have been received by the University at least 60 days prior to registration.

**Note: Any student who withholds any part of his or her record at another institution will be permanently dismissed without credit for work completed at the University of Tampa.**

### **Procedures for Applying**

For admission as a transfer student, the following are required:

1. Application form, completely filled out.
2. Application fee: \$20.00 for degree-seeking students; \$5.00 for non-degree students, and re-applicants.
3. Complete transcript of credits from each institution previously attended, plus score reports and other substantiating documents as required.
4. Personnel Dean's Report of the last college attended.



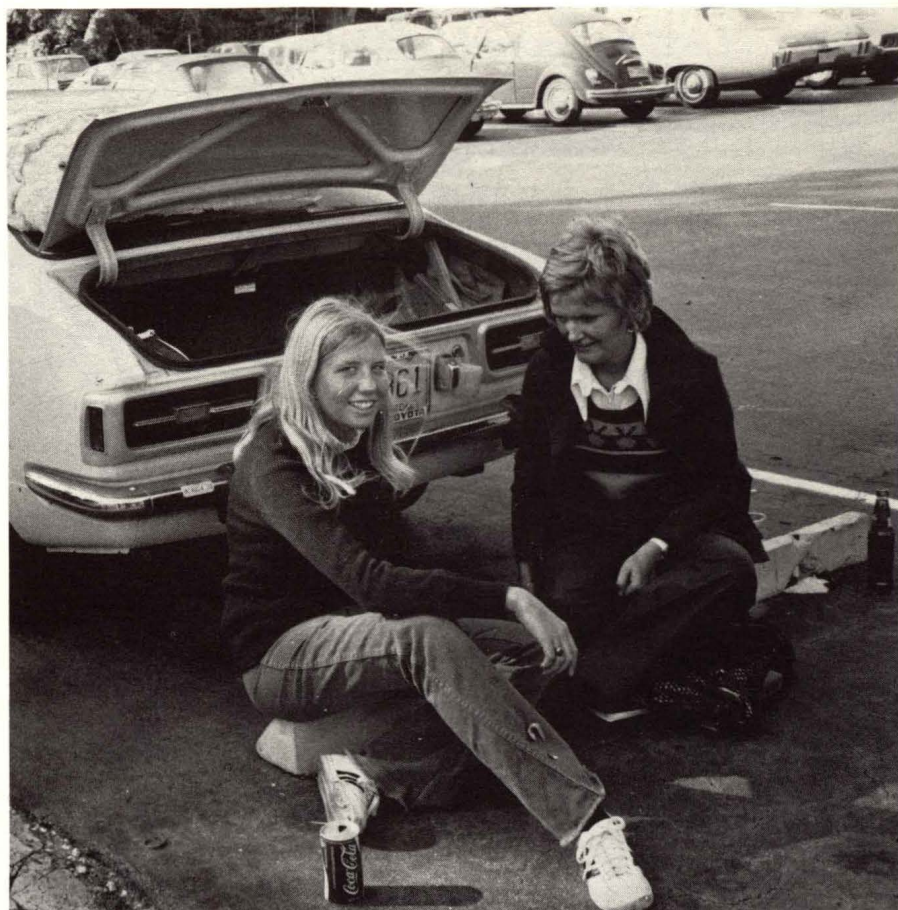


5. Two 2 x 2½ inch photographs.
6. Photostatic copy of DD Form 214, for those applicants who have been in military service.
7. The University's medical form.

## **Students From Other Countries**

Students from other countries are encouraged to apply for admission. The requirements for admission are the same as those for American high school or transfer students, except that results in the Test of English as a Foreign Language (T.O.E.F.L.) examination is required in place of the S.A.T. or A.C.T.





### **Transient (Visiting) Students**

A student who is in regular attendance at another institution may register as a visiting student for one semester or the Summer Session. A transient student must submit:

1. Application form and \$5.00 application fee.
2. A letter from the institution in which the applicant is enrolled granting permission to attend the University of Tampa and outlining the courses for which the applicant is allowed to register and the period of time for which he is permitted to enroll.
3. A transient student is permitted to register for two terms consecutively but must submit a permit from his regular college for each term. After a visiting student has completed two terms consecutively at the University of Tampa, he must either make application as a transfer student or return to his former college.

### **Auditor Students**

A student may register as an auditor. No college credit is earned, and the academic work is not graded. The auditor student must submit an application form, a photograph, and \$5.00 application fee. Records of previous academic work are not required.

## **Elementary and Secondary School Teachers**

Elementary and secondary school teachers may attend the University for the purpose of taking courses for certification by simply submitting an application, a \$5.00 application fee, and a copy of their State Certification. No other documents or records of previous academic work are required, unless the student intends to work for a second degree.

## **Reserve Officers Training Program (ROTC)**

All students are eligible to enroll in the Army ROTC Program. Applicants who are regular students at other institutions are eligible to apply for full participation for credit in the ROTC Program at the University of Tampa without entering the University's regular academic program.

Participants in the ROTC Program are eligible for three-, two-, and one-year scholarships awarded by the United States Army and based on academic standing and demonstrated leadership potential.

All inquiries should be addressed to either the Professor of Military Science or the Director of Admissions and Records.

## **Pre-College Music Program**

The University of Tampa offers a program of music study for high school students on Saturdays during the Fall and Spring semesters. Private instrumental instruction, theory, and secondary piano are available to serious high school musicians. Complete information is available by contacting the Chairman of the Division of Fine Arts or the Director of Admissions and Records.





# FEES

The University of Tampa follows the policy that educational costs should be kept as low as possible consistent with excellent instruction and facilities.

## **Application Fees (Non-refundable Processing Fees)**

### **Degree-Seeking Students — Full-Time (12 Hours or More)**

\$20.00 Accompanying application form.

### **Non-Degree-Seeking Students and Re-Applicants**

\$5.00 Accompanying application form.

## **Deposits**

- \$50.00 Required of all part-time students (11 hours or less).
- \$150.00 Required of all full-time students (12 hours or more). These deposits are required each semester on May 1 and December 1 or ten days after date of acceptance for new students. Continuing students are required to pay the deposit on date established by the Office of Admissions and Records for pre-enrollment privilege.
- \$50.00 Summer Session — Commuting Students.
- \$150.00 Summer Session — Campus Housed Students. Summer Session deposits are due on date established by the Office of Admissions and Records for pre-enrollment or ten days after acceptance for new students. Deposits are not required of Evening students.

Deposits for Winter Intersession to be published.

Credit for deposits will be applied at registration time. If an accepted applicant fails to enroll, the deposit is then forfeited, regardless of circumstances. Updating is not permissible.

Acceptance or continued acceptance is neither guaranteed nor implied by payment of regular deposits.

## Estimated Cost

Expenses for a full year (two semesters) at the University of Tampa may be judged from the following estimates:

	Men	Women
Fees	\$1,900.00	\$1,900.00
Food	550.00	550.00
Dormitory	450.00 to 600.00	500.00 to 650.00
Total estimated University cost	\$2,900.00 to \$3,050.00	\$2,950.00 to \$3,100.00
*Books and supplies	135.00	135.00
Total estimated cost	\$3,035.00 to \$3,185.00	\$3,085.00 to \$3,235.00

\* Student must be provided with sufficient funds to purchase books and supplies direct from the bookstore. Personal needs are not included in the estimated cost.

## Miscellaneous Fees

The following miscellaneous fees are charged where they apply:

Applied music fee (\$20.00 each course)	\$20.00	Returned check	5.00
Graduation fee, required of seniors for each graduation date attempted	25.00	Reissuance of I.D. card, each	5.00
Change of course after registration (Drop-Add)	15.00	Incorrect I.D. number	5.00
Teaching Internship Application fee	10.00	Make-up examination (any written test)	5.00
Regular student late registration (regardless of circumstances)	10.00	Transcript fee (each)	1.00
		Campus Parking Permit (Car)	5.00
		(Motorcycle)	2.50
		Practice Room (one hour a day each semester)	4.00
		Psychology field fee	35.00

## Fees For Each Semester, Intersession, or Summer Session

Hours	Fees
1	\$ 75.00
2	115.00
3	155.00
4	201.00
5	241.00
6	281.00
7	326.00
8	494.00
9	546.00
10	793.00
11	869.00



Hours	Fees
12-17	950.00
18	1,025.00
19	1,065.00
20	1,105.00
21	1,151.00
22	1,191.00

Enrollees in Seminars and courses sponsored by Continuing Education, credit and non-credit, are subject to published changes.

### **Fees For Auditors**

All students auditing courses pay the same University fees as regularly registered full- or part-time students.

Fees do not include the cost of materials used in art or industrial arts courses.

**The University of Tampa reserves the right to change any or all charges for room, board, or fees at any time circumstances dictate.**

### **Financing**

Fees for the semester, as well as room and board when applicable, are payable at registration. Students and parents desiring to pay expenses in installments are advised to investigate the Student Financial Aid section of this catalog. Financing should be arranged well in advance so funds will be available at the time of registration. Complete information concerning student loans, scholarships, and grant-in-aid can be obtained by writing the Student Financial Aid Officer, University of Tampa.

### **Residence Halls**

	Men	Women
<b>Air-conditioned rooms</b>	Howell Hall Delo Hall	McKay Hall Smiley Hall

### **Room Rate Schedule Per Student Per Semester**

Single	\$300.00
Single (with private bath)	\$325.00
Double	\$250.00
Double (with private bath)	\$275.00-\$300.00
Triple	\$225.00
Suite For Four	\$250.00

No room assignment is official until a student receives a written verification or assignment sheet indicating residence hall and room number. It is each student's responsibility to clarify his status regarding room assignments.

Heating and air-conditioning of student rooms is a responsibility of the University. These services are provided and regulated according to seasonal conditions.

## **Board**

The cost of board per semester is \$275.00. All students living on the campus during the Fall and Spring semesters are required to board in University facilities. Summer boarding requirements will be announced by the Office of Admissions and Records in the "Time-table of Classes" for the Summer Sessions. Students who are required to room and board at the University will not be excused therefrom because of employment.

The semester boarding charge covers the period from the day following the end of the general registration period through lunch of the day following the last day of final semester examinations. The boarding charge includes Thanksgiving vacation, but does not include Spring recess. Seniors whose names appear on the official December and May graduation lists are entitled to board through lunch of the day following graduation.

During periods not covered by the boarding fee, students may use the University's cafeteria on a cash basis.

Students are urged to review the University Calendar contained in this catalog in order to anticipate their food and other expenses during interim periods.

## **Payment of Fees**

All balances are due at the time of registration.

No deviation from this policy will be authorized except in cases of extreme and exceptional hardship and must have the approval of the Vice President for Business Affairs or the Comptroller.

Students are requested, if necessary, to make financial arrangements to meet their expenses at registration through private banking or other sources available in the Student Financial Aid Section of this catalog. Failure to make the necessary payments at registration may cause the student to lose his place in the University. Students employing an aid plan or any other source of funds are not exempted from paying deposits by the deadline dates specified in this catalog.

Continuing students are not permitted to register until all previous debts have been cleared with the Business Office. Transcripts and diplomas are withheld until all accounts, including institutional damages, are paid in full. Deposits of continuing students are not refundable.

Personal checks may be used to pay fees and other expenses at the time of registration. A fee of \$5.00 will be charged for any check not honored by the bank upon presentation. Personal checks will not be cashed by the University, so students are urged to use travelers' checks to cover their immediate expenses.

Refund for credit balances or overpayment of accounts will be made upon request of the student two weeks after registration.



## Fines and Penalties

Failure to comply with rules and regulations of the Library, parking regulations, or any other pertinent regulations, will be penalized by fines.

Transcripts and diplomas are withheld until these payments are made.

## Withdrawals and Refunds

Students who find it necessary to drop courses or change courses must secure an approved drop slip from the Office of Admissions and Records and present it to the Business Office for appropriate action.

Any student who withdraws from the University without official approval from the Vice President for Academic Affairs forfeits all fees and other charges, except his prorated board.

A student dropping courses or withdrawing from the University within two weeks (within one week for Summer Session) after the last day of registration will be granted a fifty per cent (50%) refund of fees. Board will be refunded at the rate of fifty per cent (50%) of the unexpended balance. Charges for room rent will not be refunded.

Registered students withdrawing prior to attending classes are subject to University withdrawal policy regardless of circumstances.

Any student suspended from the University or withdrawing to avoid suspension forfeits all fees and other charges, except fifty per cent (50%) of the unexpended balance of his prorated board. Boarding students suspended from the cafeteria or other Student Center facilities are not entitled to refunds or credits for the period of such suspension. A student evicted from the residence hall or relocated in another residence hall for disciplinary reasons is not entitled to a refund of room rent.

Refunds may be withheld until the student identification card is surrendered to the Business Office.

## How To Determine Amount Due University Each Semester

### For the Resident Student

Fees (Full-time student, 12 to 17 hours)	\$ 950.00
Board	275.00
Room Assignment (Enter room charge here, as advised by Personnel Dean)	_____
TOTAL CHARGES	\$ _____
Deduct:	
Total Deposit of Record	
(Required deposit is \$150.00)	_____
Make Check Payable to University of Tampa, Inc.	
in this Amount	\$ _____

**For the Full-Time (12 to 17 Hours) Commuting or Fraternity-Housed Student**

Fees \$ 950.00  
Deduct:  
Total Deposit of Record \_\_\_\_\_  
(Required deposit is \$150.00)  
Make Check Payable to University of Tampa, Inc. \_\_\_\_\_  
in this Amount \$ \_\_\_\_\_

**For the Part-Time Student (11 Hours or Less)**

Fees (See table and insert appropriate amount) \$ \_\_\_\_\_  
Deduct:  
Total Deposit of Record \_\_\_\_\_  
(Required deposit is \$50.00)  
Make Check Payable to University of Tampa, Inc. \_\_\_\_\_  
in this Amount \$ \_\_\_\_\_

Purchases of books and supplies for students, for each semester, are estimated to be approximately \$70.00. The student should be provided, personally, with ample funds to make required purchases direct from the Bookstore.

Mail all payments of deposits to the attention of the Business Office Cashier to insure proper handling.



# **STUDENT FINANCIAL AID**

The Student Financial Aid Program at the University of Tampa is intended to assist qualified students regardless of race, color, creed, sex or marital status to obtain a college education when they otherwise might lack financial resources. The University encourages high scholastic achievement and leadership by providing scholarships and awards to superior students who meet the required criteria.

## **How To Apply For Student Financial Aid**

Write to the Student Financial Aid Office. Upon request, detailed information will be sent together with application form and College Scholarship Service Form.

## **Types of Financial Aid**

### **Scholarships**

Scholarships are awarded on the basis of academic performance and need. Various private scholarships are also available. Funds are limited for all programs.

### **Loans**

Basic loan programs available at the University of Tampa:

- National Direct Student Loan (NDEA Loan)
- Federal Insured Guaranteed Bank Loan
- Law Enforcement Education Program (LEEP)
- United Student Aid Bank Loan
- Florida Bankers Association Loan
- State Guaranteed Bank Loans
- Institutional Loans
- CAP and TPI monthly payment plans

### **Grants**

Financial assistance in the form of institutional grants are available in athletics, music, LEEP, drama and art. Requests should be made to the Director of Student Financial Aid. Information on the Florida Student Assistance Grant Program will be provided annually to eligible students when available from the State Department of Education, Scholarships and Loans Division.

## Student Employment

Basic employment programs available for students:

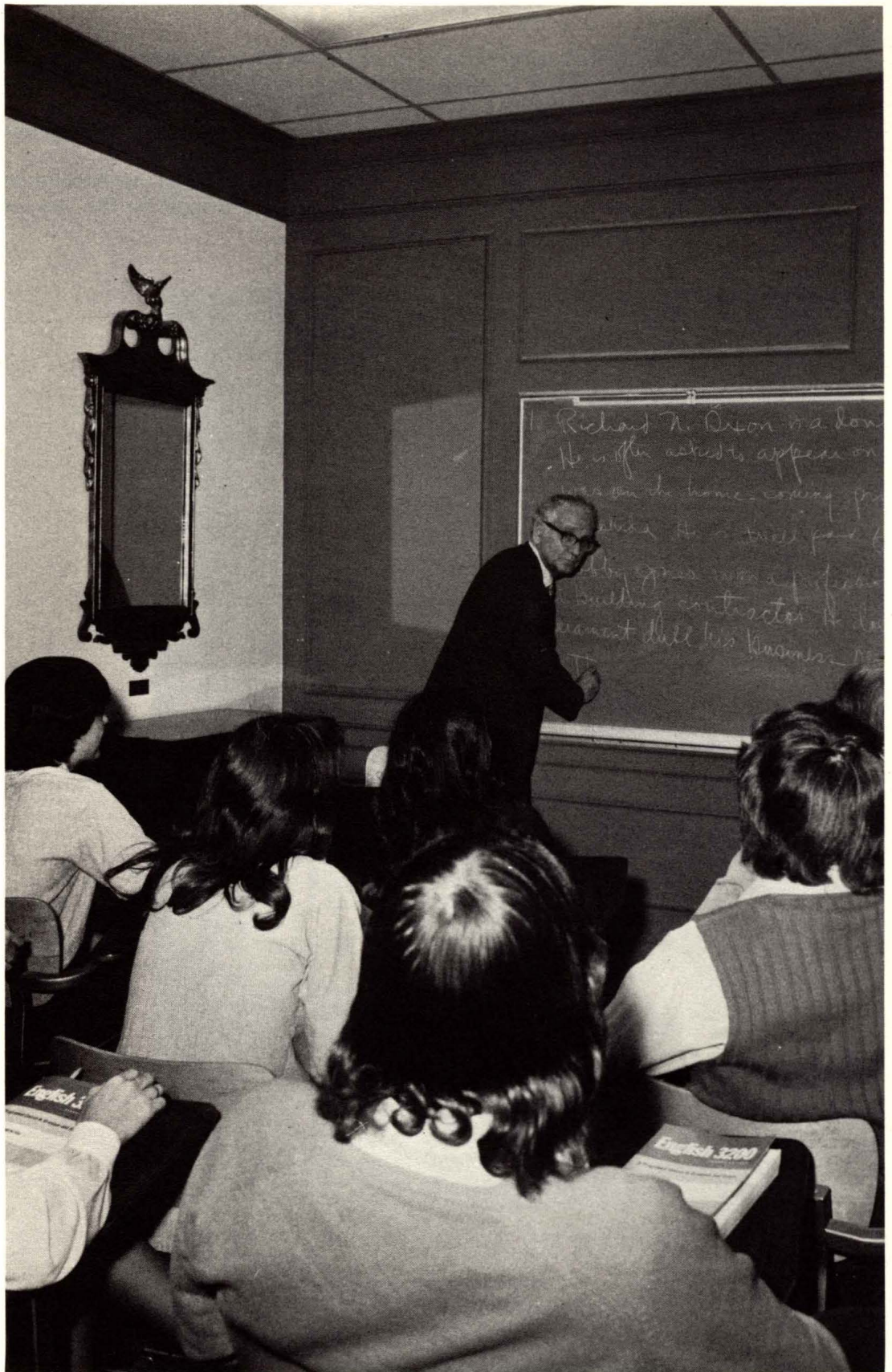
College Work-Study (Federal program) aid to students from low income families. Administered by Financial Aid Office.

Campus employment. Student assistance in offices and laboratories. Administered by Director of Personnel.

Off-Campus employment. A current listing and assistance in securing off-campus employment is provided by the Career Planning and Development Office.









# ACADEMIC POLICIES AND PROCEDURES

The University of Tampa grants the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Music, and Associate of Arts.

The following academic procedures are outlined to enable each student to secure the greatest benefit from his course of study and to make certain that he satisfies all requirements for graduation in planned sequence.

When a student enters the University, he agrees to comply with the curriculum regulations as outlined in the catalog. A student may choose either of two catalogs: (1) The one in effect at the time of original enrollment, provided the period between the original enrollment and graduation does not exceed six calendar years; or (2) the one in effect at the time of graduation. A student in teacher education must comply with the latest teacher regulations.

## Student Classification

A student's classification as a freshman, sophomore, junior, or senior is based on his standing in credit hours.

The minimum qualifications for each class are:

Freshman .....	Fewer than 26 semester hours of credit
Sophomore .....	26 semester hours of credit
Junior .....	56 semester hours of credit
Senior .....	88 semester hours of credit

Students with fewer than 56 semester hours of credit may not take advanced courses — those with numbers of 300 or more — without special permission. Seniors may not be given credit for 100-level CORE courses. Courses with numbers of 500 or more may be taken by postgraduate students only. Such courses do not provide graduate-level credit. All work earned toward the Associate degree must be on the 100- and 200-level.

## Semester Hour Credits and Honor Points

A semester hour is the unit of credit given for the satisfactory completion of a subject which meets one hour each week throughout the semester.

A system of honor points is used to evaluate the quality of work done by the student in completing his subjects. Honor points are



awarded on the basis of the point value of the grade multiplied by the number of semester hours credit carried by the subject.

Grades have the following honor point values:

A. Excellent .....	4 honor points
B. Good .....	3 honor points
C. Average .....	2 honor points
D. Passing but unsatisfactory .....	1 honor point
F. Failure .....	no honor points

Other marks given are: I for Incomplete; W for Withdrawal within first six weeks of a semester (first two weeks of a summer session); WP (if passing) and WF (if failing) for Withdrawal thereafter and until four weeks prior to final exams; S (satisfactory) and U (unsatisfactory) given for Internship Programs, Required Physical Education courses, and for all courses taken on a Pass-Fail basis. Grades of I, W, WP, S, and U carry no honor point value and do not affect grade-point averages. A grade of WF, however, affects the grade-point average in the same manner as a grade of F.

For graduation the number of honor points must be at least twice the number of semester hours for all college-level courses attempted at the University of Tampa, including courses which are repeated. This means that the student must have an average of "C" on all work **attempted** at the University of Tampa. Prior to candidacy for a degree, the student must remove all grades of "F" or "I" in required subjects.

## **Electing Courses on A Pass-Fail Basis**

Juniors and seniors who are in good standing may elect up to a total of 6 semester hours of credit toward a degree to be graded on a pass-fail basis. Courses required in a student's major or minor, those used to satisfy CORE requirements, or professional education courses may not be elected on a pass-fail basis.

Students must specify the pass-fail courses at the time of pre-enrollment or, if not pre-enrolled, at the time of registration. Students must show a transcript of their academic record at the time of pre-enrollment or registration to prove eligibility. Transcripts may be obtained in the Office of Admissions and Records.

## **Dropping Courses**

Students who drop a course or withdraw from the University within the first six weeks of the semester will receive a grade of W (for Withdrawal) on all courses dropped. After that date and until four weeks prior to the first day of final examinations, students who are failing at the time the course is dropped will receive WF. Students making passing grades will receive WP.

If a student withdraws from the University or drops a course within four weeks prior to the first day of final examinations, grades of WF will automatically be assigned.

## **Incomplete Work**

When a student is doing satisfactory work in a course but has been unable to complete the required work and the reasons given are acceptable to the instructor, a grade of I is given. In giving this grade, the instructor commits himself to the promise that there will be no penalty for lateness. He also gives the student a specific time (not more than 12 months) in which the work must be completed. Failure of the student to complete work within the time limit will result in an F being recorded as the final grade.

