USF BULLETIN
University of South Florida
1975-76 • Accent on Learning

August 1975
Programs, activities, and facilities of the University of South Florida are available to all on a non-discriminatory basis, without regard to race, color, creed, religion, sex, age, or national origin. The University is an affirmative action Equal Opportunity Employer.

The announcements, information, policies, rules, regulations, and procedures set forth in this Bulletin are for information only and are subject to continual review and change without notice.

The USF Catalog is published in two parts: Part I contains general University information including admission standards and procedures, financial information, academic regulations, and general information on academic programs offered. Part II contains detailed academic program requirements and course descriptions. Copies of Part II are distributed to all new students at their first registration and are also available at advising offices in Florida high schools and community colleges.
Visiting the University

Prospective students and other interested persons are invited to visit the University whenever possible. Most University offices receive visitors from 8:00 a.m. to 5:00 p.m. Monday through Friday.

Tour guides for visitors to the Tampa Campus may be arranged by calling 813: 974-2635 or by writing University Center, USF, Tampa, Fl. 33620.

Communicating With the University

Communications regarding the services and programs listed below should be directed by letter or by phone to the appropriate office on the Tampa, St. Petersburg, Fort Myers, or Sarasota campuses. Mailing addresses for the campuses are given at the bottom of the page. St. Petersburg offices may be reached by dialing 813: 898-7411 and asking for the desired office; Fort Myers Campus offices by dialing 813: 334-3780; Sarasota Campus by dialing 813: 959-5177; Tampa campus offices by dialing 813: 974- and the extension included below:

<table>
<thead>
<tr>
<th>Academic Advising (for freshmen)</th>
<th>Division of University Studies</th>
<th>FAO 126 2645</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Advising (for upperclassmen and graduate students)</td>
<td>Office of the Dean of the appropriate college</td>
<td></td>
</tr>
<tr>
<td>Admission (and applications)</td>
<td>Office of Admissions ADM 180 2987</td>
<td></td>
</tr>
<tr>
<td>Athletics (Intercollegiate)</td>
<td>Athletic Director PED 214 2125</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Independent Studies Program</td>
<td>External Degree Program FAO 105 2403</td>
<td></td>
</tr>
<tr>
<td>Career Planning and Placement</td>
<td>Division of Cooperative Education &amp; Placement AOC 105 2171</td>
<td></td>
</tr>
<tr>
<td>College Level Examination Program (CLEP tests)</td>
<td>Office of Testing and Advanced Placement FAO 201 2741</td>
<td></td>
</tr>
<tr>
<td>Community College Relations (for transfer students)</td>
<td>Office of Community College Relations FAO 149 2506</td>
<td></td>
</tr>
<tr>
<td>Continuing Education Courses and Conferences</td>
<td>Center for Continuing Education FAO 101 2403</td>
<td></td>
</tr>
<tr>
<td>Cooperative Education Program</td>
<td>Division of Cooperative Education &amp; Placement AOC 105 2171</td>
<td></td>
</tr>
<tr>
<td>Equal Opportunity Program</td>
<td>Office of the Equal Opportunity Coordinator ADM 253 2607</td>
<td></td>
</tr>
<tr>
<td>Financial Assistance (scholarships, loans, and student employment)</td>
<td>Office of Financial Aids ADM 172 2621</td>
<td></td>
</tr>
<tr>
<td>Food Services</td>
<td>Office of Housing and Food Services RAR 229 2761</td>
<td></td>
</tr>
<tr>
<td>Graduate Studies</td>
<td>Division of Graduate Studies ADM 229 2846</td>
<td></td>
</tr>
<tr>
<td>Handicapped Student Program and Facilities</td>
<td>Office of Student Affairs ADM 153 2151</td>
<td></td>
</tr>
<tr>
<td>Health Services (Student)</td>
<td>Health Center CTR 411 2331</td>
<td></td>
</tr>
<tr>
<td>High School Relations</td>
<td>Office of High School Relations FAO 126 2076</td>
<td></td>
</tr>
<tr>
<td>Housing (on campus)</td>
<td>Office of Housing and Food Service RAR 229 2761</td>
<td></td>
</tr>
</tbody>
</table>

University of South Florida
Tampa Campus
4202 Fowler Avenue
Tampa, Florida 33620
Telephone: (813) 974-2011

University of South Florida
Fort Myers Campus
2266 Second Street
Fort Myers, Florida 33901
Telephone: (813) 334-3780

University of South Florida
Sarasota Campus
5700 N. Tamiami Trail
Sarasota, Florida 33580
Telephone: (813) 355-2986