## **Absences**

It is the policy of the University faculty that an absence rule may be maintained by each professor according to the needs of his individual classes. Each student should see that he is thoroughly familiar with the absence policy of each of his professors. These rules will be administered entirely by the professors involved and any questions should be directed to them. Auditor students are also subject to absence rules.

## **Course Load**

A full program of study is 12 to 17 semester hours of work for each semester .

Students with less than a B average may not register for more than 17 hours. A student taking a minimum of 12 semester hours and making a B average or better, will be permitted to register for 18 hours the next semester. If the B average is maintained, he may then register for a maximum of 20 hours the following semester and may continue to do so as long as the B average is maintained. Students in Education 405 or Education 407 are restricted to 15 hours.

**Any student registering for 18 hours or more must have specific approval of the chairman of the division in which he is majoring.**

## **Dean's List**

The Dean's List is composed of students who have achieved a grade point average of 3.5 or more during the semester while taking at least 15 semester hours of work. Students remain on the list as long as the average of 3.5 or more is maintained. No student who has been disciplined or found guilty of a breach of conduct during the semester will be named to the Dean's List.



## **Honor Roll**

Students who make a grade point average of 3.0 or more while carrying at least 12 semester hours will be named to the Honor Roll. Students remain on the Honor Roll as long as they maintain the 3.0 average. No student who has been disciplined or found guilty of a breach of conduct during the semester will be named on the Honor Roll.

## **Grade Reports**

All unsatisfactory mid-semester grades and all semester and summer session grades will be mailed to students 21 years of age or older, to married students, and to parents of all other students. All students may obtain their grades at mid-term and the close of each semester and summer session from their individual professors.

Students who do not wish grades sent to parents should make this known to the Dean of Men or Dean of Women, who will notify the Office of Admissions and Records. Before this exception will be made the student must submit proof that his college expenses are not subsidized in full or in part by his parents or legal guardian or a signed statement of parental consent.

## **Regulations on Academic Warning and Dismissal**

Any student failing to maintain a cumulative grade point average at or above prescribed minimum grade levels is placed on academic warning. Failure to maintain a satisfactory academic standard may also result in a student's being permanently dismissed from the University.

Detailed scholarship regulations are printed on student's and parents' grade reports, and in the student handbook issued at the time of registration each Fall Semester.

## **Withdrawal Procedure**

Any student who desires to leave the University prior to the end of a current session must follow prescribed withdrawal procedures. Failure to withdraw officially will result in a failing grade in all courses in which the student is enrolled, jeopardizing his chances of being readmitted to the University of Tampa or transferring to another college. Official withdrawals are initiated in the appropriate personnel dean's office.

## **Requirements for Graduating Seniors**

It is the personal responsibility of each senior expecting to graduate to make certain at the beginning of his senior year that he will be able to meet all requirements for graduation. The University assumes no responsibility for a student's failure to familiarize himself

with the general and specific requirements for graduation. The senior is urged to consult his advisor or the Office of Admissions and Records concerning any problems involved in registration or the fulfillment of catalog requirements for his degree.

### **Residence Requirements**

To graduate from the University of Tampa, the student must complete the last 30 semester hours for the Bachelor's degree and the last 15 semester hours for the Associate degree in residence at the University. Attendance and participation in the commencement exercises are required for Bachelor's Degree candidates unless specific arrangements are made for graduation **in absentia**. Associate Degree candidates will not participate in the commencement ceremony.

### **Application For Degree**

Each degree-seeking student must file an Application for Degree prior to the following dates so that records may be checked to make sure that he will be able to qualify for the degree:

#### **To Graduate in:**

December  
May  
August

#### **Application must be filed not later than:**

The previous March 1st  
The previous October 31st  
The previous October 31st

### **Graduation Honors**

The names of students who graduate with academic honors are announced on Commencement Day, and the honors are inscribed on their diplomas. The four levels of honors are:

**Special Senior Honors** for those with grade-point averages of at least 3.50 earned on all work attempted in their senior year at the University of Tampa.

**Cum Laude** for those with grade-point averages of at least 3.50 earned on all work attempted at the University of Tampa and grade-point averages of at least 3.50 when combined with all previously attempted college work. At least 30 semester hours must have been earned at the University of Tampa.

**Magna Cum Laude** for those with grade-point averages of at least 3.75 earned on all work attempted at the University of Tampa and grade-point averages of at least 3.75 when combined with all previously attempted college work. At least 30 semester hours must have been earned at the University of Tampa.

**Summa Cum Laude** for those with grade-point averages of 4.00 earned on all work attempted at the University of Tampa and grade-point averages of 4.00 when combined with all previously attempted college work. At least 30 semester hours must have been earned at the University of Tampa.



## General Degree Requirements

To qualify for the Bachelor of Arts, the Bachelor of Science, the Bachelor of Fine Arts, or the Bachelor of Music Degree a student must earn a minimum of 120 semester hours credit, or 62 semester hours for the Associate of Arts Degree, and must meet general and specific course requirements. Further, he must have earned at least an average of "C": a 2.00 grade-point average on all work attempted at the University of Tampa, including repeated courses. A student must also have earned a 2.00 grade-point average in the courses specifically required and/or applying toward his major.

Candidates for the Associate of Arts Degree must complete all requirements for that degree within the first 64 semester hours which are creditable as college work at the University of Tampa. This would include all transfer and military credit granted by the University of Tampa. For the purpose of this rule, the student does not have the option of delaying the granting of such transfer credit in order to avoid having more than 64 hours recorded on his record.

Each student is responsible for making certain throughout his career at the University that he is taking the courses required to graduate. This bulletin should be used as a continuing reference in planning his course of study and selecting subjects to meet his graduation requirements. Help in planning his studies may be obtained from his faculty advisor. Each student must declare his major during the first semester of his junior year. Major Declaration Forms may be obtained in the Office of Admissions and Records.

## Transfer Credit Evaluation Policy

### Resident Transfer Credit

For qualified students, the University of Tampa accepts from other regionally accredited institutions credit which was earned with grades of "D" or better. The acceptance of such credit, however, is normally limited to that of a **liberal arts** nature. Credit earned in vocational, technical, or terminal type courses is not acceptable, unless the equivalents of such courses are offered at the University of Tampa. Credit which is deemed **liberal arts** is normally accepted, even if such credit were earned in courses not specifically offered at the University of Tampa.

Credit may be granted for work taken at some institutions which are not fully accredited by a regional accrediting association. Such credit, however, is granted only on a **provisional** basis, which means that the student must attain at least a "C" average on at least 12 semester hours of work during his first semester at the University in order to validate the transfer credit. If this condition is not met, such transfer credit is invalidated and removed from the student's record.

Not more than a total of 64 semester hours will be allowed for courses earned at a junior or community college. Also, when a student has a total of 64 or more semester hours toward a University of Tampa degree, whether earned at the University of Tampa or elsewhere, any subsequent work taken at a junior college will be ignored and will not be counted as transfer credit. Further, such junior college work will have no effect upon the validity of any transfer or



resident credit theretofore granted to the student by the University of Tampa.

No credit can be given for work taken twenty-five years ago, or longer, without subsequent successful academic experience.

### **Non-Resident Transfer Credit**

A maximum of 60 semester hours of non-resident credit may be granted. Non-resident credit is defined as all academic credit earned through means **other than** through regular classroom courses conducted on the main campus of the University of Tampa, at the MacDill Center, or **in residence** at another accredited institution. No credit is granted for Extension Course Institute (ECI) courses or other military educational sources not listed in the 1968 edition of the Guide to the Evaluation of Educational Experiences published by the American Council on Education.

### **Credit for Military Service**

The physical education requirement will be waived for any student who has completed at least one year of active military service. Such service must include basic or recruit training. No academic credit will be granted. Any student who has completed at least one year of active military service may receive two semester hours credit to satisfy the University's requirement in Health Education.

### **Correspondence Courses**

Academic credit up to a total of 30 semester hours may be granted for the completion of correspondence courses taken through the correspondence divisions of regionally accredited colleges or universities. The amount of credit allowed for each course will be the amount granted by the correspondence institution.

### **Credit Earned Through USAFI**

Students may receive academic credit up to a total of 30 semester hours, for the successful completion of USAFI group study or correspondence courses with end-of-course tests or USAFI Subject Standardized Tests. The amount of credit granted will be that recommended by the American Council on Education shown in the catalog of the United States Armed Forces Institute. Credit may be granted for the USAFI Subject Standardized Tests only if a percentile rank of 20 or better has been achieved. Credit may be granted only for those USAFI end-of-course tests whose results are reported as (D), "With Distinction," or (S), "Satisfactory."

### **Service Schools**

Students may receive academic credit, up to a total of 30 semester hours, for the successful completion of courses taken at Military Service Schools. The amount of credit granted will be that recommended by the American Council on Education in its "Guide to the Evaluation of Educational Experiences in the Armed Forces," 1968 edition. No credit is granted for training programs designated as "technical and vocational in nature." Credit recommendations on service school training which cannot be identified in the guide may be obtained by writing the Commission on Accreditation of Service Experiences. In these cases, the student should complete a Request for Evaluation Form which should be sent to the commission.



### **Extension Courses**

Extension credit may be earned in locations designated as Extension Centers or in any other off-campus location where courses not carrying "residence credit" are conducted by an institution. Total extension course credit is limited to 30 semester hours.

### **C.L.E.P. Examinations**

Students may receive academic credit up to a total of 30 semester hours for satisfactory results on any or all of the College-Level Examination Program tests (C.L.E.P.) administered either through the College Entrance Examination Board or through U.S.A.F.I.

### **Residency Requirement**

Non-residence credit may not be granted to fulfill the last 30 semester hours earned toward a University of Tampa degree. The last 30 hours must be earned in residence at the University of Tampa.

### **Documentation**

#### **Civilian Correspondence or Extension Courses**

It is required that a student who enrolls in a civilian correspondence or extension course arrange to have a transcript of record of the course sent to the University of Tampa upon completion.

#### **USAFI Courses and Examinations**

A student who wishes to have academic credit granted for USAFI work should request a test report by completing and forwarding a DD Form 1571, Request for USAFI Test Reporting, to USAFI headquarters in Madison. He should request that the test report be sent to the Director of Admissions and Records. Only original copies of test reports, marked "Official," will be accepted as documentation.

#### **Service Schools**

**Veterans:** Students who are separated or discharged from the Armed Forces must submit a DD Form 214, Armed Forces of the United States Report of Discharge, as documentation of credit for physical education and health, and credit for service school training.

**Military Personnel on Active Duty:** Students who are currently on Active Duty must submit a completed and signed DD Form 295, Application for the Evaluation of Educational Experiences During Military Service.

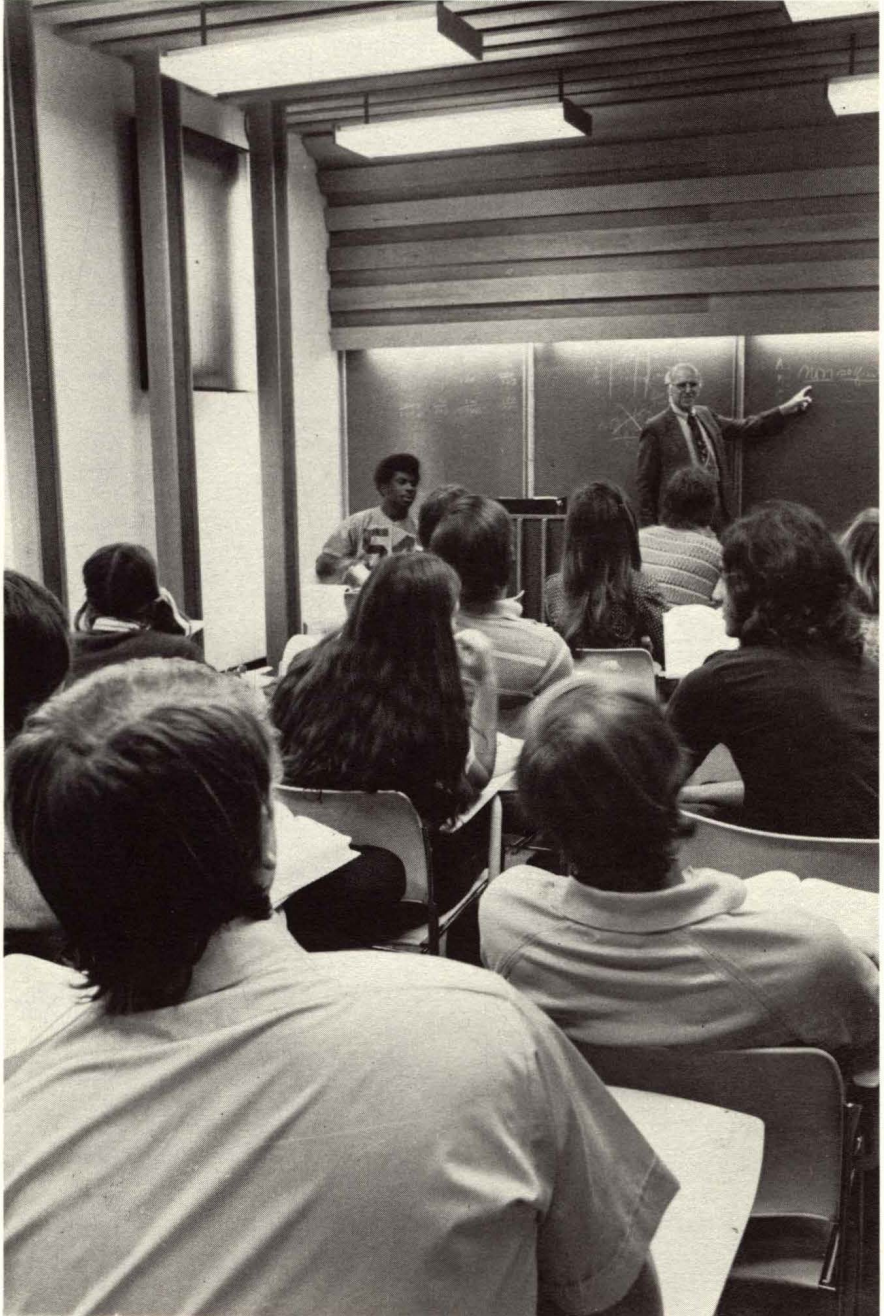
### **Direct Transfer Agreements**

The University has Direct Transfer Agreements with the following junior and community colleges. The list is current as of November 1, 1972:

Alexander City State Junior College	Alabama
Bergen Community College	New Jersey
Brevard College	North Carolina
Catonsville Community College	Maryland
Community College of Baltimore	Maryland
Community College of Philadelphia	Pennsylvania
County College of Morris	New Jersey
Essex Community College	Maryland
Essex County College	New Jersey
Marymount College of Virginia	Virginia

Montgomery College (Rockville)  
Montgomery College (Takoma Park))  
Montgomery County Community College  
Morristown College  
Nassau Community College  
Pierce Junior College  
Schenectady County Community College  
Union College  
Westchester Community College

Maryland  
Maryland  
Pennsylvania  
Tennessee  
New York  
Pennsylvania  
New York  
New Jersey  
New York









# ACADEMIC PROGRAMS

The number of semester hours required for majors and minors will depend upon the fields of concentration but may not be less than 24 for a major or 15 for a minor. Requirements for majors and minors in the various fields will be found under the headings for the several divisions in cases which involve more than these minima. At least six semester hours of the major must be earned at the University of Tampa.

Every candidate for a degree must offer a major. Students may also, if desired, complete the requirements for one or more minors or a second major. The completion of such minors or majors will be noted on the student's permanent academic record. A minor may not be earned in elementary education or music education.

## Requirements for Degrees

### Bachelor of Arts

Students majoring in criminology, economics, English, French, history, philosophy, psychology, sociology, Spanish, speech, speech and drama, or speech pathology will be awarded the Bachelor of Arts degree.

This degree requires a minimum of 120 semester hours, including the Core Curriculum, 12 semester hours of one foreign language, all major requirements, and electives.

### Bachelor of Science

Students majoring in accounting, banking, biology (general), biology (marine), business, chemistry, criminology, economics, elementary education, finance, industrial arts, industrial management, mathematics, or physical education will be awarded the Bachelor of Science degree.

This degree requires a minimum of 120 semester hours, including the Core Curriculum, all major requirements, and electives.

### Bachelor of Fine Arts

Students majoring in art will be awarded the Bachelor of Fine Arts degree.

This degree requires a minimum of 120 semester hours, including the Core Curriculum, all major requirements, and electives.



## **Accounting**

Requirements for a major in accounting-CPA: 57 semester hours of credit to include ACC 102, 103, 250, 304, 351, 352, 401, 405, 430; BUS 210, 219, 230, 231, 241, 250, 310; ECO 200, 201, 308.

Requirements for a minor in accounting: 15 semester hours of credit in accounting courses.

## **Banking (Center for the Study of Banking)**

Requirements for a major in banking: 64 semester hours of credit to include ACC 102, 103, 250, and an AIB accounting course; BUS 210, 219, 230, 232, 250, 310, 341, 350 (or ACC 351), 440, 450, 490, 499; ECO 200, 308, 321, and 430.

## **Business Management**

Requirements for a major in business management: 54 semester hours of credit to include ACC 202, 203; BUS 121, 210, 219, 230, 241, 310, 341, 350, 361, 431, 440; and ECO 200, 201, 308, 320, and 321.

Requirements for a minor in business management: 15 semester hours of credit in business courses. A minor in business management is also included in the accounting-CPA, banking, and finance majors.

## **Economics**

Requirements for a major in economics: 39 semester hours of credit to include ACC 202, 203; BUS 210, ECO 200, 201, 240, 308, 320, 321, 420, 430, 440, and 461.

Requirements for a minor in economics: 15 semester hours of credit in economics courses. A minor in economics is also included in the business management and finance majors.

## **Finance**

Requirements for a major in finance: 51 semester hours of credit to include ACC 202, 203, 351; BUS 210, 219, 230, 232, 310, 440, 450, 490; ECO 200, 201, 308, 321, 420, 430.

**Note:** MAT 210 (or equivalent) is required for all majors in this division. Neither MAT 101 nor logic will satisfy this requirement. Credit will be given for either ACC 102-103 or ACC 202-203; i.e., accounting majors may not take ACC 202-203 for credit, while business, economics, and finance majors may not take ACC 102-103 for credit.

## **Division of Education**

**Faculty:** Brick, Division Chairman; Adams, Chairman Health and Physical Education; Bignell, Chairman Industrial Arts; Professors Fellows, Wolfe; Associate Professor Lake; Assistant Professors Allen, Benz, Bragg, Hayes, Hopf, Koopman, Kratz, LaPorte, Rodriguez; Instructor Rosenberry

The philosophy of the Division of Education is that character, personality, broad liberal arts background, concentration in a major area, and professional training are of importance in the selection and preparation of teachers.



Satisfactory completion of the prescribed program satisfies the requirements for certification in the State of Florida and most other states. Sophomore standing is required for admission to education courses.

All students working toward certification are required to gain extensive experience working with children. Church organizations, scout troops, youth clubs, recreational centers, tutoring, and baby-sitting are a few of the many possibilities.

Students planning to teach must apply for acceptance to the program at the beginning of the junior year. The Teacher Education Committee will review the qualifications of each candidate before acceptance or rejection is decided. Remedial study and experience in the communications and speech laboratories may be required.

### **Internship Programs**

Students desiring to enroll in the internship program (EDU 405, 406, or 407) must apply no later than the end of the third full week of classes of the semester preceding the proposed internship. At the time of application a student must have a cumulative "C" average or better. A minimum "C" average must be achieved also in the major and professional education courses. Internship is planned for the terminal semester. Earlier consideration requires special permission. Denial to the program is for the following reasons: 1. grade-point average below the minimum requirement; 2. physical, emotional, social, or psychological abnormalities incompatible with performance in standard public school classrooms; 3. lack of motivation; 4. failure to complete requirements in professional education courses. The internship program is a full-time activity. Normally the student is not permitted to enroll for any other course during the semester. Extra-curricular activities must be held to minimum.

### **Elementary Education**

Requirements for a major in elementary education: 51 semester hours of credit to include 24 hours of professional courses, EDU 200 (or 400), PSY 240, EDU 302 and 405; and 27 hours of major courses EDU 202, 204, 208, 230, 305, 307, 312, 320, and 419.

To qualify for teacher certification in Early Childhood Education in Florida, the major must include EDU 321 and 322.

### **Secondary Education**

To qualify for teacher certification on the secondary level in Florida, the following 24 hours of professional courses are required in addition to the requirements in the major teaching field: EDU 200 (or 400), PSY 240, EDU 407 (or 406), and EDU 423. Additional courses are required in some major areas.

### **Physical Education**

Requirements for a major in physical education: 32 semester hours 210, 240, 252, 312, 320, 321, 400, 411, 412. Women students will substitute PED 260 and 261 for PED 320 and 321.



To qualify for teacher certification in physical education on either the elementary or secondary level in Florida, the following 21 hours of professional courses are required in addition to the major requirements: PSY 240, EDU 200, and EDU 405 or 407.

Requirements for a minor in physical education: 16 semester hours of credit.

### **Industrial Arts**

Requirements for a major in industrial arts: 30 semester hours of credit to include IAR 120, 220, 204, 205, 230, 300, 304, 305, 212, and 213.

Requirements for a minor in industrial arts: 15 semester hours of credit.

### **Speech**

Requirements for a major in speech: 30 semester hours of credit to include SPE 100; 200 or 201; 205; 206; 208 or 209; 302; 412, and SPP 200; and 6 hours chosen from SPE courses numbered 200 or above, 3 of which may be substituted with PHL 201. Also, students taking SPE 201 should elect SPE 202 as one of the SPE electives.

Requirements for a minor in speech: 21 semester hours of credit to include SPE 100, 200, 205, 206, 209 or 302, 412, and SPP 200.

### **Speech and Drama**

Requirements for a major in speech and drama: 35 semester hours of credit to include SPE 100; 200 or 201; 206; 209 or 302; SPE 205 or DRA 204; DRA 206 or PED 100; DRA 101; 102; 313; 314; 3 hours of SPE or DRA elective on 200-level or above; and 3 hours of SPE or DRA elective on 300-level or above.

Requirements for a minor in speech and drama: 23 semester hours of credit to include SPE 100 or 200; SPE 206; SPE 209 or 302; DRA 206 or PED 100; DRA 204 or SPE 205; DRA 101, 102; and 3 hours of drama elective.

### **Speech Pathology**

Requirements for a major in speech pathology: 57 semester hours of credit to include SPE 100 and 206; SPP 200, 303, 305, 306, 307, 308, 309, 401, 402; PSY 210, 311 (or MAT 201); and EDU 200, 520, and 521. A minor in psychology or sociology is suggested.

For information on dual certification in speech pathology and elementary education, see the chairman of the Division of Education.

## **Division of Fine Arts**

**Faculty:** Green, Chairman; Associate Professors Park, Petti, Rodean, Testa-Secca; Assistant Professors Harris, Nosti, Westly; Instructors DeMeza, Edberg, Holleman, Michaelson

### **Art**

Requirements for a major in art: 60 semester hours of credit to include 12 hours of art history, including 6 hours of courses 300-level



or above; 12 hours of drawing; 3 hours each in ART 200, 201, 202, 260, 261, 351, 460, or equivalents; and 9 hours of concentration, in addition to the required courses, in one of the following areas: drawing, painting, printmaking, sculpture, ceramics, and design.

To qualify for teacher certification in art on the secondary level in Florida, the major must include ART 212 and EDU 204 in addition to the required professional education courses.

Requirements for a minor in art: 18 semester hours of credit to include 3 hours each in drawing, painting, sculpture or ceramics, and art history.

Requirements for a minor in art history: 18 semester hours of credit in art history.

## **Drama**

See Speech and Drama under the major listings for Division of Education.

## **Music**

Students uncertain about their professional objectives are urged to begin with MUS 122, Private Applied Lessons, and one ensemble. This schedule will insure proper music major courses required for advanced study while permitting smooth transfer to all other degree programs at a later date.

Requirements for a major in Music Education: 58 semester hours of credit to include 29 hours in musicianship: MUS 122, 123, 206, 207, 208, 222, 223, 322, 324, 325, 330; and 29 hours in musical performance: MUS 225, 226, 227, 228, 229, 436, 12 hours of applied music major instrument, and 9 hours of ensembles. This major also requires the following professional education courses: PSY 240, EDU 200, 230, 423, and 407.

Requirements for major in music with concentration in instrumental music, vocal music, or music theory: 65 semester hours of credit (or 71 for music theory majors) to include 33 hours in musicianship: MUS 122, 123, 206, 207, 208, 222, 223, 322, 323, 324, 325, 330 (plus 422 and 423 for music theory majors); and 32 hours in musical performance: MUS 436, 289, 4 hours of applied music major instrument, 12 hours of applied music minor instrument, and 12 hours of ensembles.

Candidates for the music major are required to take the music curriculum outlined above with major concentration determined in consultation with the Director of Musical Studies.

All candidates for the music and music education majors are required to take a piano proficiency examination prior to the completion of the sophomore year.

Requirements for a minor in music: 21 semester hours of credit to include MUS 122, 123; 6 hours chosen from MUS 206, 207, 208, 209; 4 hours of applied music; and 5 hours of ensembles.

Applied music students must play before a jury of faculty and staff members at the end of each semester's work in order to receive credit. Satisfactory musical progress must be displayed on each jury to qualify for the Bachelor of Music degree.

All music majors must participate in a University ensemble in each semester.



Music majors register for one hour lesson weekly (2 semester hours). Music minors register for one-half hour lesson weekly (1 semester hour).

## **Division of Humanities**

**Faculty:** Thompson, Chairman; Professors Fernandez, Harder, Locke, McFadyen, Mendelsohn, Stewart; Associate Professors Gallagher, Gillen, Leith; Assistant Professors Cave, Lohman, Meats, Saatkamp, Williams; Instructors Ross, Singletary

### **English**

Requirements for a major in English: 30 semester hours of credit to include 15 hours chosen from ENG 201, 202, 206, 207, 208 and 209; and 15 hours chosen from courses numbered 300 or above.

To qualify for teacher certification in English on the secondary level in Florida, the major must include ENG 204, 205, 312, and 3 hours in American Literature, in addition to the required professional education courses.

Requirements for a minor in English: 18 semester hours of credit to include ENG 101-102; 6 hours chosen from ENG 201, 202, 206, 207, 208, and 209; and 6 hours chosen from courses numbered 300 or above.

### **French**

Requirements for a major in French: 24 semester hours of credit in courses numbered 200 or above; and 12 hours in another modern language.

Requirements for a minor in French: 18 semester hours of credit.

### **Philosophy**

Requirements for a major in Philosophy: 30 semester hours of credit to include PHL 200, 201, 300, 301, and 450.

Requirements for a minor in Philosophy: 18 semester hours of credit to include PHL 200 and 201. REL 301 may be counted.

### **Religion**

Requirements for a minor in Religion: 15 semester hours of credit. PHL 212 may be counted.

### **Spanish**

Requirements for a major in Spanish: 24 semester hours of credit in courses numbered 200 or above; and 12 hours in another modern language.

Requirements for a minor in Spanish: 18 semester hours of credit.



## **Division of Sciences and Mathematics**

**Faculty:** Gude, Chairman; Professors Ellison, Walker; Associate Professors Ford, Narske, Smith, Worobey; Assistant Professors Kainen, Langlinais, Monaloy, Reynolds, Sheppard, Strother, Truxillo, Waite

### **Biology**

Requirements for a major in biology: 70 semester hours of credit to include BIO 201, 202, 214 or 215, 405; 22 hours of biology selected in consultation with academic advisor, to include at least 12 hours of courses numbered 300 or above; CHE 150, 151, 230, 231; PHY 200, 201; and MAT 160, 161. CHE 302 may be elected as biology credit.

The proper selection of biology and collateral courses will provide the biology major with broad flexibility and will enhance the student's success in professional and graduate schools, as well as many biologically oriented careers in teaching, industry and government.

Requirements for a minor in biology: 20 semester hours of credit selected in consultation with the academic advisor. The following course sequence is recommended for the criminology major who elects a biology minor: BIO 203, 204, 210, 211, 220, 224.

### **Biology — Marine Biology Concentration**

Requirements for a major in biology with a marine biology concentration: 70 semester hours of credit to include all of the courses required for a major in biology, including courses in marine biology selected in consultation with the academic advisor. The marine biology courses are BIO 218, Marine Symbiology; BIO 220, Marine Biology; BIO 222, Biology of Tampa Bay; BIO 320, Oceanography; BIO 322, Marine Ecology; and BIO 450, Biological Research — Marine Biology.

The biology student who wishes to concentrate in marine biology will have three major post-baccalaureate choices: 1. a career in marine and conservation law enforcement, 2. a career as a marine biological technician, and 3. preparation for graduate training in marine biology.

### **Chemistry**

Requirements for a major in chemistry: 59 semester hours of credit to include CHE 150, 151, 200, 230, 231, 350, 351; PHY 200, 201; MAT 160, 161, 249, 250, 251.

Students seeking American Chemical Society accreditation must complete, in addition to the chemistry major requirements, CHE 203, at least 6 hours of chemistry electives, and one year of German or French.

Requirements for a minor in chemistry: 16 semester hours of credit to include CHE 150, 151, and 8 additional semester hours of chemistry.

### **Mathematics**

Requirements for a major in mathematics: 27 semester hours of credit to include MAT 249, 250, 251, 304, and 9 hours selected from MAT 305, 306, 307, 406, and 410. One year each of chemistry and



physics recommended.

Requirements for a minor in mathematics: 15 semester hours of credit to include MAT 249, 250, and 251.

### **Medical Technology**

Requirements for a major in medical technology: 86 semester hours of credit to include MAT 160, 161; BIO 203, 204, 307, 317 or 330; CHE 150, 151, 200, 203, 230, 231; PHY 200, 201; and 12 months of medical technology internship for 30 semester hours in the senior year.

The medical technology internship and laboratory training is performed at Drs. Patterson and Coleman and Associates, the School of Medical Technology of Tampa General Hospital, or any laboratory or hospital approved by the Council on Medical Education and Hospitals of the American Association and Board of Medical Technology of the American Society of Clinical Pathologists.

The University will assume no responsibility for the student's admission to the medical technology laboratory or hospital. Present facilities in Tampa do not provide training for more than 6 to 12 students per year. Hence, students in excess of this number will be required to find technology training outside of Tampa. .

### **Physics**

Requirements for a minor in physics: 16 semester hours of credit in physics courses numbered 200 or above, including PHY 200 and 201.

## **Division of Social Sciences**

**Faculty:** Beiser, Chairman; Professors Dunn, Gilgash, Haney, Keene, Speronis; Associate Professor Jennings; Assistant Professors Botjer, Burr, Decker, Fisher, Garten, Hopf, Jani, Lindenmeyer, McCord; Instructor Rynder

### **Criminology**

Requirements for a major in Criminology: 54 semester hours of credit to include SOC 200, 201, 210, 211, 214, 300, 301, 304, 305, and 3 hours additional sociology; ECO 200, 201; ACC 102, 103; BUS 219, 241; and POA 205, 206.

The criminology major following the program outlined above qualifies for the Law Enforcement Education Program (LEEP). A student holding an Associate Degree in police administration or police science from an accredited junior or community college will be considered to have met the police administration courses listed above. See Division of Sciences and Mathematics for a biology minor of special interest to criminology majors.

### **Geography**

Requirements for a minor in Geography: 15 semester hours of credit.



## **History**

Requirements for a major in history: 30 semester hours of credit, exclusive of Core courses (HIS 100, 101), but including HIS 202, 203, 311, and 312; and 3 hours in geography.

Requirements for a minor in history: 15 semester hours of credit, exclusive of HIS 100 and 101.

## **Political Science**

Requirements for a minor in political science: 15 semester hours of credit, including PSC 100.

## **Psychology**

Requirements for a major in psychology: 30 semester hours of credit to include PSY 200 and 401. PSY 201 and 311 are required of those psychology majors who enroll in graduate programs in psychology, and strongly recommended for all majors. Electives should be developed from related fields such as biology, education, mathematics, philosophy, and sociology.

Requirements for a minor in psychology: 18 semester hours of credit to include PSY 200 and 401.

## **Sociology**

Requirements for a major in general sociology: 30 semester hours of credit to include SOC 200, 201, 300, and 21 hours of sociology electives.

Requirements for a major in sociology with concentration in social work: 30 semester hours of credit to include SOC 200, 201, 211, 212, 300, 303, 401, and 9 hours of sociology electives.

Requirements for a major in sociology with concentration in school social work: 30 semester hours of credit to include SOC 201, 212, 300, 303, 304, 305, 405, and 8 hours of sociology elective; and EDU 200, PSY 200, 210, and 403.

## **Senior Seminar**

**Administered by:** Professor Covington

A senior seminar, interdisciplinary in nature, is a University graduation requirement. It is required of all students who have completed 88 or more semester hours of credit. A discussion of current national and international problems designed to encourage an understanding of their complex nature. Some attempts at creative problem solving, based upon current reading and recall of materials covered in earlier courses.

## **Department of Military Science**

**Faculty:** Turner, Professor of Military Science; Assistant Professors Kievith, Ripley, Teates, Wilson

The Department of Military Science offers the U. S. Army Reserve Officers Training Corps Program on a voluntary basis for both men and women. The curriculum includes 12 credit hours of instruction



by the Military Science Department and 12 credit hours by other divisions of the University. Students may be enrolled in either a 4 or 2-year program. The 4-year program normally requires a student to complete all four years of academic work plus attend a 6-week advanced summer camp between the junior and senior years. The 2-year program is designed to afford transfer students from non-ROTC colleges the opportunity of taking ROTC. This program requires attendance of a 6-week basic summer camp in addition to the completion of the junior and senior year academics and the advanced summer camp of the 4-year program. Completion of either of these programs in conjunction with undergraduate degree completion allows the student to be commissioned as a Second Lieutenant in the United States Army Reserve. Certain exceptions, within these programs, may be allowed.

One semester of required physical education may be waived for each semester in which the ROTC student completes a course in military science.

All students interested in initial enrollment in the ROTC program must see the ROTC advisor to obtain acceptance and placement within the program. .

ROTC students are required to be enrolled successively in all courses included in the military science curriculum. Enrollment in the appropriate Leadership Laboratory is a corequisite of enrollment in all academic courses in the military science curriculum.

The requirements for the completion of the ROTC academic program are as follows: Freshman courses: MSC 100 and MSC 110; PSC 200 and MSC 111. Sophomore courses: MSC 200 and MSC 210; SPE 200 and MSC 211. Junior courses: MSC 300 and MSC 310; PSC 313 and MSC 311. Senior courses: PSC 400 and MSC 410; MSC 403 and MSC 411.

PSC 313 and 400 are suggested courses. The student may, with the approval of the PMS, substitute any appropriate subjects outside his major academic discipline which will enhance his overall military education.

See the Admission section of the bulletin for further information concerning entry into the military science program.

## **Interdisciplinary Programs**

### **Dual-Degree Program in Engineering**

**Administered by:** Professor Truxillo

The student will attend the University of Tampa for approximately three academic years and the Georgia Institute of Technology for approximately two academic years. After completing the academic requirements of the two institutions, the student will be awarded a Bachelor's Degree from the University of Tampa and a Bachelor's Degree or Master's Degree (depending on the phase of the program in which he participates) from the Georgia Institute of Technology.

This program is advantageous for the student who is uncertain at the time he enters college as to whether he wishes a liberal arts degree or an engineering degree. Also, many companies require that their engineers have a liberal arts background as well as an engineering degree.



Dual Degree candidates at the University of Tampa are eligible to seek a degree concurrently from the Georgia Institute of Technology in any one of 31 fields on the Bachelor's level or any one of 24 fields on the Master's level. These fields include all of the areas of engineering, the general science disciplines, computer science, industrial management, and engineering technology.

### **Industrial Management**

**Administered by:** Professor Bignell

Requirements for a major in industrial management: 62 semester hours of credit to include IAR 120, 204, 220, 230, 300, 304; ACC 102; BUS 230, 350, 361; ECO 200; MAT 160, 161, 249; PHY 200, 201; CHE 150, 151; and PSY 202.

### **Pre-Dentistry, Pre-Medicine, Pre-Veterinary Science**

**Administered by:** Professor Gude

Requirements for pre-dentistry, pre-medicine, and pre-veterinary science: 53 semester hours of credit to include BIO 203, 204, 250, 310; CHE 150, 151, 230, 231; PHY 200, 201; MAT 160, 161, 249; and all Core courses.

This pre-professional program should be pursued concurrently with the University's regular degree program. The student should design the remainder of his academic program to coincide with the specific requirements of the professional school he plans to attend.

### **Pre-Engineering**

**Administered by:** Professor Bignell

Requirements for pre-engineering: 55 semester hours of credit to include MAT 160, 161, 249, 250, 251; PHY 200, 201, 260; CHE 150, 151; IAR 120, 220, 230, 300; and all Core courses.

This pre-professional program should be pursued concurrently with the University's regular degree program. The student should design the remainder of his academic program to coincide with the specific requirements of the professional school he plans to attend.

## **Special Programs**

### **Military Education Programs**

**Administered by:** Mr. Schrader

The University, in cooperation with the United States Air Force, provides military education programs for active duty military personnel of all services, their dependents, and retired military personnel. These programs include the MacDill Air Force Base Center and extension course offerings at more distant bases. Full accreditation is insured since academic requirements are the same as on the main campus. The MacDill Air Force Base Center provides a twelve-month program with six accelerated eight-week terms.

The University of Tampa is also one of the leading participants in the military degree completion programs (sometimes referred to as "Bootstrap") for active duty career personnel. Under these programs,



those selected enter as transfer students on the main campus participating full-time to degree completion. Requirements for selection differ somewhat with the individual service and the time permitted. Processing of applications is handled through the staff of the MacDill Center.

Additional information may be obtained by contacting the MacDill Center of the University of Tampa.

### **Center for the Study of Banking**

**Administered by:** Professor Cyzewski

See Division of Economics and Business.

### **Division of Continuing Education**

**Administered by:** Professor Hyde

A wide variety of subjects designed to meet the interests of mature men and women is offered by the Division of Continuing Education. These do not carry academic credit toward a degree, but are of value for vocational, cultural, or leisure-time pursuits.

To enroll in the Division of Continuing Education, the student need not be qualified for University admission. A certificate is issued upon satisfactory completion of the course when recommended by the instructor.

The faculty is selected from both the regular University of Tampa faculty and from practicing specialists in various professional fields. A bulletin issued each semester lists the subjects offered and fees. Information may be obtained by addressing the Director of Continuing Education.

### **The Tampa Police Program**

**Administered by:** Professor Hyde

During the regular school year a number of college credit courses are offered for Law Enforcement employees of the Tampa Bay area law enforcement agencies interested in obtaining a college degree. The University participates in the Law Enforcement Education Program. Loans and grants are available for qualified applicants.

The University of Tampa cooperates with St. Petersburg Junior College and Hillsborough Community College in offering a program in police administration leading to the Associate of Arts degree conferred by St. Petersburg Junior College or Hillsborough Community College. A bulletin describing the required courses may be obtained from the Tampa Police Department or the Director of Continuing Education.

### **The Winter Intersession**

The Winter Intersession, a three-week period in January, provides students with the opportunity to participate in unique programs not offered as a part of the regular curriculum. Courses may be centered around local and foreign travel, research projects, work-study programs, or advanced seminars and lectures conducted by the faculty in their area of expertise and the major area of the student. Through the Intersession, the University of Tampa provides an opportunity for both students and faculty to derive educational experience that is



both contemporary and relevant. Students are encouraged to make suggestions for the Intersession and to watch the bulletin boards for programs planned for this period.

In addition to the advantage of a wider choice of courses, and time for concentrated study on a single topic, this calendar now provides the opportunity for the superior student to graduate in three years. In this case, his schedule could be five courses — Fall and Spring semester; one course — Intersession; three courses — Summer Session. A student who wishes to work at a slower pace during the Fall and/or Spring semesters may use the Intersession and Summer Sessions to complete a degree program in the usual four years.

### **The Summer Session**

The Summer Session consists of two five-week terms. It thus provides an opportunity to combine study for academic credit with the relaxation of a vacation in Florida's gulf resort area. The second term is scheduled to fit the free period available to teachers between the post-planning and the pre-planning sessions in elementary and secondary school systems. Dormitories are open during both terms.

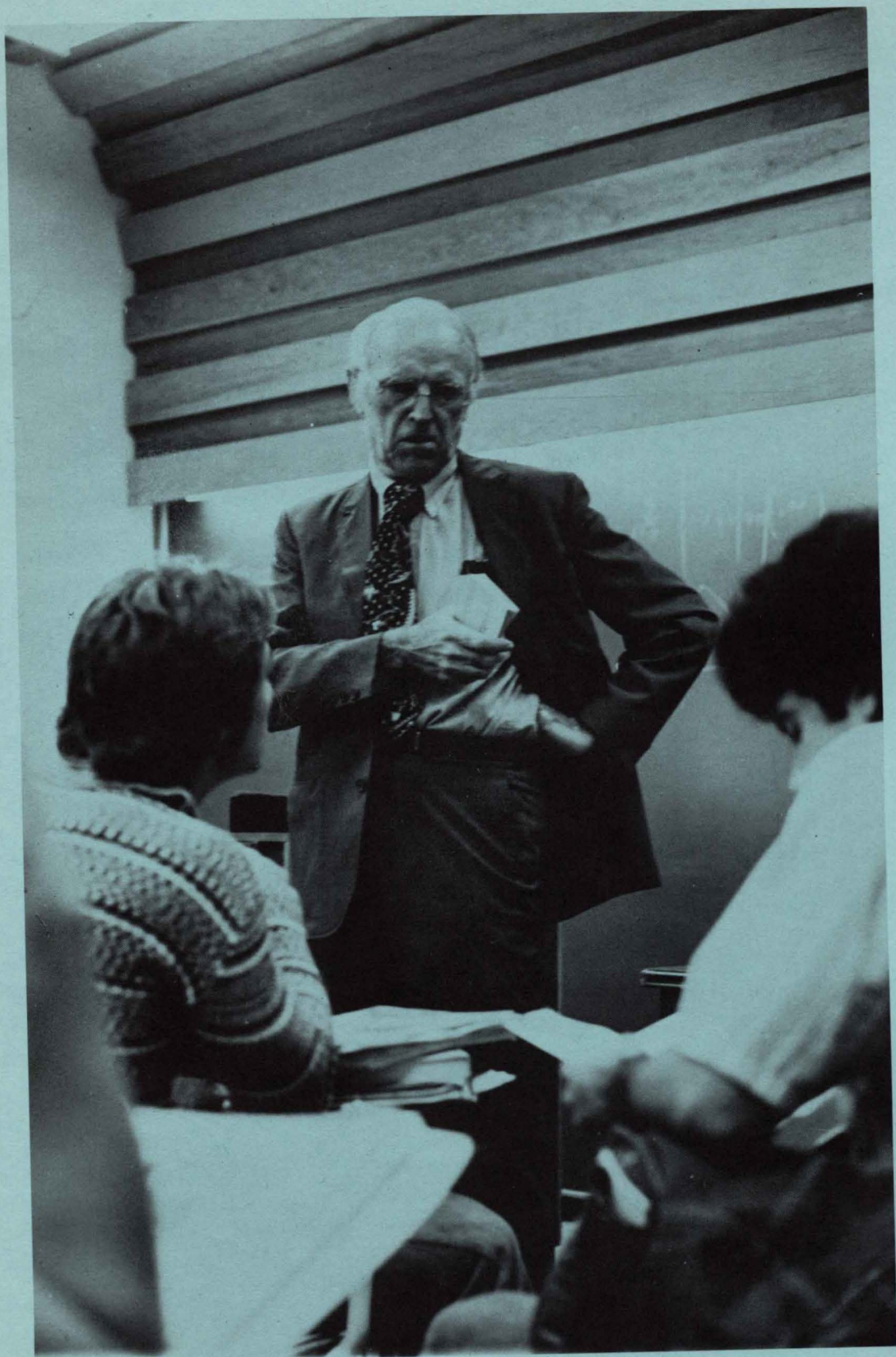
### **Study Abroad**

**Administered by:** Professor Garten

The University offers students a wide range of country and subject choice for study abroad. In all instances, absence from the University in conformance with this program is designed so that the student may, with prior approval, gain credits toward graduation.

Students may choose the time for study overseas in either winter or summer intersessions or for a complete semester. Classes vary so that each major or minor field can be benefited or, where appropriate, elective credit can be accrued.







# **COURSE DESCRIPTIONS**

## **Accounting Courses (ACC)**

### **000 Directed Readings (3)**

Prerequisite: Evidence of student's scholarship and ability to work without direct supervision, and approval of the division chairman. Restricted to students qualified to pursue independent studies and is offered on a limited basis in lieu of regularly scheduled classes in accounting.

### **102-103 Principles of Accounting I, II (3, 3)**

Accounting principles and managerial uses of accounting data. For accounting and banking majors only.

### **202-203 Managerial Accounting I, II (3, 3)**

The meaning of information produced by accounting and the manner in which it is used in decision making by business managers as well as groups external to the firm. May not apply toward the accounting major.

### **250 Intermediate Accounting (3)**

Prerequisite: ACC 102, 103. Accounting principles, practices, and theory.

### **304 Cost Accounting (3)**

Prerequisite: ACC 102, 103. Job order, process, and standard costs.

### **351 Computer Systems (3)**

Prerequisite: BUS 219. The use of the computer in data processing, financial information and control.

### **352 Federal Tax Accounting (3)**

Prerequisite: ACC 102, 103. Tax returns, individuals, corporations, gifts and estates.

### **401 Auditing (3)**

Prerequisite: ACC 250. Audit practices and procedures.



#### **405 Advanced Accounting (3)**

Prerequisite: ACC 250. Accounting for installments, branches, estates and consolidations.