60M-1550
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Calendar</td>
<td>4</td>
</tr>
<tr>
<td>A Digest of News</td>
<td>6</td>
</tr>
<tr>
<td>USF—The Metropolitan University</td>
<td>8</td>
</tr>
<tr>
<td>A Break with Tradition</td>
<td>8</td>
</tr>
<tr>
<td>Regional Campuses ... Part of the Modern Metropolitan Environment</td>
<td>9</td>
</tr>
<tr>
<td>Achieving the University's Mission</td>
<td>9</td>
</tr>
<tr>
<td>Facilities and Atmosphere on Campus</td>
<td>11</td>
</tr>
<tr>
<td>Organized for Effectiveness</td>
<td>11</td>
</tr>
<tr>
<td>Historic Goals of the University</td>
<td>11</td>
</tr>
<tr>
<td>A Look to the Future</td>
<td>12</td>
</tr>
<tr>
<td>Equal Educational Opportunities</td>
<td>12</td>
</tr>
<tr>
<td>Admissions and Related Matters</td>
<td>13</td>
</tr>
<tr>
<td>Applying for Admission</td>
<td>13</td>
</tr>
<tr>
<td>Requirements for Admission</td>
<td>13</td>
</tr>
<tr>
<td>Academic Advising</td>
<td>15</td>
</tr>
<tr>
<td>Course Registration</td>
<td>16</td>
</tr>
<tr>
<td>Community College Relations</td>
<td>16</td>
</tr>
<tr>
<td>Testing and Advanced Placement</td>
<td>16</td>
</tr>
<tr>
<td>Continuing Education</td>
<td>16</td>
</tr>
<tr>
<td>Mature Student Admission</td>
<td>17</td>
</tr>
<tr>
<td>Financial Information</td>
<td>18</td>
</tr>
<tr>
<td>Resident Status, Florida and Non-Florida</td>
<td>18</td>
</tr>
<tr>
<td>Fees</td>
<td>18</td>
</tr>
<tr>
<td>Financial Aids</td>
<td>20</td>
</tr>
<tr>
<td>Vehicle Regulations and Fees</td>
<td>20</td>
</tr>
<tr>
<td>Special Services</td>
<td>21</td>
</tr>
<tr>
<td>Bookstores</td>
<td>21</td>
</tr>
<tr>
<td>Student Services and Student Affairs</td>
<td>22</td>
</tr>
<tr>
<td>Student Affairs and University Development</td>
<td>22</td>
</tr>
<tr>
<td>Standards and Discipline</td>
<td>22</td>
</tr>
<tr>
<td>Student Government</td>
<td>22</td>
</tr>
<tr>
<td>Grievance Procedure</td>
<td>22</td>
</tr>
<tr>
<td>Student Health Service</td>
<td>22</td>
</tr>
<tr>
<td>Counseling Center for Human Development</td>
<td>23</td>
</tr>
<tr>
<td>Cooperative Education and Placement</td>
<td>23</td>
</tr>
<tr>
<td>Housing</td>
<td>23</td>
</tr>
<tr>
<td>University Center</td>
<td>24</td>
</tr>
<tr>
<td>Clubs and Organizations</td>
<td>24</td>
</tr>
<tr>
<td>Recreational Sports</td>
<td>26</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>26</td>
</tr>
<tr>
<td>Student Publications</td>
<td>26</td>
</tr>
<tr>
<td>Development and Alumni</td>
<td>26</td>
</tr>
<tr>
<td>Division of University Studies</td>
<td>27</td>
</tr>
<tr>
<td>Veterans Affairs</td>
<td>27</td>
</tr>
<tr>
<td>Academic Policies and Procedures, Programs, and Services</td>
<td>28</td>
</tr>
<tr>
<td>General Academic Regulations and Information</td>
<td>28</td>
</tr>
<tr>
<td>Grades, Scholarship Requirements, and Review Procedures</td>
<td>29</td>
</tr>
<tr>
<td>Graduation Requirements</td>
<td>32</td>
</tr>
<tr>
<td>Baccalaureate Degree</td>
<td>32</td>
</tr>
<tr>
<td>Certification Requirements ... Associate of Arts</td>
<td>34</td>
</tr>
<tr>
<td>Limited Access Student Records</td>
<td>34</td>
</tr>
<tr>
<td>Release of Student Information</td>
<td>34</td>
</tr>
<tr>
<td>Special Academic Programs</td>
<td>35</td>
</tr>
<tr>
<td>Exchange Programs</td>
<td>38</td>
</tr>
<tr>
<td>Academic Support and Services</td>
<td>38</td>
</tr>
<tr>
<td>Division of Graduate Studies</td>
<td>41</td>
</tr>
<tr>
<td>Admission to Graduate Study</td>
<td>41</td>
</tr>
<tr>
<td>Fields of Graduate Study</td>
<td>43</td>
</tr>
<tr>
<td>College of Arts &amp; Letters</td>
<td>44</td>
</tr>
<tr>
<td>Baccalaureate Level Degree Programs</td>
<td>44</td>
</tr>
<tr>
<td>Graduate Level Degree Programs</td>
<td>45</td>
</tr>
<tr>
<td>Non-Degree Programs</td>
<td>46</td>
</tr>
<tr>
<td>College of Business Administration</td>
<td>47</td>
</tr>
<tr>
<td>College of Education</td>
<td>50</td>
</tr>
<tr>
<td>Baccalaureate Level Degree Programs</td>
<td>50</td>
</tr>
<tr>
<td>Elementary Education Certification Programs</td>
<td>52</td>
</tr>
<tr>
<td>Kindergarten through Twelfth Grade Certification Programs</td>
<td>53</td>
</tr>
<tr>
<td>Secondary Education Certification Programs</td>
<td>54</td>
</tr>
<tr>
<td>Vocational and Adult Education Certification Programs</td>
<td>55</td>
</tr>
<tr>
<td>Graduate Level Degree Programs</td>
<td>55</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>59</td>
</tr>
<tr>
<td>Professional Engineering</td>
<td>59</td>
</tr>
<tr>
<td>Applied Science and Technology</td>
<td>64</td>
</tr>
<tr>
<td>College of Fine Arts</td>
<td>67</td>
</tr>
<tr>
<td>Baccalaureate Level Degree Programs</td>
<td>67</td>
</tr>
<tr>
<td>Master's Level Degree Programs</td>
<td>69</td>
</tr>
<tr>
<td>Programs and Curricula</td>
<td>70</td>
</tr>
<tr>
<td>College of Medicine</td>
<td>74</td>
</tr>
<tr>
<td>College of Natural Sciences</td>
<td>75</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>78</td>
</tr>
<tr>
<td>College of Social &amp; Behavioral Sciences</td>
<td>80</td>
</tr>
<tr>
<td>Baccalaureate Level Degree Programs</td>
<td>80</td>
</tr>
<tr>
<td>Graduate Level Degree Programs</td>
<td>80</td>
</tr>
<tr>
<td>Special Non-Degree Programs</td>
<td>81</td>
</tr>
<tr>
<td>Degree Programs</td>
<td>81</td>
</tr>
<tr>
<td>St. Petersburg Campus</td>
<td>86</td>
</tr>
<tr>
<td>Organization and Personnel</td>
<td>88</td>
</tr>
<tr>
<td>Course Prefix Abbreviations</td>
<td>91</td>
</tr>
<tr>
<td>Campus Maps</td>
<td>92</td>
</tr>
<tr>
<td>Index</td>
<td>94</td>
</tr>
</tbody>
</table>
# Academic Calendar

## Summer Quarter (IV), 1975

**NOTE:** Dates apply to regular term. See quarterly Schedule of Classes for appropriate sessions.

*May 29, Thursday*  
Last day to apply for admission  
June 19, 20, Thurs., Fri.  
Registration by appointment (tentative)  
June 23, Monday  
Classes begin  
June 27, Friday  
Last day to withdraw or drop and receive full refund of registration fees  
June 27, Friday  
Last day to add courses  

**July**  
Independence Day Holiday

*July 4, Friday*  
Last day to register for Continuing Education courses

*July 7, Monday*  
Last day for Continuing Education course refund

*July 11, Friday*  
Last day to apply for degree to be earned at the end of Quarter IV, 1975

*August 1, Friday*  
Last day to drop courses without penalty.

*August 1, Friday*  
Last day to withdraw without penalty

*August 29, Friday*  
End of Summer Quarter (IV)

## Fall Quarter (I), 1975

*August 22, Friday*  
Last day to apply for admission  
September 17, 18, 19  
*Wed., Thurs., Fri.*  
Registration by appointment (tentative)  
September 22, Monday  
Classes Begin  
September 26, Friday  
Last day to withdraw or drop and receive full refund of registration fees  
September 26, Friday  
Last day to add courses

**October**  
Last day for Continuing Education courses

*October 3, Friday*  
Last day for Continuing Education course refund

*October 10, Friday*  
Last day to apply for degree to be earned at the end of Quarter I, 1975

*October 31, Friday*  
Last day to drop courses without penalty

*November 11, Tuesday*  
Veterans Day Holiday

*November 27-28  
*Thurs., Fri.*  
Thanksgiving Holiday

*December 10, Wednesday*  
End of Fall Quarter (I)

## Winter Quarter (II), 1976

*December 5, Friday*  
Last day to apply for admission  
January 2, Friday  
Registration by appointment (tentative)  
January 9, Friday  
Classes Begin  
January 9, Friday  
Last day to withdraw or drop and receive full refund of registration fees  

**January**  
Last day to add courses

*January 9, Friday*  
Last day to apply for degree to be earned at the end of Quarter II, 1976

*March 17, Wednesday*  
End of Winter Quarter (II)

*Earlier deadlines may be required by some graduate programs and the College of Nursing. See appropriate sections for further information.*
Spring Quarter (III), 1976

NOTE: Dates apply to regular term. See quarterly Schedule of Classes for appropriate sessions.