#### **430 Government Accounting (3)**

Prerequisite: ACC 250. Basic principles of governmental and institutional accounting.

### **Art Courses (ART)**

Courses offered for 2-12 hours of credit are to be taken on a concentration basis with the consent of the instructor or, for art majors, the instructor or major advisor.

#### **102 Art Fundamentals (3)**

A studio-oriented introduction to art designed to meet the Fine Arts CORE requirement in art for non-art majors. Not to be taken by art majors or minors for art credit.

#### **153 Drawing I (3)**

Studio, five hours.

#### **154 Drawing II (3)**

The human figure. Studio, five hours.

#### **200 Ceramic Design (3)**

Studio, five hours. May be repeated once by art majors for 3 additional hours.

#### **201 Painting (3)**

Studio, five hours. May be repeated once by art majors for 3 additional hours.

#### **202 Sculpture (3)**

Studio, five hours. May be repeated once by art majors for 3 additional hours.

#### **212 Lettering and Layout (3)**

Studio, five hours.

#### **252 Advanced Drawing (2-12)**

Prerequisite: 6 hours of drawing and sufficient competency determined by the instructor. Art majors must take 3 hours first time. Studio, five hours.

#### **253 Three-Dimensional Drawing (2-12)**

Prerequisite: 6 hours of drawing and sufficient competency deter-



mined by the instructor. Art majors must take 3 hours first time. Studio, five hours.

**255 Western Culture (3)**

Lecture, four hours.

**259 19th and 20th Century Culture (3) (Formerly 359)**

Lecture, four hours.

**260 Design I (2-12)**

Two-dimensional design. Studio, five hours. Art majors must take 3 hours first time.

**261 Design II (2-12)**

Three-dimensional design. Studio, five hours. Art majors must take 3 hours first time.

**305 Advanced Ceramic Design (2-12)**

Prerequisite: 6 hours of ART 200, or equivalent, or consent of instructor.

**307 Advanced Painting I (2-12)**

Prerequisite: 6 hours of drawing and sufficient competency in drawing determined by the instructor, and 6 hours in painting.

**310 Primitive Cultures (3) (Formerly 210)**

Lecture, four hours.

**351 Printmaking (3)**

Prerequisite: 6 hours of drawing or consent of the instructor. Studio, 5 hours. May be repeated once by art majors for 3 additional hours.

**357 Culture of China and Japan (3)**

Lecture, four hours.

**358 East Indian Culture (3)**

Lecture, four hours.

**371 Advanced Printmaking (2-12)**

Prerequisite: 6 hours of ART 351 or equivalent.

**372 Ancient Cultures of the Near East (3)**

Lecture, four hours.

**373 Greco-Roman Cultures (3)**

Lecture, four hours.



#### **401 Advanced Sculpture (3)**

Prerequisite: 6 hours of drawing, including ART 154 and 253 or equivalents, and sufficient competency determined by the instructor, ART 200, and 6 hours of ART 202 or equivalents.

#### **459 Special Problems (2-12)**

#### **460 Criticism and Aesthetics (3)**

Review of principal theories in the history of criticism and related aesthetic theory. Analysis and evaluation of works of art. Problems in the criticism of contemporary art. Lecture, four hours.

### **Biology Courses (BIO)**

#### **203 Biological Diversity (4)**

The diversity in the plant and animal phyla. Taxonomy, ecology, behavior, evolution, and reproduction will be stressed. Three lectures and one three-hour laboratory each week.

#### **204 Biological Unity (4)**

Cellular biology emphasizing cell structure, nutrition, respiration, control mechanisms, synthesis, and genetic systems of both plants and animals. Three lectures and one three-hour laboratory each week.

#### **210 Ecology (3)**

Relationships between organisms and their environment. Three lectures each week. Open to non-majors. Biology majors must take BIO 211 concurrently to receive credit. Non-majors must take BIO 211 concurrently to satisfy CORE science requirement.

#### **211 Ecology Laboratory (1)**

A field oriented study of ecology. Biology majors must take this course concurrently with BIO 210. Three hours laboratory each week.

#### **214 Plant Morphology (4)**

Prerequisite: BIO 203, 204. Form and structure of representatives of the plant kingdom. Three lectures and two two-hour laboratories each week.

#### **215 Taxonomy of Flowering Plants (4)**

Prerequisite: BIO 203, 204. Local major plant families, practice in the use of keys and preparation of herbarium specimens. One lecture and two three-hour laboratories each week.

#### **218 Marine Symbiology (3)**

Prerequisite: BIO 203. Symbiotic relationships between marine organisms. Taxonomy, life cycle studies, and ecology. Practical



techniques for obtaining, classifying, and possibly describing new species. Offered only during special Winter Intersession.

**220 Marine Biology (4)**

Prerequisite: BIO 203, 204. An introduction to the taxonomy and ecology of marine plants and organisms. Three lectures and two two-hour laboratories each week. Four Saturday field trips required.

**222 Biology of Tampa Bay (3)**

Prerequisite: BIO 204. Environmental factors, both natural and man-made, as they relate to the populations of marine organisms present in selected areas of Tampa Bay. Daily field trips. Sample collection and laboratory analysis. Offered only during special Winter Intersession.

**224 Invertebrate Zoology (4)**

Prerequisite: BIO 203, 204. Structure, physiology, life histories, and group relationships of invertebrate animals. Three lectures and two two-hour laboratories each week.

**225 Vertebrate Zoology (4)**

Prerequisite: BIO 203, 204. Structure, ecology, behavior, and taxonomy of the major vertebrate classes. Three lectures and two two-hour laboratories each week.

**250 Comparative Vertebrate Anatomy (4)**

Prerequisite: BIO 203, 204. Vertebrate evolution through a detailed study of the organ systems of the shark, mudpuppy, and cat. Three lectures and two two-hour laboratories each week.

**307 Microbiology (4)**

Prerequisite: BIO 203, 204, CHE 150, 151. Structure, function, and taxonomy of the bacteria, yeasts, molds, and selected fungi. Three lectures and two two-hour laboratories each week.

**310 Vertebrate Embryology (4)**

Prerequisite: BIO 203, 204. A comparative study of the developmental process and structures in representative vertebrates from fish to man. Laboratory study will emphasize chick development. Three lectures and two two-hour laboratories each week.

**317 Symbiology (4)**

Prerequisite: BIO 203, 204. Symbiotic relationships between organisms with an emphasis on parasitology and ecology. Three lectures and two two-hour laboratories each week.

**320 Oceanography (4)**

Prerequisite: BIO 203, 204. An introduction to physical, chemical, and biological oceanography. Three lectures and one three-hour laboratory each week.



### **322 Marine Ecology (3)**

Prerequisite: BIO 203, 204, 220, or special permission. Ecology of selected marine habitats in shallow marine waters. SCUBA diving will be used as a technique to allow the student to study selected marine environments. Offered only during special Winter Intersession.

### **330 General Physiology (4)**

Prerequisite: BIO 203, 204; CHE 150, 151; and MAT 160. Physical and chemical properties of protoplasm and the basic functional phenomena in organisms. Three lectures and one three-hour laboratory each week.

### **350 Cell Physiology (4)**

Prerequisite: BIO 203, 204; CHE 150, 151. Chemistry 230 and 231 are recommended. Structure and function of cells. Three lectures and one three-hour laboratory each week.

### **405 Genetics (4)**

Prerequisite: BIO 203, 204; and MAT 160. Genetic mechanisms which modify biological form and function. Three lectures and one three-hour laboratory each week.

### **410 Principles of Evolution (3)**

Prerequisite: At least four courses in biology and BIO 405. The development of the concept of evolution from the Greeks to the present with emphasis on current thought. Three lectures each week.

### **450 Biological Research (1-4)**

Prerequisite: At least 16 hours in biology and consent of the division chairman. The problem shall be selected in consultation with the division chairman and the professor in charge of the project. Two hours each week for each credit attempted.

## **Business Courses (BUS)**

### **000 Directed Readings (3)**

Prerequisite: Evidence of student's scholarship and ability to work without direct supervision, and approval of the division chairman. Restricted to students qualified to pursue independent studies and is offered on a limited basis in lieu of regularly scheduled classes in business.

### **121 Principles of Management (3)**

The theoretical and practical basis of organization and management.



**210 Business Statistics (3)**

Prerequisite: MAT 210 or equivalent. Statistical concepts and methods used in economics and business.

**219 Introduction to Data Processing (3)**

Prerequisite: MAT 210 or equivalent. An examination of the nature and capabilities of automatic data processing machines and their theory of operation.

**230 Basic Business Law (3)**

Prerequisite: BUS 121. A study of basic principles of common law, statutes, and administrative law.

**231 Business Law for Management (3)**

Prerequisite: BUS 230. A continuation of BUS 230, with emphasis on case studies relative to specific management problems.

**232 Estate and Trust Law (3)**

Prerequisite: BUS 230. Law relating to trusts and estates. Federal inheritance and gift taxes as related to establishment and maintenance of trusts.

**241 Labor Relations (3)**

Prerequisite: BUS 121; ECO 201. A study of the labor union movement.

**250 Business English (3)**

Prerequisite: ENG 101-102. Principles and practice of English in business writing.

**310 Financial Management (3)**

Prerequisite: ACC 202-203, or 250; BUS 121; ECO 308. An analysis of the functions of management in approaching and solving financial problems.

**341 Personnel Management (3)**

Prerequisite: BUS 121, 241; ECO 201. An analysis of functions in personnel administration; recruiting, evaluation, wages, incentives.

**350 Marketing Management (3)**

Prerequisite: 202-203, or 250; BUS 121, 210; ECO 200, 201. An analysis of business functions concerned with building demand and moving goods from producer to consumer.

**361 Production Management (3)**

Prerequisite: ACC 202-203, or 250; BUS 121, 210; ECO 201. An analysis of the functions of management in approaching and solving production problems.



### **431 Managerial Policy and Environment (3)**

Prerequisite: ECO 320, 321; BUS 230, 241, 341, 361. An analysis of economic and business problems of senior management, integrating all areas of study.

### **440 Investments (3)**

Prerequisite: BUS 310. The economic and investment environment as it relates to security investment decisions; appraisal of investment characteristics; introductory investment analysis of various stocks and bonds and portfolio management.

### **450 Financial Institutions (3)**

Prerequisite: BUS 310, 440; ECO 321. Portfolio management policies of financial institutions, including banks, with respect to sources and uses of funds, recent trends in financial markets, and the impact of legal and economic factors.

### **490 Seminar in Finance and Banking (3)**

Prerequisite: Approval of Division Chairman. Operations, administration, and practical problems encountered by financial institutions. Professionals in the fields of banking and finance will be frequent guest speakers.

### **499 Banking Internship (10)**

Prerequisite: Approval of the Division Chairman. Practical aspects of banking operations through internship at a local bank under supervision of faculty and bank representatives. May be accomplished by half-time work under supervision in an approved banking institution for two semesters or full-time work in an approved banking institution for one semester. Will be graded on a pass-fail basis.

## **Chemistry Courses (CHE)**

### **150-151 General Chemistry (4, 4)**

The quantitative and structural aspects of introductory chemistry. Laboratory experiments to develop observation, the methods of obtaining data, and the interpretation of results. Analytical chemistry is introduced in the second semester. Three lectures and one laboratory period each week.

### **200 Analytical Chemistry (4)**

Prerequisite: CHE 150-151. Theory and practice of chemical analysis of inorganic and organic substances. Three lectures and one laboratory period each week.

### **203 Principles of Instrumentation (4)**

Prerequisite: CHE 150, 151; CHE 200 is recommended. The use of chemical instrumentation and interpretation of data obtained from these instruments. Three lectures and one laboratory period each week.



**230-231 Organic Chemistry (4, 4)**

Prerequisite: CHE 150-151. Structure, chemical principles and theories of the hydrocarbons and their derivatives. Organic chemical analysis in the laboratory. Three lectures and one laboratory period each week.

**302 Biochemistry (4)**

Prerequisite: CHE 230 with a minimum grade of C. The chemistry of proteins, carbohydrates, lipids, enzymes, vitamins, and hormones, and their physiological significance. Recommended for chemistry and biology majors, and for pre-medical and pre-dental students. Three lectures and one laboratory period each week.

**350-351 Physical Chemistry (4, 4)**

Prerequisite: CHE 200; MAT 250-251, and PHY 200-201. An introduction to the concepts of chemical and statistical thermodynamics, the liquid, gas, and solid states, solution chemistry, electrochemistry, quantum chemistry, atomic and molecular structure, and chemical kinetics. Three lectures and one laboratory period each week.

**425 Inorganic Chemistry (2)**

Atomic and molecular structure, types of chemical bonding, periodic relationships, typical reactions of inorganic substances, and modern experimental methods employed in inorganic chemistry.

**450-451 Introduction to Chemical Research (2, 2)**

During the sophomore or junior year a project subject is chosen by the student in consultation with chemistry staff. A literature search, laboratory research and a formal written report are required. The formal written report must be presented and accepted by the chemistry staff.

**499 Selected Advanced Topics (1-4)**

A lecture and/or laboratory course offered at the discretion of the chemistry staff. The subject may be chosen from theoretical and/or practical, analytical, inorganic, physical, or organic chemistry.

**Drama Courses (DRA)****101 Introduction to the Theatre I (4)**

This course is prerequisite to all drama courses and is required of all speech and drama majors. Lecture and laboratory.

**102 Introduction to the Theatre II (4)**

This course is prerequisite to all drama courses and corequisite to any 200-level drama course. Continuation of DRA 101. Required of all speech and drama majors. Lecture and laboratory.



**204 Acting (3)**

Prerequisite: Permission of the instructor.

**206 Eurythmics — Fencing and Dancing (No Credit)**

Satisfies the University's requirement for the non-credit PED 100-101.

**213 Costume and Scene Design (3)**

Prerequisite: Permission of the instructor.

**300 Directed Studies (3)**

Prerequisite: Junior and senior speech and drama major and permission of the instructor. Independent studies in the various areas of theatre. Course of study must be assigned before registration.

**311 Directing (3)****312 Advanced Play Production (3) (Formerly 302)**

Prerequisite: Speech and drama major and permission of instructor. Project assignment by the instructor.

**313 Dramatic Literature I (3)**

A survey of dramatic literature from the earliest extant plays to the 18th century.

**314 Dramatic Literature II (3)**

A continuation of DRA 313. A study of dramatic literature from the 18th century to the present day.

**404 Repertory Theater Workshop (3-6)**

Prerequisites: Limited to Repertory Company members only, juniors and seniors majoring in speech and Drama, and permission of Repertory Director. Students may elect only 3 hours per semester.

**411 Playwriting (3)**

Creative writing for the stage. Evaluation of student work in conferences.

**Economics Courses (ECO)****000 Directed Readings (3)**

Prerequisite: Evidence of student's scholarship and ability to work without direct supervision, and approval of the Division Chairman. Restricted to students qualified to pursue independent studies and is offered on a limited basis in lieu of regularly scheduled classes in economics.

**200, 201 Principles of Economics I, II (3, 3)**

An introduction to economic principles and problems.



**240 History of Economic Theory (3)**

Prerequisite: ECO 200, 201. The main lines of development of economics.

**308 Money and Banking (3)**

Prerequisite: ACC 202-203; ECO 200, 201. Financial institutions, money supply, credit expansion, central banking, and monetary policy.

**320 Microeconomic Theory (3)**

Prerequisite: ECO 200, 201. An analysis of the theories of consumer behavior, production, cost, and distribution.

**321 Macroeconomic Theory (3)**

Prerequisite: ECO 200, 201. An analysis of the determination of income, employment, and prices.

**333 Urban Economics (3)**

Prerequisite: ECO 200, 201. An exploration into the economic processes that govern the central city.

**420 Public Finance (3)**

Prerequisite: ECO 200, 201, 320, 321. An analysis of the impact of government fiscal policies upon the economy.

**430 International Economics (3)**

Prerequisite: ECO 200, 201. A study of international economic and financial problems.

**440 Mathematical Economics (3)**

Prerequisite: ECO 200, 201, 320, 321, and MAT 210 or equivalent. An introduction to the use of mathematics — vectors and matrices, derivatives and integrals, maxima and minima — in the analysis of economic and business problems.

**461 Contemporary Economic Problems (3)**

Prerequisite: ECO 200, 201, 321. Contemporary domestic and international problems.

**Education Courses (EDU)****200 Sociological Foundations of Education (3)**

Prerequisite: Sophomore standing. Philosophical and historical development of the American school system. Relationships of school and society.

**202 Teaching Language Arts in the Elementary School (3)**

Prerequisite or corequisite: EDU 200, ENG 101-102, and intended major in elementary education. Oral and written communication,



creativity, usage, spelling and handwriting considered in relation to child development, the learning process, and environmental influences.

#### **204 Teaching Art in the Elementary School (3)**

Prerequisite or corequisite: EDU 200 and intended major in art or elementary education. Selection, organization, guidance, and evaluation of art activities. Laboratory experiences with materials and methods.

#### **208 Teaching Science in the Elementary School (3)**

Prerequisite or corequisite: EDU 200 and intended major in science or elementary education. Methods and materials for the development of understanding of science concepts and scientific method. Emphasis on teaching aids, demonstration equipment, simulated teaching, and visitations in schools.

#### **230 Teaching Music in the Elementary School (3)**

Prerequisite or corequisite: EDU 200 and intended major in music or elementary education. Materials, methods, and activities. Demonstrations with class participation. Acquaintance with rhythm and pre-orchestral instruments. Basic music theory included.

#### **302 Teaching Reading in the Elementary School (3)**

Prerequisite: EDU 202, intended major in elementary education, and professional program acceptance. Comprehensive survey of methods. Examination and evaluation of materials and equipment. Required observation in elementary schools.

#### **305 Teaching Physical Education and Health in the Elementary School (3)**

Prerequisite: EDU 200, HEA 100, PED 100-101, and intended major in physical education or elementary education. Methods, materials, games of low organization, team games, self-testing, and rhythmic activities. Examination and evaluation of subject-matter, methods, and source materials for health programs. Visitations in schools.

#### **307 Teaching Social Studies in the Elementary School (3)**

Prerequisite: EDU 200, HIS 100-101, and intended major in elementary education. Emphasis on participation in activities showing the relationship of man to his physical and social environment. Comparison of courses of study and preparation of units. Simulated teaching and visitations in schools.

#### **312 Teaching Arithmetic in the Elementary School (3)**

Prerequisite: EDU 200, MAT 104, intended major in elementary education, and professional program acceptance. Procedures for classroom teaching. Review of computational practices and mathematics principles. Visitations in schools.



**320 Literature for Children (3)**

Prerequisite: EDU 202 and intended major in English or elementary education. Acquaintance and analysis of prose and poetry suitable for children, including historical development. Discussion of outstanding authors. Simulated teaching experiences included.

**321 Special Methods in Early Childhood Education (3)**

Prerequisite: EDU 200, junior standing, and major in elementary education. Development of the child between the ages of three and six. Analysis and evaluation of objectives, materials, and teaching methods. Demonstrations and simulated teaching experiences included.

**322 Observation and Participation in Early Childhood Education (3)**

Prerequisite: EDU 321 or consent of the instructor. Eighty clock hours of observation and aide assistance including both pre-kindergarten and kindergarten. Individual conferences with directing teachers, instructor, and parents. Reports containing analysis and interpretation of experiences.

**400 History and Philosophy of Education (3)**

May be taken in lieu of EDU 200. Open only to juniors and seniors. Survey of significant movements and philosophies from classical times to present. Emphasis on foundations of American democratic education. Analysis of current trends and issues.

**405 Elementary Internship Program (15)**

Prerequisite: Final approval of the application for internship. Study of classroom preparation and practice in grades 1-6. Lectures and seminars related to curriculum and the role of the teacher. Sixteen weeks of field teaching experience under the direction of a certified teacher.

**406 Elementary and Secondary Internship Program (15)**

Prerequisite: Final approval of the application for internship. Study of classroom preparation and practice in grades 1-12. Designed for majors in art, music and physical education. Lectures and seminars related to curriculum and the role of the teacher. Eight weeks of field teaching at the elementary level and eight weeks at the secondary level under the direction of certified teachers.

**407 Secondary Internship Program (15)**

Prerequisite: Final approval of the application for internship. Study of classroom preparation and practice in grades 7-12. Lectures and seminars related to curriculum and the role of the teacher. Sixteen weeks of field teaching experience under the direction of a certified teacher.

**419 Audio-Visual Aids (3)**

Prerequisite: Junior standing and candidate for certification. In-



struction and practice in the use of materials and equipment. Selection and evaluation of films, models, exhibits, graphic materials, and other related types of aids.

#### **423 Special Methods of Secondary Teaching (3)**

Prerequisite: EDU 200, PSY 240, and 20 hours in the major field. Study and practice in methods common to all secondary school subjects. Specific study of methods and materials pertinent to the area of the major subject. Required observation in secondary schools.

### **Service Courses (EDU)**

Provided primarily for practicing teachers for the extension of teaching certificates. Students of senior standing may be admitted with the approval of the Chairman of the Division of Education.

#### **503 Science: A Process Approach In-Service Program (3)**

Emphasis on an active and dynamic participation by teachers in investigating a wide variety of disciplines of science for the elementary grades. Practice in observing, classifying, measuring, communicating, predicting, and inferring.

#### **520 Individual Project: Organization, Administration, Supervision, and Curriculum in the Elementary School (1-6) (3)**

Written and oral reports required. Study includes one or several areas and may include all. Individual or small group conferences.

#### **521 Individual Project: Organization, Administration, Supervision, and Curriculum in the Secondary School (7-12) (3)**

Written and oral reports required. Study includes one or several areas and may include all. Individual or small group conferences.

#### **583 Educational Measurements (3)**

Techniques of evaluation and measurement pertaining to classroom instruction at all levels. Particular emphasis on elementary statistics, test construction and evaluation, and grade reports.

#### **590 Teaching Mathematical Concepts in the Primary Grades (3)**

Intensive study for the specialist. Sets, whole numbers, introduction of rational numbers, geometry, measurement and probability.

#### **593 Teaching Modern Mathematics in the Elementary School (3)**

Intensive study for the specialist. Particular emphasis on materials and methods for grades 4-6.

### **English Courses (ENG)**

#### **101-102 Composition and Rhetoric I, II (3, 3)**

Principles of effective communication. ENG 101 is a prerequisite for ENG 102.



**201-202 World Literature I, II (3, 3)**

Prerequisite: ENG 101-102, or equivalent. Ancient, medieval, and modern writings.

**204 Advanced Composition (3)**

Prerequisite: ENG 101-102. (ENG 101 may be waived.) Further study of the principles of writing.

**205 Advanced English Grammar (3) (Formerly 405)**

Modern usage with historical background.

**206, 207 English Literature I, II (3, 3)**

From Beowulf to the present.

**208, 209 American Literature I, II (3, 3)**

From Colonial times to the present.

**300 Romantic Poets (3)**

From Blake to Keats.

**301 Victorian Writers (3)**

From Carlyle to Kipling.

**308 Shakespeare (3)**

Drama and poetry.