*Earlier dates may be required by the graduate programs.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 27, Friday</td>
<td>Last day to apply for admission</td>
</tr>
<tr>
<td>March 25-26, Thurs., Fri.</td>
<td>Registration by appointment (tentative)</td>
</tr>
<tr>
<td>March 29, Monday</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>April 2, Friday</td>
<td>Last day to withdraw or drop and receive full refund of registration fees</td>
</tr>
<tr>
<td>April 2, Friday</td>
<td>Last day to add courses</td>
</tr>
<tr>
<td>April 2, Friday</td>
<td>Last day for late registration (see late registration fee). Also last day to register as a Special Student</td>
</tr>
<tr>
<td>April 9, Friday</td>
<td>Last day to register for Continuing Education courses</td>
</tr>
<tr>
<td>April 9, Friday</td>
<td>Last day for Continuing Education course refund</td>
</tr>
<tr>
<td>April 16, Friday</td>
<td>Last day to apply for degree to be earned at the end of Quarter III, 1976</td>
</tr>
<tr>
<td>May 7, Friday</td>
<td>Last day to drop courses without penalty</td>
</tr>
<tr>
<td>May 7, Friday</td>
<td>Last day to withdraw without penalty</td>
</tr>
<tr>
<td>May 31, Monday</td>
<td>Memorial Day Holiday</td>
</tr>
<tr>
<td>June 9, Wednesday</td>
<td>End of Spring Quarter (III)</td>
</tr>
<tr>
<td>June 13, Sunday</td>
<td>Commencement Convocation</td>
</tr>
</tbody>
</table>

Summer Quarter (IV), 1976

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 21, Friday</td>
<td>Last day to apply for admission</td>
</tr>
<tr>
<td>June 17-18, Thurs., Fri.</td>
<td>Registration by appointment (tentative)</td>
</tr>
<tr>
<td>June 21, Monday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>June 25, Friday</td>
<td>Last day to withdraw or drop and receive full refund of registration fees</td>
</tr>
<tr>
<td>June 25, Friday</td>
<td>Last day to add courses</td>
</tr>
<tr>
<td>June 25, Friday</td>
<td>Last day for late registration (see late registration fee). Also last day to register as a Special Student</td>
</tr>
<tr>
<td>July 2, Friday</td>
<td>Last day to register for Continuing Education courses</td>
</tr>
<tr>
<td>July 2, Friday</td>
<td>Last day for Continuing Education course refund</td>
</tr>
<tr>
<td>July 5, Monday</td>
<td>Independence Day Holiday</td>
</tr>
<tr>
<td>July 9, Friday</td>
<td>Last day to apply for degree to be earned at the end of Quarter IV, 1976</td>
</tr>
<tr>
<td>July 30, Friday</td>
<td>Last day to drop courses without penalty</td>
</tr>
<tr>
<td>July 30, Friday</td>
<td>Last day to withdraw without penalty</td>
</tr>
<tr>
<td>August 27, Friday</td>
<td>End of Summer Quarter (IV)</td>
</tr>
</tbody>
</table>

COLLEGE OF MEDICINE

ACADEMIC CALENDAR, 1975-76

First Period, 1975

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2-3, Wednesday-Thursday</td>
<td>Registration</td>
</tr>
<tr>
<td>July 4-7, Friday-Monday</td>
<td>*Independence Day Holidays</td>
</tr>
<tr>
<td>July 8-11, Tuesday-Friday</td>
<td>Clinical Orientation</td>
</tr>
<tr>
<td>July 14, Monday</td>
<td>Classes Begin, First Period</td>
</tr>
<tr>
<td>September 1, Monday</td>
<td>*Labor Day Holiday</td>
</tr>
<tr>
<td>November 11, Tuesday</td>
<td>*Veterans Day Holiday</td>
</tr>
<tr>
<td>November 27-28, Thursday-Friday</td>
<td>*Thanksgiving Holiday</td>
</tr>
<tr>
<td>December 12, Friday</td>
<td>End of First Period</td>
</tr>
</tbody>
</table>

Second Period, 1976

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 5, Monday</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>May 14, Friday</td>
<td>End of Second Period</td>
</tr>
</tbody>
</table>

Third Period, 1976

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 24, Monday</td>
<td>Classes Begin</td>
</tr>
<tr>
<td>May 31, Monday</td>
<td>*Memorial Day Holiday</td>
</tr>
<tr>
<td>July 5, Monday</td>
<td>*Independence Day Holiday</td>
</tr>
<tr>
<td>September 6, Monday</td>
<td>*Labor Day Holiday</td>
</tr>
<tr>
<td>September 17, Friday</td>
<td>End of Third Period</td>
</tr>
</tbody>
</table>

*The Labor Day, Veterans Day, Thanksgiving, Memorial Day, and Independence Day holidays may be waived for students serving in clinical clerkships, at the discretion of the individual chiefs of service.
A Digest of News of the University of South Florida

E. T. York (second from left) crossing the Tampa Campus with (from left): USF professors Jesse Binford and Coleen Story and President Cecil Mackey. Dr. York visited USF and other universities in the Florida system prior to taking over as Chancellor on July 1, 1975.

GRANTS REACH ALL-TIME HIGH

An all-time high of more than $5.9 million in new grants and contracts for research came into the University of South Florida during the 1973-74 fiscal year, up $700,000 compared with the previous year. Altogether, 263 projects were funded, ranging from health care and the environment to small business assistance and TV and radio programming.

From its beginning, USF faculty and staff have been active in the search for new knowledge and actively concerned about the world in which they live.

Since 1960, they have attracted over 1,200 grants, totaling more than $38 million, and have generated over 10,000 separate scholarly and creative contributions to human knowledge and understanding.

Task Force Seeks Definition of USF’s Mission and Goals

Formal decisions about USF’s future mission and goals are not expected until late 1975, but some thoughts on the subject are beginning to emerge from the public sector. Here are excerpts from a preliminary “report” by Stan Witwer, assistant to the editor, in the St. Petersburg Times:

“What is the appropriate role of the USF in the 12-county, Central Florida area whose people it serves?”

That is the broad question to which a 20-member Task Force on USF Mission and Goals is seeking an answer. It is one of several questions asked of readers of the St. Petersburg Times in an editorial page coupon poll. Our poll and those of other area newspapers are part of the Task Force’s opinion-gathering process.

Thus far, responses have been received from 119 Times readers. Fifty-three of them think USF should be “a comprehensive regional university, offering a wide array of undergraduate programs, research activities and public service functions for the people of its area.”

In contrast, only 25 thought the school should provide programs to serve the entire state; 18 voted for a “selective university limiting programs and services”; 10 favored an “urban university devoted to working with the problems of urban environment” and 23 had “other” ideas, such as emphasis on cooperative education, expanded medical and nursing programs and professional education with a College of Law added to the present medical and nursing schools.

The “comprehensive regional university” concept coincides with USF’s present long-range planning which includes development of its North Tampa campus to a maximum enrollment of 25,000 students, with regional campuses at Fort Myers, Sarasota, St. Petersburg and Clearwater, each to have, eventually, 7,500 students.

The Times’ poll indicates that a demand for USF programs and services is likely to increase over the next 10 years, particularly for offerings in off-campus locations, such as the proposed regional centers . . .
Council of Advisors Created to Reflect Public Needs

A University of South Florida Council of Advisors (USF-CA) has been created "to provide advice and assistance on significant issues affecting the University and public higher education in the State."

President Cecil Mackey said the USF-CA, which will have counterparts at each of the other eight state universities, will have opportunities to become familiar "with USF programs—their strengths and weaknesses, as well as their problems and potentials."

He said the "council should provide a way to reflect the public higher educational needs of the community and the State not now being met by existing programs."

The USF-CA is headed by Tampa attorney Reese Smith and is composed of community leaders from Tampa to Fort Myers.

Along with its local involvement, President Mackey said the USF-CA would be asked "to advise the chancellor and Board of Regents on system-wide problems, issues and concerns—all of which will have impacts on the individual universities."

Chancellor-Designate E. T. York, who attended the first meeting of the USF-CA, said the advisory councils could make a "valuable contribution" to public higher education statewide.

"In time," he said, "the members of these councils could be in a position to help represent the higher education needs of the people to the universities as well as help to reflect the interest and needs of the State University System to the Legislature and others involved in making decisions relative to higher education.

"While each council will be primarily concerned with matters relating to a given university, many of the issues or problems of each university are common to all universities in the system. Consequently we would hope that the nine university councils might, collectively, relate to the entire system on matters affecting all institutions," Dr. York added.

Urban 'Programs of Distinction'

Programs in urban water resources and urban anthropology at the University of South Florida were among 23 approved by the Board of Regents in early 1975 to be developed as programs of distinction in the State University System.

Five of the 23, including USF's program in urban community psychology and gerontology, already are in operation.

Urban water resources is scheduled to begin at USF in 1976-77 and urban anthropology in 1977-78. They are among 14 to be phased in over the state system between 1976 and 1980.

The programs of distinction were developed in response to the General Appropriations Act passed by the 1974 Florida Legislature. They are intended to support "graduate and professional programs, as well as specialized undergraduate programs" at "locations among the state universities where the programs will have the greatest likelihood of gaining distinction."

NEWS BRIEFS

Brahman cagers finished their 25-game schedule with 15 wins to more than surpass the goal set by Coach Bill Gibson in his first year at USF—"a winning season."

The first M.D. degrees presented on Florida's west coast were awarded to graduates of the charter class of USF's new College of Medicine in December, 1974. All of the charter graduates were Florida residents, three of them women.

Mature students—those over the age of 24—began to show a dramatic increase last year at the University of South Florida when the number of mature students totaled 7,022. This was 33 percent more than the previous year.

A self-employed St. Petersburg businesswoman who took her first University of South Florida course in the fall of 1974 became the 100,000th regularly enrolled student at USF. She is Grace B. Worley, mother of six children who runs a bookkeeping and tax service at her home.

The Hillsborough County Commission has formally requested the Florida Board of Regents to approve construction of a $1 million County Museum on the Tampa Campus of the University of South Florida.