**309 Drama (3)**

May be Elizabethan, Restoration, Contemporary, or further studies of Shakespeare. May be repeated for credit if content differs.

**312 Contemporary World Literature (3)**

Poetry, Prose, and Drama now.

**321 Fiction (3)**

May be traditional or experimental; novels or short stories. May be repeated for credit if content differs.

**323 The Seventeenth Century (3)**

From Donne to Marvell.

**330 Creative Writing (3)**

Poetry writing and reading of related works.

**401 The Eighteenth Century (3)**

Neo-classical movement.



**403 The English Renaissance (3)**

From Skelton to sonnet traditions.

**416 Major Author (3)**

In depth study of a significant author. May be repeated for credit if content differs.

**430 Literary Criticism (3)**

A historical survey of techniques.

**450 Problems in English (1-3)**

The course deals with different topics each time it is offered, and may be repeated for credit.

**French Courses (FRE)**

**101-102 Elementary French I, II (3, 3)**

FRE 101 is prerequisite to FRE 102. Audio-lingual method with emphasis on understanding, speaking and reading.

**201-202 Intermediate French I, II (3, 3)**

Prerequisite: FRE 102. FRE 201 is prerequisite to FRE 202. Continued practice in the oral-aural skills.

**300-301 Advanced French I, II (3, 3)**

Prerequisite: FRE 201 or consent of the instructor. Emphasis on grammar, composition and vocabulary.

**304-305 Introduction to French Literature I, II (3, 3)**

Prerequisite: FRE 301 or consent of the instructor. Middle Ages to 20th century.

**400-401 Modern French Theatre I, II (3, 3)**

Prerequisite: FRE 301 or consent of the instructor. Nineteenth-century romanticism to the present.

**402-403 The Modern French Novel I, II (3, 3)**

Prerequisite: FRE 301 or consent of the instructor. Selected French novelists of the 19th and 20 centuries.

**450 Topics in French (1-3)**

Prerequisite: Permission of the instructor. The content of this course is variable, and it may be repeated for additional credit.

**Geography Courses (GEO)**

**102 World Geographical Problems (3)**



An introductory course with major attention to the principles and concepts of the subject.

**205 Principles of Resource Utilization (3)**

A survey of the natural and human assets and a study of the wise use of these resources.

**207 Economic Geography (3)**

A survey of the resources, industry, and commerce of the United States and foreign countries.

**243 Geography of North America (3)**

A study of the topography, climate, soils, vegetation, natural resources, and interrelationships as they affect human activities.

**263 Physical Geography (3)**

A study of the physical environment, including landforms, earth materials, climate, tectonic processes, and climatic regions of the world.

**270 Geography of Latin America (3)**

A regional survey of the physical, economic, and cultural geography of Latin American countries.

**German Courses (GER)**

**101-102 Elementary German I, II (3, 3)**

GER 101 is prerequisite to GER 102. Audio-lingual method with emphasis on understanding, speaking and reading.

**201-202 Intermediate German I, II (3, 3)**

Prerequisite: GER 102. GER 201 is prerequisite to GER 202. Continued practice in the oral-aural skills.

**Health Courses (HEA)**

**100 Health Science (2)**

Health science concerns facts, principles and concepts needed to bridge the gap between health discoveries and man's application of these discoveries in daily life. It deals with knowledges and principles for healthful living of the individual, family, and community. Health science is based upon and improved through basic and applied research.

**230 Elementary Physiology and Human Anatomy (3)**

The structure and functions of the various systems of the body with special emphasis on the physiology of exercise and the bone-muscle relationship of human motion.



## **250 General Safety Education (2)**

All phases of safety, including school, playground, home, highway, industry, civil defense, and first aid.

## **History Courses (HIS)**

### **100 Survey of Western Civilization I (3)**

The development of western society from the ancient world to 1715.

### **101 Survey of Western Civilization II (3)**

Continuation of the development of western society from 1715 to present.

### **202 The United States to 1877 (3)**

Cultural, political, social and economic developments from the discovery of America through Reconstruction.

### **203 The United States Since 1877 (3)**

Urbanization, industrialization, and rise of the nation as a world power.

### **300 Colonial Latin America (3)**

Discovery, exploration, and development of colonial Latin America and the Wars of Independence.

### **301 The Republics of Latin America (3)**

A study of the republics of Latin America and their increasing roles in world affairs from their independence to present.

### **302 Constitutional History of the United States (3)**

The origin and formulation of the original constitution and its evolution to contemporary times. May be counted as either history or political science.

### **307 Asiatic World (3)**

A general history of the forces important in the shaping of Asiatic man and his societies from earliest times to present.

### **308 Renaissance and Reformation (3)**

The origins, progress, interrelationships, and impact of the new forms, ideas and ideals of these movements.

### **309 England to 1688 (3)**

A survey of early English institutional development with emphasis on the Tudor and Stuart periods.



**310 England Since 1688 (3)**

Continuation of political, cultural and economic trends with the accompanying rise and decline of the British Empire.

**311 The Foundation of Modern Europe: 1500-1815 (3)**

European society from the renaissance to the end of the Napoleonic era.

**312 Reaction and Revolution: Modern Europe, 1815 to Present (3)**

European society from the Congress of Vienna to the present.

**350 The Role of the Negro in Our American Heritage (3)**

A study of Negro contributions in all areas of American activities, from the colonial period to the present.

**351 America's Negro Heritage (3)**

Directed readings and discussions on selected subjects involving the Negro in America.

**403 The Civil War and Reconstruction (3)**

Intensive study of all aspects of the sectional struggle and the reconstruction period.

**405 United States Westward Expansion (3)**

The advancing frontier and its environmental effects on American institutions.

**406 United States Foreign Policy (3)**

The evolution of American foreign policy and diplomacy.

**408 Tsarist Russia (3)**

A study of Russian society to the Russian Revolution in 1917.

**409 Soviet Russia (3)**

Continuation of Russian society from the 1917 revolution to present.

**410 The Middle Ages (3) (Formerly 306)**

The development of western European institutions during the period 500 A.D. to 1400 A.D. European society from the fall of Rome to the Renaissance.

**411 The United States in the Twentieth Century (3)**

A study of selected aspects of American society.



### **413 Topics in History (3)**

Intensive study of selected topics in history. Topics will vary from semester to semester. May be repeated for credit so long as the subject matter is not repeated.

### **450 Problems in History (3)**

Guided readings, research, and criticism. (Limited to students who have completed 90 semester hours with a B average and have the approval of the area coordinator.

## **Industrial Arts Courses (IAR)**

### **120 Engineering Drawing (Drafting) (3)**

Lettering, the use of instruments, orthographic projection, auxiliary views, sections; conventions, dimensions, screws, threads, bolts, nuts, and pictorial representations. Required for all pre-engineering students. Six hours of laboratory each week.

### **204, 205 Techniques and Methods in Woodworking (Manufacturing and Construction) (3, 3)**

Methods of teaching industrial arts. Projects: shop sketching, furniture design; wood-finishing; hand tools, using jointer, bench saw, hand saw, lathe, mortise, drill press, router and shaper, etc. Lecture one and one-half hours each week; laboratory, three hours each week.

### **212, 213 Handicrafts and Elementary Industrial Arts (3, 3)**

Design and practice in materials such as art metal work, textiles, simple woodwork, plastics, leatherwork, puppetry, linoleum block printing, basketry, plaster casts, etc. This course meets a part of the certification requirements in fine arts as well as in industrial arts. One hour of lecture and four hours of laboratory each week.

### **220 Advanced Engineering Drawing (Drafting) (3)**

Prerequisite: IAR 120; Mathematics through calculus is desirable but not required. Pipe drawings, gearing, cams, welding symbols, structural drafting, rivets, topographic drawing, engineering graphics, calculus and empirical equations, architectural drawing, axonometric projections, perspective, working drawings, shading and shadows, pencil and ink tracing and blueprints. Six hours of laboratory each week.

### **230 Descriptive Geometry (Drafting) (3)**

Prerequisite: IAR 120; Mathematics through analytical geometry is desirable but not required. The solution of problems involving points, lines, and planes by use of auxiliary views and by the revolution method; simple intersections; development of surfaces and warped surfaces. Practical applications are emphasized. Required of all pre-engineers. Six hours of laboratory each week.



### **240 Special Project in Industrial Arts (1-2)**

Additional study and shop practice in some field of interest to the student in the field of Industrial Arts. May be taken for one or two hours credit depending upon the extent of the project.

### **300 Mechanism and Kinematics (Drafting) (3)**

Applied mechanics, dealing with revolving and oscillating bodies, link work, belts, pulleys, gears, and cams; trains of mechanisms and the velocity and directional ratio of moving parts. Six hours of laboratory each week.

### **304, 305 Techniques and Methods in Metalworking (American Industries) (3, 3)**

Special emphasis on metalworking; including hand tools and processes in metals, metal materials, basic sheet metal, projects and construction which involve hand processes, simple machines, and methods of teaching industrial arts. Lecture, one and one-half hours each week; laboratory, three hours each week.

### **310, 311 Architectural Drawing (3, 3)**

Architectural design and drawing; problems in architectural drawing; working drawings, plans, elevations, sections, details, symbols, dimensions, specifications, lettering and related problems. No prerequisite, but IAR 120 is desirable. Six hours of laboratory each week. Taught only in the evening.

### **411 History and Philosophy of Industrial Arts (3)**

Prerequisite: 30 hours of industrial arts. A study of the philosophy and history of industrial arts. Research and directed reading in the field of industrial arts. A study and fabrication of audio-visual aids and other teaching devices used in teaching industrial arts in the public schools. Care and maintenance of all equipment used in industrial arts.

## **Italian Courses (ITA)**

### **101-102 Elementary Italian I, II (3, 3)**

ITA 101 or equivalent is prerequisite to ITA 102. An introductory course by an audio-lingual method with emphasis on understanding, speaking, and reading. May not be used to fulfill foreign language requirement for the B.A. Degree.

## **Journalism Course (JOU)**

### **200 Journalistic Writing (3)**

Prerequisite: ENG 101, 102. The elements of news, the style and structure of news and feature stories, methods of gathering and evaluating news, copyreading and editing. Preparation of copy



for publication and laboratory assignments to the campus newspaper are included. (May not be counted for credit in the English major or minor.)

## **Mathematics Courses (MAT)**

### **101 General College Mathematics (3)**

An introduction to mathematical concepts. Credit will not be given for both MAT 101 and 160.

### **104 Modern Elementary Mathematics I (3)**

Prerequisite: One unit each of high school algebra and plane geometry. The basic concepts of arithmetic and number theory for prospective teachers.

### **105 Modern Elementary Mathematics II (3)**

Prerequisite: One unit each of high school algebra and plane geometry. The foundations of geometry for prospective teachers.

### **110 Mathematical Principles of Finance (3)**

Prerequisite: MAT 101 or equivalent, or consent of the instructor. Simple and compound interest, annuities, present worth and future value, amortization, etc. Thorough study is made of the use of tables.

### **160 College Algebra (3)**

Prerequisite: Two units of high school algebra and one unit of plane geometry. A study of the basic concepts of algebra.

### **161 Trigonometry (5)**

Plane trigonometry. Strongly recommended that the student enroll in this course concurrently with or after completing MAT 160.

### **201 Introduction to Statistics (3)**

Prerequisite: A minimum grade of C in MAT 160 or a passing grade in an algebra test administered during the first class meeting. An introduction to descriptive and inferential statistics.

### **210 Introduction to Analysis for Business (3)**

Fundamentals of algebra and analytic geometry. Required of all students in business and economics. Will not apply as credit for a mathematics major.

### **249 Analytic Geometry and Calculus I (5)**

Prerequisite: A minimum grade of C in MAT 160 and 161 or equivalent. Plane analytic geometry, differentiation and integration of algebraic functions, continuity, maximum and minimum, application of the definite integral.



### **250 Analytic Geometry and Calculus II (5)**

Prerequisite: a minimum grade of C in MAT 249 or equivalent. Differentiation and integration of transcendental functions, methods of integration, vectors, indeterminate forms, polar co-ordinates.

### **251 Analytic Geometry and Calculus III (5)**

Prerequisite: a minimum grade of C in MAT 250 or equivalent. Solid analytic geometry, vectors, partial differentiation, multiple integration, infinite series.

### **304 Advanced Calculus (3)**

Prerequisite: a minimum grade of C in MAT 250-251. Series, integration, line and surface integrals, partial differentiation with applications.

### **305 Differential Equations (3)**

Prerequisite: a minimum grade of C in MAT 250-251. An introductory course in ordinary differential equations.

### **306 Numerical Analysis (3)**

Prerequisite: a minimum grade of C in MAT 251. Finite differences, interpolation, numerical differentiation and integration, least squares, numerical solutions of systems of algebraic and transcendental equations, applications to programming of digital computers.

### **307 Modern Abstract Algebra (3)**

Prerequisite: a minimum grade of C in MAT 251. Introduction to the theory of groups, rings and fields.

### **406 Linear Algebra and Matrix Theory (3)**

Prerequisite: MAT 307 or concurrent registration in MAT 307. Vectors and vector spaces, matrices, linear transformations in a vector space.

### **410 Theory of Sets (3)**

Prerequisite: a minimum grade of C in MAT 251. Logic. Relations and functions. Binary operations. Ordinal and cardinal numbers. Finite and infinite sets.

## **Military Science Courses (MSC)**

### **100 Introduction to Military Science (3)**

ROTC students only. Organization of the U.S. defense establishment, national security, ROTC customs and traditions of the service; utilization of map and aerial photographs; introduction to tactics and operations.



**110 Leadership Laboratory (0)**

ROTC students only. Corequisite: MSC 100. Study and practical exercises in the principles of military courtesy, discipline, receipt of orders, marksmanship, dismounted drill, and the primary functions of individual soldiers.

**111 Leadership Laboratory (0)**

ROTC students only. Corequisite: PSC 200. Study and practical exercises in the primary functions of individual soldiers with respect to the characteristics of commands and orders, dismounted drill and ceremonies.

**200 American Military History (3)**

Open to all students as military science credit for ROTC students or as a history elective for other students. May not be used as part of the history major. A study of the development of American military institutions, policies, experience, and traditions in peace and war from colonial times to the present. Emphasis will be on the relationship between the military and other aspects of American society and the role of the military in the establishment, expansion, preservation, and development of the nation. Analysis of the political causes of each major war of the U.S. and the political results.

**210 Leadership Laboratory (0)**

ROTC students only. Corequisite: MSC 200. Study and practical exercises in the development of military command and management at the team level.

**211 Leadership Laboratory (0)**

ROTC students only. Corequisite: SPE 200. Study and practical exercises at team level emphasizing the functions, duties, and responsibilities of junior leaders. Special attention is devoted toward development of students for acceptance into the advanced course.

**300 Fundamentals of Leadership (3)**

ROTC students only. A study of leadership developed by the case study method, application of military instruction, and the leader's role in tactical operations.

**310 Leadership Laboratory (0)**

ROTC students only. Corequisite: MSC 300. Study and practical exercise to increase the student's leadership potential with emphasis upon developing individual responsibilities and management of the military team.

**311 Leadership Laboratory (0)**

ROTC students only. Corequisite: PSC 313 or other approved course. Study and practical exercise in leadership and skills required at the 6-week advanced summer camp.



**410 Leadership Laboratory (0)**

ROTC students only. Corequisite: PSC 400 or other approved course. Study and practical exercise in command, leadership, and staff planning/coordination.

**403 Seminar in Leadership and Management (3)**

ROTC students only. Analysis of selected leadership and management problems involved in unit administration; military justice; Army Readiness Program; combat operations; obligations and responsibilities of an officer on active duty; chain of command; and officer-enlisted relationships.

**411 Leadership Laboratory (0)**

ROTC students only. Corequisite: MSC 403. Study and practical exercise in leadership and management; preparation for active duty as an officer.

**Music Courses (MUS)****102 Creative Listening (3)**

Technical and philosophic survey of music.

**110-111 Elementary Piano Class Instruction (1, 1)**

Prerequisite: Consent of instructor. Music majors only.

**122-123 Elements of Music, Lectures and Drill (3, 3)**

Prerequisite: Music major, MUS 102, or concurrent ensemble participation. The essentials of music preparatory to the study of harmony, counterpoint, form and composition. Three hours of lecture plus two hours of drill.

**206 Music History: Survey (3)**

Prerequisite: MUS 102 or music major. Ancient Greece to the Romantic Period.

**207 Music History: Baroque and Classical Music (3)**

Prerequisite: MUS 102 or music major.

**208 Music History: Romantic and Modern Music (3)**

Prerequisite: MUS 102 or music major.

**209 Music History: Popular Music (3)**

Prerequisite: MUS 102 or music major.

**210-211 Intermediate Piano Class Instruction (1, 1)**

Prerequisite: Consent of instructor. Music majors only.

**222-223 Elements of Harmony (3, 3)**

Prerequisite: MUS 122-123. Analysis and writing. 18th and 19th century tone relations.



**Note:** The following Music Education Techniques courses (MUS 225-229) are designed for the music major to acquaint him with public school instrumental and vocal teaching problems. Open only to music majors.

**225 Voice Class (1)**

**226 String Class (1)**

**227 Woodwind Class (1)**

**228 Brass Class (1)**

**229 Percussion Class (1)**

**Note:** The following applied music lessons may be repeated for additional credit. MUS 250 (Piano) is a study of traditional literature with emphasis on the development of technique, interpretation, pedalling and performance. Prerequisite: Audition by instructor. MUS 251 (Voice) is designed to develop the singing voice using vocalises of the bel canto style to acquire good tone quality, range and proper breath control. Song literature of all periods. Prerequisite: Audition by instructor. MUS 252-261 (Woodwind and Brass) consists of development of embouchure and technique enabling student to study traditional and contemporary literature. MUS 262 (Percussion) is the study of basic rudiments, techniques and literature as applied to snare, mallets, timpani, and traps.

**250 Piano (1, 2)**

**251 Voice (1, 2)**

**252 Flute (1, 2)**

**253 Oboe (1, 2)**

**254 Clarinet (1, 2)**

**255 Bassoon (1, 2)**

**256 Saxophone (1, 2)**

**257 Trumpet (1, 2)**

**258 French Horn (1, 2)**

**259 Trombone (1, 2)**

**260 Baritone (1, 2)**

**261 Tuba (1, 2)**

**262 Percussion (1, 2)**



**Note:** The following music ensembles may be repeated for additional credit.

**289 Student Recital (1)**

Prerequisite: Consent of instructor and director. Preparation and presentation of a major recital.

**290 Spartan Marching Band (1)**

Prerequisite: Consent of the director. Audition and/or interview required at discretion of director. Participation in the Spartan Marching Band for two semesters will satisfy the University's Physical Education requirement.

**291 University Band (1)**

Prerequisite: Consent of the director. Audition and/or interview required at discretion of director.

**292 Stage Band (1)**

Prerequisite: Consent of the director. Audition and/or interview required at discretion of director.

**293 University Singers (1)**

Prerequisite: Consent of the director. Audition and/or interview required at discretion of director.

**294 Madrigal Singers (1)**

Prerequisite: Consent of the director. Audition and/or interview required at discretion of director.

**295 Men's Glee Club (1)**

Prerequisite: Consent of the director. Audition and/or interview required at discretion of director.

**296 Woodwind Ensemble (1)**

Prerequisite: Consent of instructor.

**297 Brass Ensemble (1)**

Prerequisite: Consent of instructor.

**298 Percussion Ensemble (1)**

Prerequisite: Consent of instructor.

**299 Piano Ensemble (1)**

Prerequisite: Consent of instructor.

**322 Free Counterpoint (3)**

Prerequisite: MUS 222-223. Contrapuntal style of J. S. Bach. Writing of two- and three-part inventions.



**323 Strict Counterpoint (3)**

Prerequisite: MUS 222-223. Contrapuntal history to 1600. Victoria, Lassus, Palestrina. Writing stylistic examples of Benedictus, madrigal, and motet.

**324-325 Form and Orchestration (3, 3)**

Analysis of structural designs of musical compositions with practical orchestral and band arranging application. Prerequisite: MUS 223.

**330 Problems in Music (2)**

For senior music majors only. May be repeated for additional credit.

**422 Arranging (3)**

Scoring for jazz, stage band, marching band, and commercial techniques in music scoring. Prerequisite: MUS 325.

**423 Composition (3)**

Prerequisite: MUS 324, 325, and 422. Composition of small forms; rondo and sonata allegro forms.

**436 Conducting (3)**

Band, orchestra and choral conducting techniques. Studio and laboratory experience.

**Natural Science Courses (NSC)****200 Physical Science (3)**

The basic concepts of motion, energy, and electricity. Not open to those students having previously taken a course in college physics or chemistry. Designed for non-science majors.

**201 Biological Science (3)**

Characteristics of life, metabolism, reproduction, genetics, evolution, and ecology, with an emphasis on everyday application of the material. Not open to those students having previously taken a course in college general biology. Designed for non-science majors.

**Philosophy Courses (PHL)****200 Introduction to Philosophy**

Systems of thought illustrative of concepts and methods.

**201 Logic (3)**

Principles of correct reasoning; formal and informal arguments.



**202 Ethics (3)**

Prerequisite: PHL 200 or permission of the instructor. Major systems of thought regarding problems of moral value and the good life.

**203 Contemporary Philosophy (3)**

Prerequisite: PHL 200 or permission of the instructor. Major concepts and methods of the 20th century.

**204 Aesthetics (3)**

Prerequisite: PHL 200 or permission of the instructor. Problems surrounding aesthetic experience and the aesthetic object.

**205 Philosophy of Science (3)**

Prerequisite: PHL 200 or permission of the instructor. The origin and philosophical meaning of the ideas underlying modern science.

**210 Problems of Philosophy (3)**

Prerequisite: PHL 200 or permission of the instructor. This course deals with different topics each time it is offered. May be repeated for credit.

**212 Philosophy of Religion (3)**

Prerequisite: PHL 200 or permission of the instructor. Examination of the nature and validity of religious beliefs.

**300 History of Ancient and Medieval Philosophy (3)**

Prerequisite: PHL 200 or permission of the instructor. From Thales to Thomas Aquinas.

**301 History of Modern Philosophy (3)**

Prerequisite: PHL 200 or permission of the instructor. From Bacon to Kant.

**450 Senior Thesis (3)**

Prerequisites: Senior standing and approval of area coordinator.

**Physical Education Courses (PED)****100-101 Required Physical Education (No Credit)**

Required of all students. The emphasis is upon fitness and includes team sports, gymnastics, calisthenics, and recreational activities.

**150 First Aid (1) (For Police Only)**

A thorough course on the Red Cross Senior level.



**151 Swimming and Diving (1)**

Fundamental skills in swimming, diving, and water safety. The course is taught in three sections: beginners, intermediates, and advanced.

**200 Individual and Dual Sports (1)**

Develops abilities in recreational sports such as tennis, badminton, archery, and handball.

**210 Principles of Physical Education (3)**

History, principles, and philosophy of physical education.

**240 Minor Sports (2)**

Participation in golf, track and field, and minor team games.