Carl Westburg, a vocational teacher with the Pinellas County Board of Public Instruction, was graduated from the Bachelor of Independent Studies (BIS) after completing his degree requirements in a record two years and four months. Westburg, 60, became the sixth graduate of the non-traditional BIS Program.
USF — THE METROPOLITAN UNIVERSITY . . .
A BREAK WITH TRADITION

The University of South Florida broke with tradition when it was founded almost two decades ago. USF was not located in a small, quiet town; USF was placed in one of Florida’s—and the nation’s—most dynamic metropolitan areas and assigned responsibility for providing higher educational services to people of all ages within its 12 county service area. USF was the first State university in Florida located purposely within convenient commuting distance of a large segment of the State’s growing population. The University of South Florida broke with tradition because it came to the people. USF—the metropolitan university . . . an idea whose time had come.

USF AND YOU?

USF calls itself “Your University.” And it is. In a real sense, you are the “U” in USF because the University was founded and located to meet your higher educational needs. How it seeks to do that—the activities, services and programs if offers—are briefly described in this publication. But, for you to feel that USF is your university, you must experience for yourself what it has to offer . . . what it is that makes it such a special place to so many people.

WHAT IS USF?

The University of South Florida is many things . . . many people and programs . . . a major force in the communities it serves.

USF is primarily people. Within its boundaries, it is a community of more than 25,000 teacher-scholars and students and staff. Its principal purpose is teaching—teaching grounded in research and related to the needs of its students and society.

USF is also places . . . spacious, palm-shaded campuses . . . with libraries containing a measurable portion of human knowledge . . . with laboratories where scientists and students seek and test old and new knowledge . . . with theatres and recreational facilities and residence halls and other facilities that make USF more than just another state university.

And USF is an important social and cultural service force flowing through the communities surrounding and supporting it . . . a major economic force on Florida’s West Coast . . . and an intellectual and information center where people can find practical solutions to perplexing problems and share their experiences with others.

USF is all of this—and more. USF—the metropolitan university . . . an idea whose time has come . . . is a university with people who want to help you embody your own idea of what such an institution should be. After all, USF is what you make it and can be affected by you as much as you are affected by it. The faculty and staff are dedicated to ensuring that the University continues to be flexible enough to permit new ideas of itself to infuse new life into itself. That’s why you are invited to consider USF.

WHEN DID IT ALL BEGIN?

Speaking of new ideas and new life . . . If you have visited the Tampa Campus or viewed the film “This Is USF,” you probably have noticed that all of its buildings appear to be modern and new. Well, they are. But then, so is USF.

The University of South Florida was founded on December 18, 1956, but the first students did not arrive until almost four years later. When USF was opened to a charter class of 1,997 freshmen on September 26, 1960, it became the first major State university in America planned and built entirely in this century. Moreover, as Florida’s first State university located purposely in a major metropolitan center, USF represented the first step in a broad and comprehensive expansion of the State University System.

The State University System, directed by the Florida Board of Regents, and administered by a Chancellor and staff of over 100 in Tallahassee, today consists of nine public universities. Together with 28 public junior and community colleges and a number of vocational-technical centers located throughout the State, these universities comprise public higher education in Florida.

Regional campuses of USF were opened in St. Petersburg in 1965, Fort Myers in 1974, and Sarasota in 1975.

In its brief history, the University of South Florida has had only two presidents. The founder and chief architect of the new university was Dr. John Allen, an astronomer and educator, who

8
served as USF's first president from 1956-1970. (Dr. Harris W. Dorn served as Acting President from July 1970 to February 1971.) Dr. Cecil Mackey, economist and lawyer, became the University's second president on February 1, 1971, and is presently leading the University in its second decade of development.

Now in its nineteenth year of existence, the University has graduated more than 27,000 students—eighty percent of whom reside in Florida—and served almost 200,000 persons in credit and non-credit courses. Enrollment in the fall of 1974 totaled more than 21,000 and projections indicate that USF will enroll more than 30,000 students on perhaps as many as five campuses by the end of this decade. The University's economic impact on the area is equally significant: now exceeding $100 million annually.

Because of its location and the composition of its student body, USF continues to be inextricably a part of and not apart from the modern metropolitan environment—and both affects and is affected by the communities surrounding and supporting it.

**Accreditation**

USF was fully accredited in 1965 by the Southern Association of Colleges and Schools, the official accrediting agency for educational institutions in the South. A self-study of the University's programs and purposes, periodically required for continued accreditation, was recently completed and provides a firm foundation for the future growth of the University. Accreditation was reaffirmed in December, 1973. But the University Community continues to reexamine its mission and goals and to ensure that it never loses sight of its only reason for existence: serving you.

---

**USF: REGIONAL CAMPUSES . . . PART OF THE MODERN METROPOLITAN ENVIRONMENT**

**Accessibility**

University of South Florida campuses form a string of anchor points for a metropolitan area rapidly becoming a megalopolis along the West Coast of Florida. USF campuses are within reach of more than two million people—roughly a quarter of the State's population—in the 12-county area they serve.