**252 Gymnastics, Tumbling, Apparatus (2)**

Gymnastics, tumbling, apparatus, stunts, and body mechanics.

**260-261 Team Sports and Games I, II (Women) (2, 2)**

Fundamental skills and coaching in team games such as volleyball, soccer, basketball, field hockey, and softball.

**310 Modern Dance (2)**

The history, theory and practice in modern dance with an analysis of human movement, improvisation and beginning dance composition.

**312 Folk and Square Dancing (2)**

Rhythmic analysis and fundamentals of folk and square dancing.

**320-321 Major Sports I, II (2, 2)**

The course content includes the theory and practice of coaching football, basketball, and baseball. A thorough coverage is made of rules, strategies, and techniques, with a laboratory in intramurals for practicing officiating.

**330 Physical Inspection (2)**

The study of medical screening techniques, medical terminology, elements of physical therapy, and the relationship between doctor, school, health department and community.

**340 Applied Anatomy and Kinesiology (3)**

Prerequisite: HEA 230. A study of the bone-muscle relationships and problems of analysis in human motion as related to the muscular skills in body mechanics and athletics.

**400 Adaptive and Corrective Physical Education (2)**

Prerequisite: HEA 230. A program for the atypical child and the physically handicapped in physical education.



#### **411 Recreation Leadership and Administration (3)**

The program of recreation which includes the history, practice and policies, leadership, and supervision of school and community playgrounds, indoor centers, and outdoor education (camping). The nature and function of play are stressed.

#### **412 Organization and Administration of Physical Education (3)**

A comprehensive study of best practices and procedures of organizing the program of physical education, intramurals, and athletics. The many problems of administration are analyzed.

#### **450 Physical Education Tests and Measurements (2)**

A study of the available test and measurement procedures for the physical educator.

#### **460 Physiology of Exercise (2)**

### **Physics Courses (PHY)**

#### **200-201 General Physics (4, 4)**

Prerequisite or corequisite: MAT 161 or equivalent. A non-calculus course primarily for science majors. Classical mechanics and special relativity, kinetic theory and thermodynamics, waves and oscillations, sound, electricity, magnetism, and electrical circuits, optics, atomic structure, the nucleus. 3 lectures and 1 laboratory each week.

#### **260 Introductory Electronics (4)**

Prerequisite: PHY 200-201, MAT 160-161. Resistance, Capacitance, and inductance; d-c and a-c circuits; vacuum tube and solid-state device characteristics; power supplies; amplifiers and oscillators; pulse circuits and switching circuits. 3 lectures and 1 laboratory each week.

#### **271 Atomic and Nuclear Physics (4)**

Prerequisites: PHY 201 and MAT 249. Atomic structure, energy levels and quantization, angular momentum and spin, subatomic particles, nuclear structure, radionuclides and applications. 3 lectures and 1 laboratory each week.

#### **312 Geometrical and Physical Optics (4)**

Prerequisite: PHY 201 and MAT 249. Reflection, refraction; waves; polarization; diffraction and interference; optical instrumentation; lasers and holography. 3 lectures and 1 laboratory each week.

### **Police Administration Courses (POA)**

#### **205 Police Administration I (3)**

A study of organization and administration of Police Departments.



**206 Police Administration II (3)**

A study of methods and techniques of crime investigation.

**Political Science Courses (PSC)**

**100 Introduction to Political Science (3)**

A study of the essential elements of political science.

**200 The Federal Government of the United States (3)**

The organization and functioning of the national government.

**203 Political Parties and Pressure Groups (3)  
(Replaces 301)**

An analysis of their role in the process of government.

**300 Comparative Governments (3)**

Structural and functional similarities and differences in contemporary governments.

**302 Public Administration (3)**

The theory and practice of administrative organization and the control of administrative action.

**312 International Organizations (3)**

The establishment and evolution of international organizations.

**313 International Relations (3)**

The nature and history of inter-government relations.

**400 Soldiers and Politics (3)**

The system of military versus civilian control of national military and political affairs. The German General Staff and its relationship with the German civilian government from 1900 to 1933. The influence of the German High Command on German internal politics and international relations. A comparison of the decision-making process of the German General Staff and the U.S. Department of Defense.

**401 Modern Political Thought (3) (Formerly 314)**

A critical analysis of selected political concepts.

**Psychology Courses (PSY)**

**200 General Psychology (3)**

Introduction to the basic principles of psychology. Prerequisite for all advanced courses in psychology.



**201 Introduction to Statistics (3) (See MAT 201 for description)**

**202 Industrial Psychology (3)**

Prerequisite: PSY 200. A study of the application of psychological principles to business and industry.

**203 Social Psychology (3)**

Prerequisite: PSY 200. The psychological processes: values, attitude, communication, and social adjustment arising from the interaction of human beings.

**210 Developmental Psychology (3)**

Prerequisite: PSY 200. Genetic, maturational and environmental factors are integrated to account for behavior at various levels in the life span of human beings.

**240 Educational Psychology (3)**

Prerequisite: PSY 200. The nature of and conditions for effective human learning and its evaluation in the areas of intellectual, emotional, and social growth.

**301 Tests and Measurements (3)**

Prerequisite: PSY 200. Theory and practice in constructing and administering psychological tests of intelligence, aptitudes, skills, interests, and other personality components.

**303 Abnormal Psychology (3)**

Prerequisite: PSY 200. A systematic presentation of concepts related to psychopathology and personality disorders.

**305 Physiological Psychology (3)**

Prerequisite: PSY 200. An introduction to the study of the correlation of physiological processes with behavior.

**311 Psychological Statistics and Experimental Design (3)**

Prerequisite: PSY 200. Designed especially for upper division students planning to pursue graduate work in behavioral science.

**400 History and Systems of Psychology: Seminar (3)**

Prerequisite: PSY 200. A survey of the history of systematic psychology from ancient to modern times. Independent study project and seminar presentation required.

**401 Experimental Psychology (3)**

Prerequisite: PSY 200. A laboratory course for demonstrating scientific methods as applied to the study of basic concepts of human behavior. Two lectures and one two-hour laboratory period each week.



#### **402 Clinical Psychology (3)**

Prerequisite: PSY 200 and 303. A comprehensive survey of techniques used by the clinical psychologist with opportunity for limited practicum work using the Binet and Wechler individual intelligence tests.

#### **403 Psychology of Counseling (3)**

Prerequisite: PSY 200 and 303. Special fields of psychology are integrated as a basis for effective guidance in personal adjustment, vocational selection, and interpersonal skills.

#### **405 Field Work in Psychology (3)**

Prerequisite: PSY 200, 301, 303, and either 402 or 403. Open only to Psychology majors. Students receive supervised practicum in community agencies. Laboratory fee: \$35.00.

#### **450 Problems in Psychology (1-3)**

Prerequisite: Senior standing, an overall "B" average, PSY 200 and 401, and permission of the instructor with approval of the department chairman. Independent study and honors research on individual problems in psychology.

### **Religion Courses (REL)**

#### **203 The Old Testament (3)**

Hebrew history and literature with emphasis on historical, prophetic, and Wisdom writings.

#### **204 The New Testament (3)**

The origin of early Christianity with emphasis on the canonical Gospels and Epistles.

#### **205 World Religions (3)**

A survey of the religions of the world, excluding Judaism and Christianity, which are in existence and are practiced today: Taoism, Islam, Hinduism, Buddhism, Confucianism, Zoroastrianism, and Shinto.

#### **210 Problems of Religious Thought (3)**

Major problems of religious history and thought. The course deals with different topics each time it is offered, and may be repeated for credit.

#### **301 Religion and the Mind of Man (3)**

Prerequisite: PHL 200 or REL 205 or permission of the instructor. An examination of the inter-action of religion and religious beliefs with the development of the mind of man, studied in its philosophic, historic, cultural, and psychological perspectives. This course deals with different topics each time it is offered. May be repeated for credit at the discretion of the division, so long as the subject



matter is not repeated. Covers such topics as Primitive Religion, Psychology of Religion, Eastern Philosophy. May be repeated for credit when the subject matter varies.

## **Seminar Course (SSR)**

### **490 Senior Seminar (3)**

A senior seminar, interdisciplinary in nature, is a University graduation requirement. It is required of all students who have completed 88 or more semester hours. A discussion of current national and international problems designed to encourage an understanding of their complex nature. Some attempts at creative problem solving, based upon current reading and recall of materials covered in earlier courses. Lectures, discussions, reports.

## **Sociology Courses (SOC)**

### **200 Introduction to Sociology I (3)**

Terms, basic concepts, and processes.

### **201 Introduction to Sociology II (3)**

Application of sociological concepts to basic areas.

### **210 Urban Sociology (3)**

Prerequisite: Six hours of sociology. Relation of modern city growth to basic institutions and values.

### **211 Criminology (3)**

Prerequisite: Six hours of sociology. A study of the kinds and theories of deviance.

### **212 Child Welfare (3)**

Prerequisite: Six hours of sociology. Considering growth, development, and welfare of the child as related to American society.

### **213 Industrial Sociology (3)**

Prerequisite: Six hours of sociology. Group and institutional factors as related to industry.

### **214 Penology (3)**

Prerequisite: Six hours of sociology. Study of problems and administration of penal institutions, and theories related to them.

### **215 Cultural Anthropology (3)**

Prerequisite: Six hours of sociology recommended, but not required. Viewing complex society through simple beginnings of culture, race, and language.



**300 Marriage and Family (3)**

Prerequisite: Six hours of sociology or senior standing. Importance of the family as related to personal, social, and world needs.

**301 Minority Groups (3)**

Prerequisite: Six hours of sociology. American ethnic minorities and sub-groups, with contributions and problems resulting.

**303 Introduction to Social Work (3)**

Prerequisite: Nine hours of sociology. Goals, methods, problems of social work from the perspective of the social worker.

**304 Juvenile Delinquency (3)**

Consideration of deviance factors and their prevention or treatment by means of community action and/or rehabilitation.

**305 Drug and Alcohol Addiction (3)**

A study of the drug and alcohol culture factors as related to consistent normal behavior and law.

**401 Social Work Practice Program (4)**

Prerequisite: Ninety hours total credit, including SOC 303, and a major in sociology or special permission of instructor. Experience in an agency supervised by a professor and agency personnel. (May be satisfied by SOC 450, with maximum of 4 hours applicable toward major.)

**405 School Social Work Field Program (9)**

Students in this course must meet curriculum for school social worker as listed. Field experience in a school system (6 hours credit) and independent study of school law and administration (3 hours credit). Supervised by professor and school personnel. (May be satisfied by SOC 450, with maximum of 9 hours applicable toward major.)

**410 Sociological Theory (3)**

Historical and analytical survey of major contributions of social thought, with emphasis upon the works of modern social theorists. (suggested prerequisites: 6 hours of sociology.)

**450 Problems in Sociology (1-15)**

Permission of area coordinator required. Primarily an internship course in social work, school social work, or criminology for 15 hours. (See descriptions for SOC 401 and 405.) With special permission not more than two students for each professor assigned can take this for independent study for not less than 3 nor more than 6 hours.



## **Spanish Courses (SPA)**

### **101-102 Elementary Spanish I, II (3, 3)**

SPA 101 is prerequisite to SPA 102. Audio-lingual method with emphasis on understanding, speaking and reading.

### **201-202 Intermediate Spanish I, II (3, 3)**

Prerequisite: SPA 102. SPA 201 is prerequisite to SPA 202. Continued practice in the oral-aural skills.

### **300-301 Advanced Spanish I, II (3, 3)**

Prerequisite: SPA 202. Emphasis on oral expression, reading, composition and grammar.

### **302-303 Introduction to Spanish Literature I, II (3, 3)**

Prerequisite: SPA 301 or consent of the instructor. From the origins to the contemporary period.

### **404-405 Hispanic Culture and Civilization I, II (3, 3)**

Prerequisite: SPA 301 or consent of the instructor. Spain and Latin America.

### **406-407 The Modern Spanish Novel I, II (3, 3)**

Prerequisite: SPA 301 or consent of the instructor. Novelists of the nineteenth and twentieth centuries.

### **450 Topics in Spanish (1-3)**

Prerequisite: Permission of the instructor. The content in this course is variable and it may be repeated for additional credit.

## **Courses in General Speech (SPE)**

### **100 Voice and Diction-Phonetics I (3)**

Voice production, enunciation, pronunciation and elementary phonetics. Extensive recordings and practice in speech laboratory. Offered every semester.

### **200 Oral Communication (3)**

Introduction to General Semantics; overcoming barriers to oral communication. Study and practice in reading aloud, discussion, platform techniques and general poise in speaking to groups. Offered every semester.

### **201 Radio Communication I (3)**

Taught by professional personnel working in a professional radio station. Through the generosity of Radio Station WSOL, this course offers training and practical experience in studio operation, news gathering and dissemination, public relations and public affairs. Prerequisite: JOU 200, or permission of instructor. Offered each Fall Semester.



**202 Radio Communication II (3)**

Extension of SPE 201. Students receive training in commercial Radio Station WSOL. Programming, radio announcing, sales, and more intensive study of studio operation. Offered each Spring Semester.

**205 Oral Interpretation of Literature (3)**

Techniques, performance and evaluation of reading aloud prose, poetry and dialogue. Background, motivation, emotional response, and empathic reaction are studied and criticized. Listening to master recordings, plus recording the student's performance, is basic. Offered every Fall semester.

**206 Phonetics II (3)**

Required of all Speech and Speech Pathology majors. Analysis of the sounds in American English, in isolation and in context, with a limited comparison of sounds in other languages. Practical application to diagnosis of articulation defects and speech improvement. Prerequisites: SPE 100. Offered every Spring semester.

**208 Business Speech (3)**

Techniques, skills and critiques on interviewing, making oral reports, utilizing visual aids, conducting and participating in problem-solving conferences and discussions. Suggested prerequisite: SPE 200.

**209 Argumentation and Debate (3)**

Exercises in defining issues of current problems, and supporting or refuting those issues by logic and persuasion. Instruction in various forms of debate and parliamentary procedure. Instruction in judging debate. Offered every Fall semester.

**302 Public Speaking (3)**

Principles and practice in public address. Composition and delivery of various speeches with critiques. Research, listening to recorded models of professional speakers, and analyses of them. Prerequisite: SPE 200, or permission of instructor. Offered every Spring semester.

**306 Debate Practicum (1)**

Prerequisite: SPE 209. Study of the "comparative advantage" case, and participation in a minimum of four intercollegiate or international debates. Specific instruction and practice in cross-examination. Offered every Spring semester.

**412 Seminar in Public Performance (3)**

Prerequisite: SPE 205 or 209 or 302. Required of all speech majors. With the guidance of the instructor, the student prepares a project in oral interpretation, public speaking, or debate to be presented before a live audience and taped.



## **422 The Teaching of Speech (3)**

Prerequisites: SPE 205, and either SPE 209 or 302. A study of teaching oral communication in all forms, including the planning of tournaments and festivals. Methods of motivating, instructing, and criticizing the student performer at various levels. Offered alternate years in Spring and Summer terms.

## **Courses in Speech Pathology (SPP)**

### **200 Survey of Communication Disorders (3)**

Recognition, management and referral of children with speech and hearing problems.

### **303 Exceptional Children in the School (3)**

Characteristics and needs of exceptional children will be studied.

### **305 Communication Disorders I: Articulation and Voice (4)**

Prerequisite: SPP 200; and major in speech pathology. Problems of classification, identification, evaluation, and therapy procedures for voice and articulation. Observations at clinics required.

### **306 Communication Disorders II: Language and Stuttering (4)**

Prerequisite: SPP 200 and major in speech pathology. The identification, evaluation, classification and therapy procedures of general language problems, aphasia, and stuttering. Observations at clinics required.

### **307 Anatomy and Physiology of Speech and Hearing (3)**

Speech and hearing mechanisms, their structures and their functions.

### **308 Communications Disorders III: Audiology (4)**

Prerequisite: SPP 200 and major in speech pathology. Use of the audiometer for the purpose of audiometric screening and evaluation.

### **309 Communication Disorders IV: Hearing Rehabilitation (3)**

Prerequisite: SPP 200. Various remedial procedures used with hearing handicapped children. Five hours of observation required.

### **401 Diagnosis and Evaluation of Speech Disorders (3)**

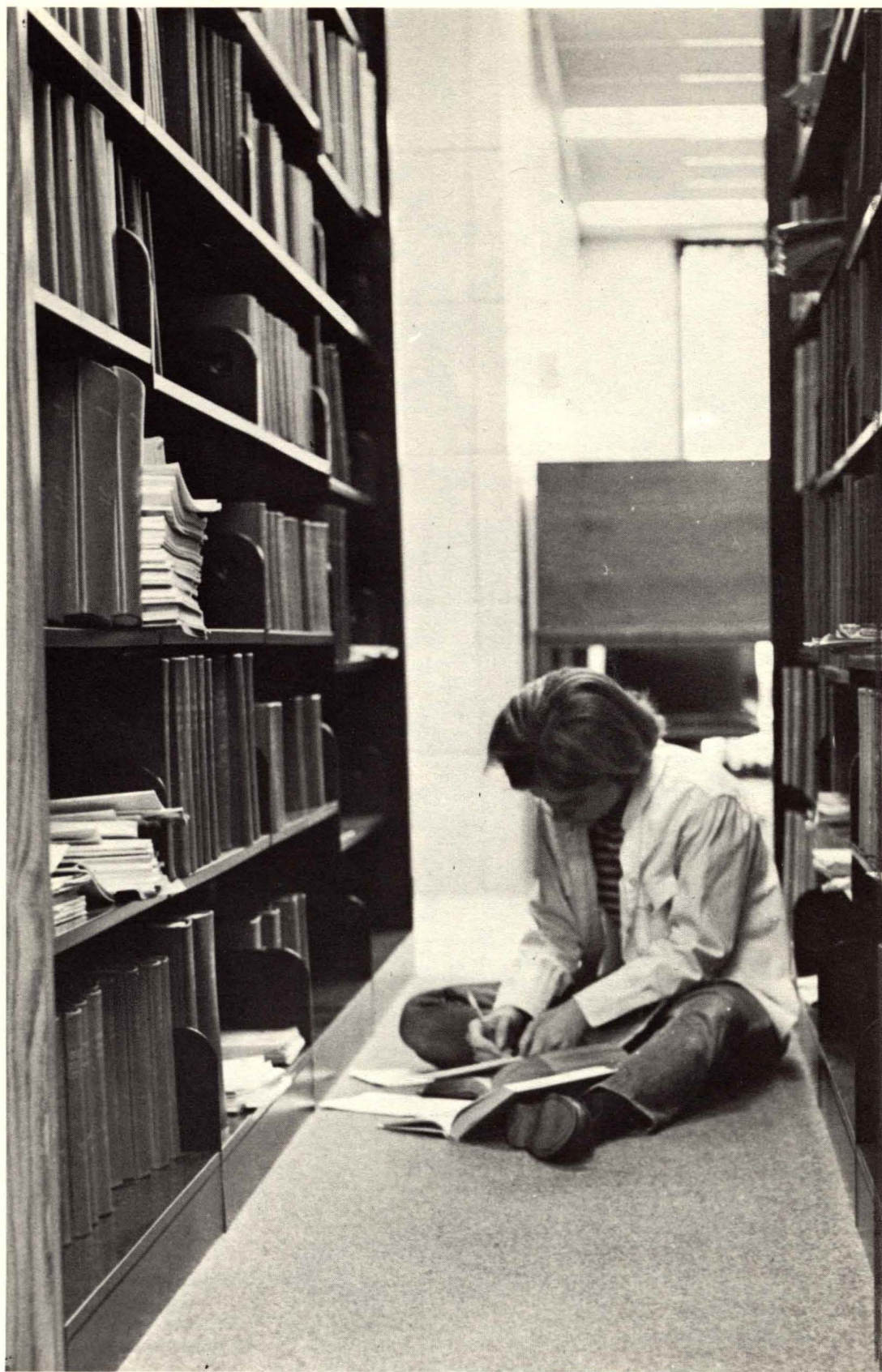
Prerequisite: SPP 305, 306, 307, or consent of the professor. Administering, scoring, and interpreting results of standardized tests used for the assessment of speech disorders. Report writing, referral agencies and consultation with other professionals will also be discussed.



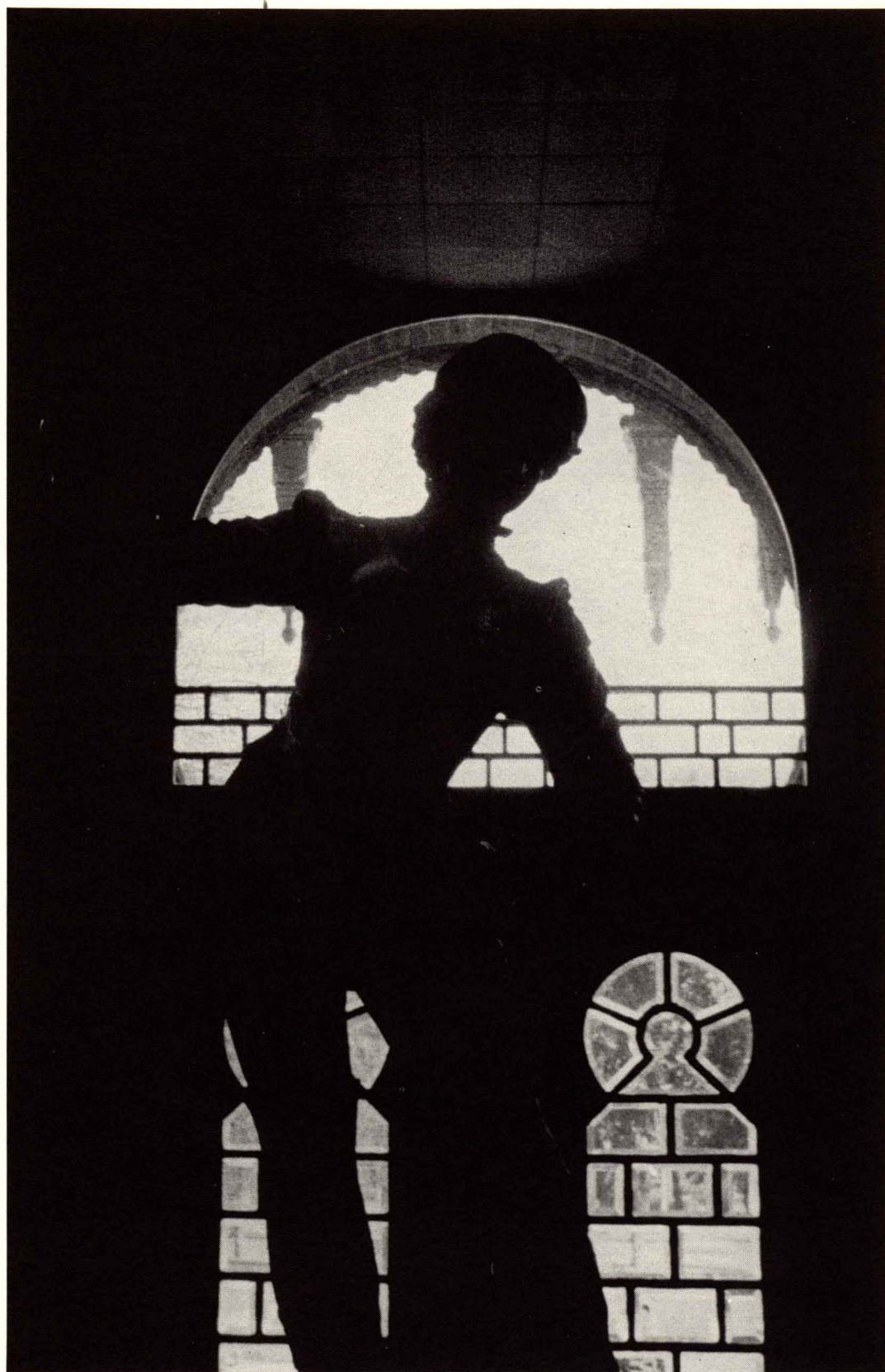
#### **402 Clinical Practicum (1-9)**

Prerequisite: SPP 401 and consent of the professor (speech pathology majors only). The student in training will work with clients exhibiting speech and/or hearing disorders. Evaluation, diagnosis and therapy will be conducted by the student in training under the professional supervision of a speech pathologist holding the Certificate of Clinical Competence of the American Speech and Hearing Association. Therapy will be conducted at the University Speech and Hearing Clinic and in cooperating community speech hearing clinics and in public speech therapy programs.











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Julian T. Erwin, President, Erwin Industries, Incorporated  
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Stapleton D. Gooch, IV, Architect  
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George W. Harvey, Jr., WFLA-TV



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 Matt M. Jetton, Sunstate Builders, Incorporated  
 Carl W. Johnson, First Federal Savings and Loan Association  
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 James M. Kelly, First National  
 Robert W. Kuhn, Reynolds Securities  
 Paul E. Leblanc, Vice President, Area Development, General  
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 Richard A. Martorell, M.D.  
 John S. McMullen, Assistant Vice President, First National Bank  
 of Tampa  
 John W. McWhirter, Jr., Attorney  
 Charles J. Meyer, Engineer, General Telephone Company of Florida  
 John C. Mills, Jr., John C. Mills Agency  
 R. Brevard Moore, Rear Admiral, USN-Ret.  
 Edward G. Netscher, Vice President - Finance, Lykes Bros. Inc.  
 Lester K. Olson, President, J. P. Griffin, Inc.  
 Zennith Pasternack, President, Pendola's Men's Wear  
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 Outdoor Advertising Co.  
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 Robert C. Rice, Jr., Vice President, Rice Agency, Inc.  
 William S. Rinaldi, Rinaldi Printing Company  
 Justo Rodriguez, Jr., Secretary-Treasurer, Corral, Wodiska y Ca., Inc.  
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 Mandell Shimberg, Jr., President, LaMonte-Shimberg Corporation  
 Stephen S. Sloan, The Second National Bank of Tampa  
 Joseph F. Smiley, Jr., Vice President, Marine Bank and Trust  
 Company  
 Paul A. Straske, Attorney  
 Robert W. Taliaferro, President, Taliaferro & Associates  
 H. Vincent Thornton, Attorney  
 J. Thomas Touchton, Riter, Pyne, Kendall & Hollister  
 John R. Trinkle, Jr., Attorney, Allen, Dell, Frank & Trinkle  
 Robert S. Trinkle, Attorney, Trinkle, Redman, Clawson & Peavyhouse  
 Milo A. Vega, Corral, Wodiska y Ca., Inc.  
 David E. Ward, Jr., Attorney, Fowler, White, Gillen, Humkey,  
 Kinney and Boggs  
 James W. Warren, Jr., Assistant Vice President, First National  
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 William A. Watson, President and Chairman of the Board,  
 Watson and Company  
 Cletus J. Webber, General Manager, Westinghouse Electric  
 Corporation, Tampa Division  
 M. Jeffrey White, M.D.



Donald L. Whittemore, Jr., President, Southeast Bank of Tampa  
G. Pierce Wood, Vice President, Tampa Electric Company  
Fred J. Woods, Jr., Attorney at Law  
Lem P. Woods, Jr., President, Interbay Marina, Incorporated  
William T. Young, Jr., William T. Young and Associates

## Officers of Administration

The listing is current as of November 1, 1972. Date in parentheses shows initial appointment at the University of Tampa.

### B. D. Owens, B.S., Ph.D. (1971) President

Edward H. Ward, B.S., M.B.A., J.D. (1971), Executive Assistant to the President

Sam M. Bailey, B.S. (1950), Special Assistant to the President

Mrs. Sylvia Lee (1971), Secretary to the President

Mrs. Yvonne Schroeder (1971), Secretary, President's Office

Miss Linda Lyman (1972), Secretary, President's Office

### Michael J. Mendelsohn, B.A., M.A., Ph.D. (1972), Vice President for Academic Affairs and Dean of Faculties

Charles L. Hyde, B.S., M.A. (1960), Associate Dean of Faculties; Director of Continuing Education

Eugene H. Cropsey, B.S., M.A. (1964), Director of Admissions and Records

Mrs. Virginia R. Monroe (1964), Assistant Director of Records

Robert W. Cook, A.B. (1969), Assistant Director of Admissions

David E. Sumner, B.A. (1971), Administrative Assistant to the Director of Admissions and Records

James N. Schrader, B.S. (1968), Director, Military Education Programs

Gary M. Stevens, B.S., M.A. (1969), Director of Space Utilization and Registration; Administrative Assistant to the Associate Dean

Mrs. Jane Young (1961), Secretary to Vice President for Academic Affairs and Dean of Faculties

### Edmund P. Sliz, B.S., M.S. (1962), Vice President for Business Affairs

Max R. Disbennett (1962), Comptroller

Robert Woodling, B.S. (1972), Chief Accountant, C.P.A.

James G. Chiricos (1958), Director of Plant

Robert L. Lovelace, B.S. (1969), Director of Personnel

John F. Rhilinger (1965), Director of Purchases

Robert Brunck, B.A. (1971), Assistant Director of Purchases

Paul E. Sawyer, B.S. (1968), Student Financial Aid Officer

Mrs. Charlotte Pratt (1962), Director of Projects and Food Services

Joseph H. Diaz (1968), Director of Computer Center

Medrick M. Chandler (1971), Director of Security, University Safety Officer

Cesar Del Castillo (1963), Custodial Superintendent

Mrs. Bette D. Gifford (1967), Secretary to Vice President for Business Affairs



Robert B. Gronlund, B.A., B.D. (1969), Vice President for  
Development and Public Relations  
Printy Arthur, B.S., B.S. Ed. (1971), Director of Development for  
Income Trusts and Bequests  
Mrs. Doris Anne Brockway (1970), Director of Publications  
Irving Edelson, B.J. (1970), Director of Public Information  
Frank D. Hutchins, B.A. (1961), Director of Photographic Services  
Edward P. Snee, B.S. (1967), Director of Development for Annual  
Giving, and Director of Alumni Relations  
Mrs. H. L. Crowder, Jr. (1970), Secretary to Vice President for  
Development and Public Relations

Charles R. West, B.A., M.A., Ph.D. (1963), Vice President for Student  
Affairs  
Chester C. Arnold, B.S., M.A. (1972), Coordinator of Counseling  
Services and Career Development  
Mrs. Marisol Johns, B.A., M.A. (1969), Dean of Women  
John Meyer, A.B., M.Ed. (1972), Dean of Men  
Robert E. Lovely, B.S., M.A. (1960), Director of the University  
Union and Director of Student Activities  
Frank T. Linz, M.D. (1962), University Physician  
Mrs. Bernice Morris, R.N., B.A., M.A. (1965), Director of the  
Student Health Center  
Mrs. Evelyn Kimble (1971), Secretary to the Vice President for  
Student Affairs

David M. Delo, A.B., M.A., Ph.D., Sc.D., LL.D., L.H.D. (1958),  
Chancellor; Chairman of the Board of Fellows

## **Admissions Counselors**

Dennis W. Kayden, B.S. (1972), Admissions Counselor  
Robert D. McCall, B.S. (1972), Admissions Counselor  
Dennis A. Sercombe, Jr., B.S., M.A. (1972), Admissions Counselor

## **Library**

Barbara L. Sugden, B.A., M.L.S. (1971), Acting Director of Library  
Charlotte Anne Thompson, A.B., A.B. in L.S., M.S. in L.S. (1933),  
Head, Special Collections Division  
Gloria Runton, A.B., M.A. (1954), Head, Technical Services Division  
Marlyn Cook, B.A., M.A. (1972), Head, Public Services Division  
Dianna Jolly, B.A., M.S. (1972), General Librarian in Reference  
and Technical Services  
Vanda Nelson, A.B., M.A. (1956), General Librarian in Technical  
Services

## **The Faculty**

The faculty is listed below in alphabetical order by rank. The listing is current as of November 1, 1972. Date in parentheses shows initial appointment at the University of Tampa.



## Professors

- Miller K. Adams, B.S., M.A., Ed.D. (1935), Professor of Physical Education; B.S., University of Tampa, 1935; M.A., New York University, 1946; Ed.D., *ibid.*, 1960.
- J. Ryan Beiser, A.B., M.A., Ph.D. (1953), Professor of History and Political Science; A.B., St. Ambrose College, 1931; M.A., Georgetown University, 1933; Ph.D., Catholic University of America, 1941.
- James Bignell, B.S., M.A. (1948), Professor of Industrial Arts; B.S., Midland College, 1932; M.A., Nebraska State University, 1936.
- Samuel E. Brick, A.B., M.S., Ph.D. (1968), Professor of Education; A.B., Kansas Wesleyan, 1939; M.S., University of Kansas, 1947; Ph.D., *ibid.*, 1952.
- James W. Covington, B.S., M.A., Ph.D. (1950), Professor of History and Political Science; B.S., St. Louis University, 1941; M.A., *ibid.*, 1943; Ph.D., University of Oklahoma, 1949.
- Thomas Jeff Davis, B.A., Ph.D. (1966), Professor of Economics and Business; B.A., University of Mississippi, 1927; Ph.D., American University, 1955.
- Willis J. Dunn, A.B., M.A., Ph.D. (1958), Professor of Sociology; A.B., Asbury College, 1935; M.A., Michigan State University, 1937; Ph.D., *ibid.*, 1955.
- Marlon L. Ellison, B.S., M.S., Ph.D. (1964), Professor of Biology; B.S., Iowa State University, 1940; M.S., Trinity University, 1961; Ph.D., University of Kansas, 1964.
- Hugh Price Fellows, B.A., M.A., B.S., Ph.D. (1964), Professor of Speech; B.A., Bob Jones University, 1935; M.A., Northwestern University, 1937; B.S., McMurray College, 1939; Ph.D., New York University, 1955.
- Eustasio Fernandez, B.S., M.A.E., M.A., Doctor en Letras (1951), Professor of Modern Languages; B.S., University of Florida, 1941; M.A.E., University of Maryland, 1947; M.A., Middlebury College, 1950; Doctor en Letras, National University of Mexico, 1960.
- Curtis A. Gilgash, A.B., M.A., Ph.D. (1962), Professor of Psychology; A.B., Washington College, 1949; M.A., American University, 1953; Ph.D., *ibid.*, 1956.
- Wallace F. Green, B.S., M.S. (1962), Professor of Art; B.S., University of Wisconsin, 1949; M.S., *ibid.*, 1951.
- Kenneth W. Haney, B.Ed., M.A., Ph.D. (1966), Professor of Sociology; B.Ed., Illinois State University, 1944; M.A., University of Chicago, 1945; Ph.D., *ibid.*, 1962.
- Robert L. Harder, B.S., B.A., A.M., Ph.D. (1969), Professor of Philosophy; B.S., Penn. State, 1942; B.A., Penn. State, 1947; A.M., Columbia University, 1949; Ph.D., *ibid.*, 1956.
- Charles L. Hyde, B.S., M.A. (1960), Professor of Economics and Business; B.S., Southwest Missouri State College, 1952; M.A., University of Missouri, 1955.
- Jesse L. Keene, A.B., M.A., Ph.D. (1936), Professor of History and Political Science; A.B., Vanderbilt University, 1927; M.A., George Peabody College for Teachers, 1937; Ph.D., University of Florida, 1955.
- Julius D. Locke, A.B., M.A., Ph.D. (1958), Professor of English and Poet-in-Residence; A.B., University of Tampa, 1949; M.A., University of Florida, 1955; Ph.D., *ibid.*, 1958.



- Alvan R. McFadyen, A.B., M.A., Ph.D. (1952), Professor of English; A.B., University of North Carolina, 1931; M.A., Duke University, 1941; Ph.D., University of Florida, 1955.
- Michael J. Mendelsohn, B.A., M.A., Ph.D. (1972), Professor of English; B.A., University of Pittsburg, 1951; M.A., Trinity University, 1954; Ph.D., University of Colorado, 1962.
- B. D. Owens, B.S., Ph.D. (1971), Professor of Economics; B.S., Northwest Missouri State College, 1959; Ph.D., University of Pennsylvania, 1962.
- Stephen L. Speronis, B.A., M.A., Ph.D. (1956), Professor of History and Political Science; B.A., Boston University, 1947; M.A., *ibid.*, 1948; Ph.D., University of Michigan, 1956.
- William D. Stewart, A.B., B.Ed., M.A., Ph.D. (1964), Professor of English; A.B., University of Puget Sound, 1942; M.A., *ibid.*, 1950; B.Ed., *ibid.*, 1951; Ph.D., University of Mainz, 1953.
- Francis J. Thompson, A.B., M.A., Ph.D. (1955), Professor of English; A.B., Columbia College, New York, 1930; M.A., Columbia University, 1931; Ph.D., New York University, 1941.
- Walter M. Turner, B.S., M.A. (1971), Professor of Military Science; B.S., University of Florida, 1943; M.A., University of Mississippi, 1959.
- Charles R. Walker, Jr., B.A., B.S., B.S.Ed., M.A., M.S., Ph.D., Sc.D. (1956), Professor of Biology; B.A., Marshall College, 1942; B.S., Union College, 1943; B.S.Ed., *ibid.*, 1943; M.A., West Virginia University, 1944; M.S., University of Kentucky, 1946; Ph.D., *ibid.*, 1948; Sc.D., Union College, 1967.
- Lloyd M. Wolfe, A.B., M.A., Ed.D. (1966), Professor of Education; A.B., Hillsdale College, 1924; M.A., University of Michigan, 1939; Ed.D., *ibid.*, 1962.

### Associate Professors

- Russel C. Apple, A.B., M.C.S. (1949), Associate Professor of Economics and Business; A.B., Central Normal, 1936; M.C.S., Indiana University, 1941.
- William W. Cyzewski, B.S., M.B.A., Ph.D. (1960), Associate Professor of Economics and Business; B.S., New York University, 1948; M.B.A., *ibid.*, 1959; Ph.D., University of Alabama, 1970.
- David B. Ford, B.S., M.S., M.S., Ph.D. (1969), Associate Professor of Chemistry; B.S., Kansas State College, 1961; M.S. Kansas State Teachers College, 1965; M.S., Syracuse University, 1969; Ph.D., *ibid.*, 1969.
- William E. Gallagher, A.B., M.A. (1961), Associate Professor of English; A.B., City College of New York, 1939; M.A., New York University, 1960.
- Francis X. Gillen, B.S., M.A., Ph.D. (1971), Associate Professor of English; B.S., Canisius College, 1959; M.A., Fordham University, 1964; Ph.D., *ibid.*, 1969.
- Gene B. Goforth, B.B.A., M.A., Ph.D. (1970), Associate Professor of Economics and Business; B.B.A., Sam Houston State University, 1957; M.A., *ibid.*, 1958; Ph.D., Indiana University, 1966.
- Richard H. Gude, B.S., M.S., Ph.D. (1968), Associate Professor of Biology; B.S., Wisconsin State College, 1960; M.S., Michigan State University, 1962; Ph.D., *ibid.*, 1965.



- Theodore W. Jennings, A.B., B.D., M.S., Ph.D. (1965), Associate Professor of Psychology; A.B., University of Florida, 1946; B.D., Emory University, 1948; M.S., University of Miami, 1962; Ph.D., *ibid.*, 1963.
- Mary L. Lake, A.B., M.Ed., Ed.D. (1969), Associate Professor of Education; A.B., Florida State University, 1925; M.Ed., University of Florida, 1955; Ed.D., *ibid.*, 1963.
- William D. Leith, B.S., M.A., Ph.D. (1961), Associate Professor of Modern Languages; B.S., University of Tampa, 1958; M.A., Florida State University, 1961; Ph.D., *ibid.*, 1967.
- Richard M. Narske, B.A., M.S., Ph.D. (1968), Associate Professor of Chemistry; B.A., Augustana College, 1964; M.S., University of Iowa, 1966; Ph.D., *ibid.*, 1968.
- Stephen Park, A.B., M.M. (1939), Associate Professor of Music and Composer-in-Residence; A.B., University of Nebraska, 1929; M.M., University of Michigan, 1937.
- Vincent J. Petti, B.S., M.A. (1968), Associate Professor of Drama; B.S., University of Tampa, 1959; M.A., University of Miami, 1962.
- G. Lawrence Roberts, Jr., B.S., M.Ed. (1948), Associate Professor of Economics and Business; B.S., Boston University, 1942; M.Ed., *ibid.*, 1948.
- Richard W. Rodean, B.M., M.M. (1966), Associate Professor of Music and Director of Musical Studies; B.M., Eastman School of Music, 1962; M.M., *ibid.*, 1964.
- Wayne L. Smith, B.S., M.S.T., Ph.D. (1972), Associate Professor of Biology; B.S., Michigan State University, 1959; M.S.T., University of Montana, 1964; Ph.D., Michigan State University, 1972.
- Joe Testa-Secca, B.S., M.F.A. (1965), Associate Professor of Art and Artist-in-Residence; B.S., University of Tampa, 1950; M.F.A., University of Georgia, 1956.
- Edward H. Ward, B.S., M.B.A., J.D. (1971), Associate Professor of Economics and Business; B.S., Bowling Green State University, 1958; M.B.A., *ibid.*, 1965; J.D., University of Michigan, 1961.
- William Worobey, B.A., M.S., Ph.D. (1971), Associate Professor of Mathematics; B.S., Illinois Institute of Technology, 1962; M.S., *ibid.*, 1965; Ph.D., *ibid.*, 1967.

### **Assistant Professors**

- Frances Allen, A.B., M.F.A. (1954), Assistant Professor of Speech; A.B., Cornell College, 1935; M.F.A., State University of Iowa, 1955.
- Patricia Wall Benz, B.S., M.A. (1968), Assistant Professor of Education; B.S., University of Tampa, 1960; M.A., University of Florida, 1966.
- George R. Botjer, B.S., M.A. (1962), Assistant Professor of History; B.S., New York University, 1959; M.A., *ibid.*, 1961.
- Ruth C. Bragg, B.S., M.Ed. (1962), Assistant Professor of Physical Education; B.S., University of Tampa, 1958; M.Ed., West Chester State College, 1963.
- Joan R. Burr, B.A., M.A., Ph.D. (1971), Assistant Professor of Psychology; B.A., University of Colorado, 1966; M.A., *ibid.*, 1969; Ph.D., *ibid.*, 1972.



- George H. Cave, Jr., B.A., S.T.B., S.T.M. (1969), Assistant Professor of Philosophy and Religion; B.A., The University of the South, 1956; S.T.B., Berkeley Divinity School, 1959; S.T.M., The University of the South, 1964.
- Joe F. Decker, B.A., M.A., Ph.D. (1971), Assistant Professor of History; B.A., Samford University, 1958; M.A., University of Louisville, 1964; Ph.D., University of Georgia, 1969.
- James J. Dinsmore, B.S., M.S., Ph.D. (1971), Assistant Professor of Biology; B.S., Iowa State University; M.S., University of Wisconsin, 1967; Ph.D., University of Florida, 1970.
- Fred Fisher, A.B., M.S.W. (1963), Assistant Professor of Sociology; A.B., Calvin College, 1949; M.S.W., University of Michigan, 1953.
- Melvin Garten, B.B.A., M.A. (1970), Assistant Professor of History and Political Science; B.B.A., College of the City of New York, 1942; M.A., George Washington University, 1964.
- Lewis Harris, B.F.A., M.A. (1968), Assistant Professor of Art; B.F.A., University of Illinois, 1966; M.A., University of Florida, 1968.
- Benjamin G. Hartzog, Jr., A.B., Ph.D. (1972), Assistant Professor of Economics and Business; A.B., Wofford College, 1967; Ph.D., University of Alabama, 1970.
- David G. Hayes, B.S., M.A. (1968), Assistant Professor of Physical Education; B.S., University of Tampa, 1964; M.A., Appalachian State, 1967.
- John I. Hopf, B.S.Ed., M.A. (1968), Assistant Professor in Education and Sociology; B.S.Ed., University of Cincinnati, 1950; M.S., University of Florida, 1955.
- Aurobindo J. Jani, LL.B., B.A., M.A. (1967), Assistant Professor of Psychology; LL.B., Bombay University, India, 1948; B.A., *ibid.*, 1950; M.A., Gujarat University, India, 1953; M.A., Duke University, 1964.
- A. J. Kainen, A.B., M.A. (1959), Assistant Professor of Mathematics; A.B., University of Missouri, 1934; M.A. University of Texas, 1952.
- Willem Kievith, B.S., M.A. (1972), Assistant Professor of Military Science; B.S., University of San Francisco, 1960; M.A., *ibid.*, 1964.
- Peter E. Koopman, A.B., M.A. (1969), Assistant Professor of Education; A.B., Wayne State University, 1950; M.A., Eastern Michigan University, 1957.
- Howard W. Kratz, B.S., M.Ed., Ph.D. (1970), Assistant Professor of Education; B.S., Indiana State University, 1959; M.Ed., Loyola College, 1966; Ph.D., University of South Carolina, 1970.
- Julius Langlinais, B.S., M.S., Ph.D. (1971), Assistant Professor of Physics; B.S., University of Southwestern Louisiana, 1967; M.S., Louisiana State University, 1970; Ph.D., *ibid.*, 1971.
- Gary N. Laporte, A.A., M.A. (1971), Assistant Professor of Speech; A.A., St. Petersburg Junior College, 1965; M.A., University of South Florida, 1968.
- John H. Lindenmeyer, B.S., M.A. (1963), Assistant Professor of Political Science; B.A., State University of Iowa, 1936; M.A., *ibid.*, 1946.
- William J. Lohman, A.B., M.A., Ph.D. (1970), Assistant Professor of English; A.B., Davidson College, 1960; M.A., Duke University, 1966; Ph.D., *ibid.*, 1972.
- Sue McCord, B.A., M.A. (1967), Assistant Professor of History; B.A., Huntington College, 1951; M.A., Vanderbilt University, 1953.