The **Tampa Campus** of the University is located on a 1,694-acre tract ten miles northeast of downtown Tampa, a city of over a quarter of a million people. The campus is midway between U.S. 41 and 301 on State Highway 582 (Fowler Avenue), two miles east of I-75.

The **St. Petersburg Campus** is located on Bayboro Harbor in downtown St. Petersburg, a city of more than 235,000 people. The campus serves some 620,000 people living in Pinellas County.

The **Fort Myers Campus** is located at the site of the Gwynne Institute Building in downtown Fort Myers and serves the people of Florida's lower West Coast.

Plans are being finalized for the USF **Sarasota Campus** for upper division and graduate study.

**Mission**

As the State's first metropolitan university, a prototype of the university of the future, the University of South Florida from its beginning has sought to apply the talents of its scholars and students to the peculiar ills besetting modern society. In this way, USF has sought to accomplish the special mission in the

State University System set out for it in the Comprehensive Development Plan (CODE) of the State University System of Florida (1969): The creation and development of instructional, research and public service programs "oriented toward the solution of problems peculiar to the modern urban environment."

**ACHIEVING THE UNIVERSITY'S MISSION: MEASURES OF SUCCESS**

**Students Served**

Since opening its doors in September of 1960, the University of South Florida has been dedicated to accomplishing this special mission in the modern metropolitan environment. One measure of our success is reflected in the composition of our student body:

- More than 90 percent of our students are Floridians and over 80 percent of our graduates reside in the State.
- More than two-thirds of our students commute to class from their homes throughout the Tampa Bay area.
- Over one-third of our student body are part-time students, and 40 percent are employed from one to 40 hours per week.
- More than two-thirds of all USF students are 21 or older and almost one-third of our students are married.
- Almost 80 percent of USF's 27,000 graduates reside in the Greater Tampa Bay Area.
- The majority of upper division students are transfers from other institutions.

**Programs Offered**

A measure of success in accomplishing the University's mission—and one more significant than mere statistics—is the nature of our academic programs. Through them we have sought to serve an increasingly urban State and nation. These programs are in the Academic Affairs division of the University and, for the most part, are administered in one of our nine colleges: Arts & Letters, Business Administration, Education, Engineering, Fine Arts, Medicine, Natural Sciences, Nursing, and Social & Behavioral Sciences.

In this publication are discussed the major academic programs in the University. Through them we serve the people of Florida through the instruction of students, the advancement of knowledge, and community service.

Degrees are offered in over 100 academic areas by the Uni-
Academic Programs of USF Regional Campuses

The academic programs of the regional campuses are designed to serve students of junior, senior and graduate standing, and are offered at times chosen to meet the special needs of these students. Selected courses and programs are offered by the Colleges of Education, Engineering, Natural Science, Social and Behavioral Science, Business Administration and Nursing.

You may enroll on a full time basis on any one of the regional campuses, or elect to enroll on more than one USF campus simultaneously. Dual enrollment on multiple campuses may provide you with a schedule both academically flexible and personally convenient.

Resident faculty members and Student Affairs staff provide social, vocational and academic counseling to students enrolled on any of the regional campuses. Moreover, the resident faculty is supplemented by professors and staff commuting from other USF campuses to provide additional scope to the academic programs and university services.

The St. Petersburg Campus of USF opened in September 1965, and provides an opportunity for USF students who are residents of Pinellas County to complete all or a portion of course work leading to a degree without the necessity of leaving the county.

The Fort Myers Campus of USF opened in the Fall of 1974, and, like the St. Petersburg Campus, is designed to meet the academic needs of local residents.

While offering many of the characteristics of a small college, the regional campuses of USF have access to the resources of a major university and their development is expected to keep pace with the continuing growth of Florida's West Coast.

The St. Petersburg Campus, located at Bayboro Harbor adjacent to downtown St. Petersburg, is within easy walking distance to many of the cultural and recreational facilities of Florida’s “Sunshine City.” However, steps to expand the St. Petersburg Campus have already been taken, and it is anticipated that the downtown campus will be supplemented by an additional campus located in the northern section of Pinellas County.

In addition to providing academic programs from six of the university’s colleges, the St. Petersburg Campus houses a marine science research and training center. The USF Department of Marine Science, with headquarters at the St. Petersburg campus, is an interdisciplinary venture involving faculty members from several departments in addition to ten full time faculty members at the St. Petersburg Campus who are concerned with planning, administration, research and teaching.

Probably no other marine science program has ever been established with such excellent facilities as those provided by the St. Petersburg Campus for teaching, research, and the docking and maintenance of oceanographic vessels. The location of the campus at the center of the edge of the great continental shelf of the Florida Gulf Coast and in the midst of the metropolitan area of the Sun Coast, is another of its unique advantages. It would seem destined to develop into one of the nation’s leading oceanographic centers.