- J. E. McKinney, B.S., M.B.A. (1969), Assistant Professor of Economics and Business; B.S., Georgia Institute of Technology, 1939; M.B.A., Cornell University, 1950.
- Stephen E. Meats, B.A., M.A., Ph.D. (1972), Assistant Professor of English; B.A., University of South Carolina, 1966; M.A., *ibid.*, 1968; Ph.D., *ibid.*, 1972.
- Stephen E. Monaloy, B.S., M.S., Ph.D. (1971), Assistant Professor of Biology; B.S., University of New Mexico, 1965; M.S., Kansas State College of Pittsburg, 1967; Ph.D., University of Oklahoma, 1972.
- Harold Nosti, B.A. (1963), Assistant Professor of Art; B.A., University of Washington, 1955.
- Owen J. Reynolds, B.S., M.S. (1958), Assistant Professor of Mathematics; B.S., Alfred University, 1934; M.S., *ibid.*, 1935.
- Ralph R. Ripley, B.S. (1971), Assistant Professor of Military Science; B.S., University of Wyoming, 1967.
- Alice Rodriguez, B.S., M.P.H., Ed.D. (1960), Assistant Professor of Physical Education; B.S., University of Tampa, 1952; M.P.H., University of Florida, 1956; Ed.D., University of Alabama, 1972.
- Michael Rothburd, B.S., M.A., Ph.D. (1971), Assistant Professor of Psychology; B.S., Ohio University, 1962; M.A., Temple University, 1963; Ph.D., Ohio University, 1970.
- Herman J. Saatkamp, Jr., B.A., B.D., M.A., Ph.D. (1970), Assistant Professor of Philosophy and Religion; B.A., Carson-Newman College, 1964; B.D., Southern Theological Seminary, 1967; M.A., Vanderbilt University, 1970; Ph.D., *ibid.*, 1972.
- Elyse B. Sheppard, A.B., M.A. (1946), Assistant Professor of Mathematics; A.B., Florida State University, 1930; M.A., University of Michigan, 1946.
- Edwin F. Strother, B.S., Ph.D. (1971), Assistant Professor of Physics; B.S., University of South Carolina; Ph.D., *ibid.*, 1971.
- Bryan W. Teates, B.S. (1971), Assistant Professor of Military Science; B.S., Virginia Polytechnic Institute, 1959.
- Michael Hugh Truscott, B.A., M.B.A., Ph.D. (1971), Assistant Professor of Economics and Business; B.A., Southwestern at Memphis, 1962; M.B.A., Memphis State University, 1966; Ph.D., Louisiana State University, 1971.
- Stanton G. Truxillo, B.S., Ph.D. (1970), Assistant Professor of Physics; B.S., Loyola University of the South, 1963; Ph.D., Louisiana State University, 1969.
- Joseph G. Waite, B.S., M.S. (1967), Assistant Professor of Biology; B.S., University of Tampa, 1961; M.S., Auburn University, 1969.
- Malcolm Westly, B.A., M.A. (1962), Assistant Professor of Music; B.A., State University of Iowa, 1953; M.A., *ibid.*, 1954.
- Earl M. Williams, B.A., M.A. (1970), Assistant Professor of English; B.A., Mississippi College, 1952; M.A., University of Mississippi, 1954.
- Charles V. Wilson III, B.S. (1971), Assistant Professor of Military Science; B.S., North Dakota State University, 1964.
- Robbie E. Wooten, B.S., M.A. (1946), Assistant Professor of Economics and Business; B.S., Murray State Teachers College, 1941; M.A., University of Florida, 1957.



### **Visiting Faculty**

Herman H. Siemers, A.B., M.S. (1968), Visiting Professor in Physics; A.B., Northern Iowa University, 1925; M.S., University of Michigan, 1941.

### **Artist-in-Residence**

Esther Glazer (1971), Artist-in-Residence; Diploma, Julliard School of Music, 1949.

### **Author-in-Residence**

Stanley Kimmel (1972), Author-in-Residence.

### **Instructors**

Gilbert Demeza, B.A., M.F.A. (1970), Instructor in Art; B.A., University of Tampa, 1965; M.F.A., University of Georgia, 1967.

Judith Edberg, B.M., M.M. (1972), Instructor in Music; B.M., Wayne State University, 1950; M.M., *ibid.*, 1971.

Gregg Holleman, B.M. (1971), Instructor in Music; B.M., University of Tampa, 1970.

Jerrold M. Michaelson, B.M.E. (effective Spring 1973), Instructor in Music; B.M.E., Florida State University, 1968.

Ronald W. Rosenberry, B.S. (1971), Instructor in Physical Education; B.S., University of Tampa, 1969.

Constance B. Rynder, B.A., M.A. (1972), Instructor in History; B.A., University of Toledo, 1967; M.A., University of Nebraska, 1970.

Anniece T. Ross, B.A., M.A. (1971), Instructor in English; B.A., Memphis State University, 1964; M.A., University of Virginia, 1968.

Rebecca L. Moore Singletary, B.A., M.A. (1970), Instructor in Philosophy and Religion; B.A., University of South Florida, 1966; M.A., Florida State University, 1969.

Alvin F. Terry, B.S. (1966), Instructor in Economics and Business; B.S., University of Tampa, 1964.

### **MacDill Campus Faculty**

Ghalib D. Al-Tikriti, B.S., M.A., Lecturer in Mathematics; B.S., Marquette University, 1968; M.A., University of South Florida, 1971.

Robert H. Branch, Jr., B.S., M.C.S., Lecturer in Mathematics; B.S., Tennessee A.&I. State University, 1962; M.C.S., Texas A&M University, 1970.

Pauline Bransford, B.S., M.A., Lecturer in English; B.S., University of Tampa, 1957; M.A., Appalachian State Teachers College, 1964.

Richard J. Cole, B.S., M.S., Lecturer in History; B.S., University of Tampa, 1956; M.S., Florida State University, 1960.

James S. Coward, B.S., M.A., Lecturer in Political Science and History; B.S., Washington University, 1966; M.A., *ibid.*, 1969.

Theodore J. Conway, B.S., M.A., Lecturer in Political Science; B.S., USMA, 1933; M.A., University of South Florida, 1971.

Deryl L. Cram, B.S., M.B.A., Lecturer in Accounting; B.S., Brigham Young University, 1954; M.B.A., University of Southern California, 1966.

Jack Dayan, B.A., M.Ed., Lecturer in English; B.A., University of Tampa, 1948; M.Ed., University of Florida, 1965.



- Michael Gonzalez, B.S., M.S., Lecturer in Biology; B.S., University of South Florida, 1966; M.S., *ibid.*, 1970.
- Edmund J. Lachance, B.A., M.A., Lecturer in Sociology; B.A., Evansville College, 1965; M.A., University of Evansville, 1967.
- Edwards A. Lefferts, B.S., M.S., Lecturer in Business Administration; B.S., University of Arizona, 1954; M.S., San Diego State College, 1970.
- Mary S. Natole, B.S., M.Ed., Lecturer in Spanish; B.S., University of Tampa, 1953; M.Ed., University of Florida, 1959.
- Ronald J. Rakowsky, B.A., Juris Doctor, Lecturer in Business Law; B.A., Denison University, 1966; Juris Doctor, Case Western Reserve University, 1969.
- Gail A. Reynolds, B.A., M.A., Lecturer in English; B.A., University of South Florida, 1969; M.A., *ibid.*, 1972.
- Stanley E. Rodby, B.S., M.A., Lecturer in Sociology; B.S., University of Maryland, 1965; M.A., University of South Florida, 1972.
- Robert S. Sumner, B.A., M.A., Lecturer in History; B.A., University of Tampa, 1965; M.A., Niagara University, 1970.
- Thaddeus W. Tedrowe, B.S., M.B.A., Lecturer in Business and Economics; B.S., Florida Southern College, 1955; M.B.A., University of South Florida, 1968.
- Marvin T. Travis, A.B., M.B.A., Lecturer in Business Administration; A.B., Emory University, 1955; M.B.A., Arizona State University, 1966.
- Larry W. Wertz, B.S., Juris Doctor, Lecturer in Business Law; B.S., Virginia Military Institute, 1967; Juris Doctor, Washington & Lee University, 1970.
- Annamae Whitehouse, B.S., M.Ed., Lecturer in English; B.S., Ohio University, 1955; M.Ed., *ibid.*, 1963.
- Chester J. Wiley, B.S., M.B.A., Lecturer in Accounting; B.S., Florida Southern College, 1956; M.B.A., Indiana University, 1965.
- Kay R. Worley, B.A., M.A., Lecturer in Sociology; B.A., Ohio State University, 1968; M.A., University of Illinois, 1971.

### **Professors Emeriti**

- Guy G. Becknell, B.S., M.S., Ph.D., Sc.D. (1931-1960), Professor of Physics, Emeritus; B.S., Northwestern University, 1904; M.S., *ibid.*, 1905; Ph.D., Clark University, 1911; Sc.D., University of Tampa, 1946.
- Zoe Cowen, B.S., M.A., Ph.D. (1947-1960), Professor of Elementary Education, Emeritus; B.S., George Peabody College for Teachers, 1928; M.A., *ibid.*, 1929; Ph.D., *ibid.*, 1941.
- Clyde T. Reed, A.B., M.S. (1944-1962), Associate Professor of Biology, Emeritus; A.B., Campbell College, 1914; M.S., Washington College, 1918; M.S., Cornell University, 1937.
- Howard G. Baker, A.B., M.A., Ph.D. (1946-1964), Professor of English, Emeritus; A.B., Washington and Jefferson College, 1918; M.A., *ibid.*, 1920; M.A., Pennsylvania State College, 1926; Ph.D., University of Michigan, 1938.
- Stella M. Cox, B.S., M.A. (1946-1964), Associate Professor of Home Economics, Emeritus; B.S., Tennessee State College, 1927; M.A., George Peabody College for Teachers, 1934.
- Lyman Wiltse, Mus.B., M.M. (1938-1965), Associate Professor of Music, Emeritus; Mus.B., Cincinnati Conservatory of Music, 1945; M.M., *ibid.*, 1948.



- Robert J. Nickel, A.B., M.A., Ed.D. (1961-1966), Professor of Education, Emeritus; A.B. Moorhead State College, 1928; M.A., University of Kentucky, 1942; Ed.D., University of Virginia, 1955.
- M. C. Rhodes, B.S., M.A., Ph.D., Sc.D. (1937-1968), Professor of Mathematics, Emeritus; B.S., Mississippi Southern College, 1923; M.A., George Peabody College for Teachers, 1927; Ph.D., *ibid.*, 1930; Sc.D., University of Tampa, 1954.
- David L. Zielonka, B.H., A.B., Rabbi, L.H.D., D.D. (1931-1970), Professor of Religion; B.H., Hebrew Union College, 1925; A.B., University of Cincinnati, 1926; Rabbi, Hebrew Union College, 1929; L.H.D., University of Tampa, 1946; D.D., Hebrew Union College, 1959.
- C. J. Ho, A.B., M.A., Ph.D. (1950-1971), Professor of Psychology, Emeritus; A.B., Antioch College, 1924; M.A., Columbia University, 1925; Ph.D., *ibid.*, 1927.
- Robert E. Wean, B.S., Ph.D. (1956-1971), Professor of Biology, Emeritus; B.S., Purdue University, 1929; Ph.D., University of Pennsylvania, 1936.
- Miles C. Hartley, A.B., A.M., B.S., Ph.D., B.Mus. (1962-1972), Professor of Mathematics, Emeritus; A.B., University of Illinois, 1923; A.M., *ibid.*, 1924; B.S., *ibid.*, 1926; Ph.D., *ibid.*, 1932; B.Mus., *ibid.*, 1939.

## Athletic Department

- August J. Dielens, Jr., Athletic Director, 1971, United States Military Academy.
- Dennis T. Fryzel, Head Football Coach, B.S., 1972, Denison University.
- William L. Cox, Assistant Football Coach, B.S., 1972, Florida State University.
- John Behling, Assistant Football Coach, B.S., M.S., 1972, Otterbein.
- Randal J. Hart, Assistant Football Coach, B.S., M.S., 1972, Ohio State University.
- Thomas A. Backhus, Assistant Football Coach, B.S., 1972, Ohio State University.
- Charles Lyle, Assistant Football Coach, B.S., 1970, University of Tampa.
- Gene King, Assistant Football Coach, B.S., 1968, University of Tampa.
- Alvin B. Logan, Assistant Football Coach, B.S., 1972, Florida A. & M. University.
- Guy Summanen, Assistant Football Coach, B.S., 1972, Ohio State University.
- Rick Bankston, Assistant Football Coach, 1972, University of Tampa.
- John Lopez, Head Trainer, B.S., 1971, University of Tampa.
- Bruce Crim, Assistant Trainer, B.S., 1972, University of Tampa.
- Joe Wiendl, Head Baseball, Wrestling and Soccer Coach, B.S., 1972, Wilkes College.
- George Hall, Head Golf Coach, B.S., 1972, Cornell University.
- George Pruett, Head Tennis Coach, 1972.
- Arthur Trubiano, Head Crew Coach, 1965, University of Tampa.



Vickie Johndrow, Head Water Skiing Instructor, 1971.  
 Jerry Livingston, Ticket Manager, 1972.  
 Bill Bradley, Promotions Manager, 1972, United States Military Academy.  
 J. Mark Carlson, Sports Information Director, B.S., 1972, St. Leo College.

## Recipients of Honorary Degrees

1936 Mr. Frederic H. Spaulding	Doctor of Education
1940 Dr. John H. Sherman	Doctor of Humanities
1940 Mr. Klein Harrison Graham	Doctor of Laws
1941 Mr. Arthur Holly Compton	Doctor of Humane Letters
1941 Mr. George William Gerwig	Doctor of Humane Letters
1941 Rear Admiral Richard E. Byrd	Doctor of Science in Exploration
1942 Mr. Rex Beach	Doctor of Letters
1942 Dr. John Oliver Lagorce	Doctor of Science
1942 Mrs. Marjorie Kinan Rawlings	Doctor of Literature
1942 Captain Edward Vernon Rickenbacker	Doctor of Science
1943 Mr. Matthew W. Stirling	Doctor of Science
1943 Rear Admiral Charles E. Rosendahl	Doctor of Humanities
1946 Rabbi Norman Gerstenfeld	Doctor of Humanities
1947 Rabbi David L. Zielonka	Doctor of Humanities
1948 Dr. Guy G. Becknell	Doctor of Science
1948 Dr. Hamilton Holt	Doctor of Humanities
1948 Mr. Tyrone Power	Doctor of Humanities
1948 Dr. Wortley Rudd	Doctor of Humanities
1949 Dr. Dale Carnegie	Doctor of Letters
1949 Mr. Clarence Hall	Doctor of Laws
1949 Mr. Nash Higgins	Doctor of Humanities
1949 Dr. Linus Pauling	Doctor of Humanities
1949 Dr. Harry G. Thomas	Doctor of Laws
1949 Mr. Lowell Thomas	Doctor of Humanities
1950 Cardinal Manuel Arteaga y Betancourt	Doctor of Laws
1950 Honorable Charles E. Bennett	Doctor of Humanities
1950 Dr. Albert Herman Case	Doctor of Laws
1950 Mr. Joseph T. Lykes	Doctor of Humanities
1951 Dr. Doake S. Campbell	Doctor of Humanities
1951 Dr. J. Hillis Miller	Doctor of Science
1951 Rabbi Abba Hillel Silver	Doctor of Humanities
1952 Dr. Frederick Brown Harris	Doctor of Letters
1952 Honorable Doyle E. Carlton	Doctor of Science
1953 Dr. Jean Alexis Teslof	Doctor of Letters
1953 The Very Reverend Calestin J. Steiner	Doctor of Humanities
1953 Dr. Benjamin Fine	Doctor of Science
1954 Dr. Ralph Washington Sockman	Doctor of Humanities
1954 Mrs. Dorothy Deemer Houghton	Doctor of Science in Government
1954 Dr. M. C. Rhodes	Doctor of Science
1954 Mr. James Walter Whitehead	Doctor of Humanities



1955 Mr. Vivian Gaither	Doctor of Education
1955 Rabbi Julius Mark	Doctor of Humanities
1955 General A. R. Bolling	Doctor of Science
1956 Honorable Spessard Lindsey Holland	Doctor of Humanities
1957 Dr. David Barnard Steinman	Doctor of Laws
1957 Mr. Louis Alvarez Nava y Vega	Doctor of Humanities
1958 Mr. Charles Walter Campbell	Doctor of Humane Letters
1958 Dr. John Stuart Allen	Doctor of Science
1959 Mr. Matthew J. Culligan	Doctor of Laws
1959 Dr. Albert Clarence Van Dusen	Doctor of Letters
1960 Dr. Dwayne Orton	Doctor of Letters
1960 Mr. David E. Smiley	Doctor of Humanities
1961 Mr. Joseph Patrick McMurray	Doctor of Literature
1961 Dr. George Truman Hunter	Doctor of Science
1962 Mr. Edgar Joseph Forio	Doctor of Laws
1962 Mrs. Alma Timolat Stanley	Doctor of Humane Letters
1962 Maestro Alfredo Antonini	Doctor of Humane Letters
1963 Mr. Fred Conn	Doctor of Humane Letters
1963 Mrs. Thomas Joseph Deegan	Doctor of Laws
1963 Mr. Heinrich Rohde	Doctor of Humane Letters
1964 General Paul D. Adams	Doctor of Science
1964 Dr. Carey Croneis	Doctor of Humane Letters
1964 Mr. George Washington Jenkins	Doctor of Laws
1965 Mr. Walter Reichner Faries	Doctor of Humane Letters
1965 Mr. James Reliance MacDonald	Doctor of Science
1965 Mr. Howard Pettingill MacFarlane	Doctor of Laws
1965 Mr. Paul H. Smith, Sr.	Doctor of Humane Letters
1966 Mr. Colon Brown	Doctor of Laws
1966 Mr. Victor H. Northcutt	Doctor of Laws
1966 Honorable Nick Nuccio	Doctor of Humane Letters
1966 Mr. Spyros P. Skouras	Doctor of Humane Letters
1966 Mr. Jerome A. Waterman	Doctor of Humane Letters
1966 Mr. Morris E. White	Doctor of Laws
1967 Miss Blanche Yurka	Doctor of Humane Letters
1967 Mr. M. Stanley Niehaus, Sr.	Doctor of Laws
1967 Mr. William M. Duke	Doctor of Science
1968 Mr. Harold L. Sebring	Doctor of Humane Letters
1968 Mr. Charles M. Stevenson	Doctor of Laws
1968 Mr. Bob R. Dorsey	Doctor of Science
1969 Mr. George A. Strichman	Doctor of Science
1969 Dr. Frederick T. Lenfesty	Doctor of Laws
1969 Dr. Richard T. Dillon	Doctor of Humane Letters
1969 Mr. Jack M. Eckerd	Doctor of Laws
1969 Mr. Lawrence E. Spivak	Doctor of Humane Letters
1969 Ambassador George C. McGhee	Doctor of Science
1969 Dr. Henry King Stanford	Doctor of Humane Letters
1970 Leslie Harry Warner	Doctor of Laws
1970 Dr. Charles Doren Tharp	Doctor of Humane Letters
1972 Dr. William Travers Jerome, III	Doctor of Humane Letters
1972 Dr. Elvis J. Stahr	Doctor of Laws



## Recipients of The University of Tampa Medal

Year Name	For Achievement In
1949 Homer M. Pace	Science
1949 Shirley Temple	Drama
1949 Lyman Wiltse	Music
1950 Alberto Lleras y Camargo	Pan-Americanism
1950 C. Herbert Laub	History
1950 Rev. Walter B. Passiglia	Religion and Humanities
1950 Clyde T. Reed	Science
1950 Sevilla Sacasa, Ambassador of Nicaragua	Statesmanship
1951 Ramon Fina	Pan-Americanism
1951 Armando Mariobona	Pan-Americanism
1951 Sherman K. Smith	Science
1951 Hon. Francis P. Whitehair	Statesmanship
1952 Everett R. Clinchy	Inter-Group Education
1952 Jane Fisher	Citizenship
1952 George Truman Hunter	Science
1952 Rev. Malik	Humanities
1952 Sr. Fredrico Morales	Pan-Americanism
1953 Daniel V. McEachern	Humanities
1953 Norberto Salinas De Aguilar	Pan-Americanism
1954 Solomon Joseph Fleischman	Excellence in Sports Reporting
1954 Charles F. Blake	Education and Civics
1954 Al Lopez	Field of Sports (Baseball)
1954 Mildred "Babe" Zaharias	Field of Sports (Golf)
1955 Marvin Holloway	Public Safety
1955 Octavia Goodbar	Humanities
1955 Ernest Berger	Excellence in Civics
1956 Hon. Curtis Hixon	Service in Civil Government
1956 Rev. Paul J. Wagner	Civics and Religion
1956 Ernest C. Segundo	Campus Leadership
1956 Reuben D. Webb	Excellence in Field of Education
1956 Lt. General Leon Johnson	Patriotism and Valor
1956 Jesse L. Keene	Distinguished Service to Fellowman
1957 D. B. McKay	History
1957 Dewitt McClellan Lockman (In Absentia)	Excellence in Art
1957 Rev. Robert Edward Lee	Religion
1960 George Wilkins Harvey	Distinguished Service to the Community
1961 Jerome A. Waterman	Distinguished Service to the Community
1962 Colby Cooler Armstrong	Distinguished Service to the Community
1963 Rudy Rodriguez	Distinguished Service to the Community
1964 Mrs. David A. Falk	Distinguished Service to the Community
1964 Frank E. Mandel	Distinguished Service to the Community
1965 Fischer Sheffey Black	Distinguished Service to the Community and to the University of Tampa
1966 Ellsworth George Simmons	Distinguished Service to the Community and to the University of Tampa
1967 General Paul D. Adams	Distinguished Service to the Community and to the University of Tampa
1968 Dr. David M. Delo	Distinguished Service to the Community and to the University of Tampa



1969 Eugene B. Dodson

Distinguished Service to the Community  
and to the University of Tampa

1970 Rabbi David L. Zielonka

Distinguished Service to the Community  
and to the University of Tampa

1971 Mrs. David M. Delo

Distinguished Service to the Community  
and to the University of Tampa

1971 Dr. Frank G. Dickey

Distinguished Service to the Community  
and Dedication to Leadership  
of American Youth

**Recipient of The University of Tampa Award  
For Distinguished Public Service**

1970 Edna Pearce Lockett

1971 Dr. Frank G. Dickey

1972 Vernon R. Alden

1972 James L. Ferman, Sr.

1972 Mayor Dick A. Greco, Jr.

1972 H. Grady Lester, Jr.



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Our name The Muezzin originated in the religion of Islam founded by the prophet Mohammed in the early centuries after Christ and practiced primarily in middle eastern countries. The muezzin is the official who proclaims the azan (call to worship) to which the Muslims respond with set phrases. The summoning is performed by the voice of the muezzin as he stands at the door or at the side of a small mosque (temple) or in the minaret of a large one. Today the muezzin still sounds the call to worship, but in some modernized mosques his voice is placed upon electronic recordings which are amplified to echo the azan throughout the countryside. The University of Tampa Muezzin publication performs a similar function in that it broadcasts the call for higher education among its readers. The name was inspired by Plant Hall's 13 Moorish style minarets, gleaming above trees and buildings as a landmark of learning in the heart of the city of Tampa.



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