The Fort Myers Campus is located in the historic Gwynne Institute Building in the heart of downtown Fort Myers. While the Gwynne Institute Building is adequate for supporting the present academic programs of USF, it is clearly viewed as an interim facility, and plans are already underway for acquisition of a permanent site which will accommodate the predicted growth of the Fort Myers Campus.

Students interested in attending any of the regional campuses are invited to visit the various campus facilities and discuss their interests with the faculty and staff.
Continuing Education

Board of Regents has designated the University of South Florida to be responsible for all higher education requirements beyond those supplied by the State Community and Junior College System.

Special Programs

A number of special programs offer USF students flexibility and relevance. They include the Off-Campus Term Program, Bachelor of Independent Studies (Adult Degree Program), and Cooperative Education Program. In addition, freshmen students may earn up to one full year of academic credit (45 hours) through the College Level Examination Program tests, high school students may apply for "early admission" or take college courses while still in high school, and any interested person may earn college credit via radio and WUSF-TV's televised course sequence - "Your Open University" (YOU) and local newspapers. Each of these programs is described elsewhere in this publication. You are encouraged to explore their potential for helping you attain your educational goals.

FACILITIES AND ATMOSPHERE ON CAMPUS

The facilities of the University, now including more than 40 major buildings, are currently valued at more than $85 million. (See map, inside cover.) The buildings are of similar modern architectural design and all are completely air conditioned.

Construction is continuing on Phase II of the new USF Medical Center and other needed facilities which, together with the new library complex recently completed, will increase the value of the University's physical plant by two-thirds in the next few years and provide you with one of the most attractive and functional settings in the nation for achieving your educational goals.

USF has a wide variety of recreational facilities, including three swimming pools, an excellent gym with weight training room, many tennis courts, a beautiful golf course, well-equipped University Center and others. Its academic and residential facilities are unexcelled in Florida—and all are air-conditioned and easily accessible from every corner of the well-kept campus, called by some "one of the prettiest in the nation." And parking spaces are always available somewhere on campus.

The atmosphere on campus is one of easy informality. Students and faculty dress casually and enjoy an unusually close relationship for a school so large. Some classes are even held outside to take advantage of the extraordinary climate (average annual temperature 72° F) of the area. And most buildings have open hallways, which blend colorful interiors with spacious exteriors, symbolically and architecturally suggesting the casual accessibility that has become a USF trademark.

ORGANIZED FOR EFFECTIVENESS

The University is organized into the four broad areas of academic affairs, student affairs, administrative affairs and finance & planning. The vice presidents who head these four units serve with the President as the principal policymaking officials of the University. In addition to the vice presidents, advice and assistance to the President in the determination of policy is given by a number of advisory bodies, including University committees and organizations representing the faculty, staff and student segments of the University Community. At USF, your views count; they are solicited and given serious consideration. The President is responsible through the Chancellor to the Florida Board of Regents for internal policy and the procedures of the University. More detailed information on these matters is available in the Special Collections Room, USF Library.

Communications on Campus

USF students have quick and easy access to top University officials. This is made possible through "Open Line," a face-to-face discussion between students and administrators; "Access," a radio program during which students and other listeners may telephone questions for quick answers; "Emphasis," a television program designed to provide in-depth interviews on topics of current interest; and other special programs designed to facilitate campus communications.

HISTORIC GOALS OF THE UNIVERSITY

And speaking of goals... As a university, USF is a regional institution of higher learning consisting of schools or colleges on several sites and offering programs in the liberal arts as well as in a number of professional areas. However, it is more than this; it is a place where new knowledge is sought, and old knowledge is synthesized in new ways through research and scholarship for the benefit of mankind.

As such, the university differs from a technical or vocational school where the detailed techniques of a trade are learned by practice. The university—the modern metropolitan university—deals with professional areas more in theory than in practice, providing the broad background and understanding necessary to the development and refinement of specific skills. In this way it develops the intellectual judgments necessary to deal with the constantly changing problems of a given profession.

A university, moreover, is not simply a place to prepare for a profession, important as that goal may be. One of its most important functions is providing you—indeed, all its students—with a better understanding of life in a rapidly changing world. Hence, a university has an important obligation in its educational program to provide for all students those common elements which make for more responsible and responsive living.

A university is also a servant of the society which supports it, and at the same time, is one of the leaders of that society. It is the medium through which wisdom of the past and the living spirit of the present are passed on to new generations of
people to be used by them in the further advances of society toward goals of more enriching and fulfilling living.

The University of South Florida has historically been committed to the goal of placing “Accent on Learning” which is considered its most important reason for being. Toward that end, the University has these specific goals:

- To provide the citizens of Florida with an outstanding public institution of higher learning, giving leadership and service in the intellectual, cultural, economic and scientific interests of the state.
- To create a community of scholars dedicated to teamwork in the search for truth, the exchange of ideas and the establishment of high standards of intellectual inquiry and creative activity.
- To provide opportunity for the development and training of the mind which promotes maturity, objectivity and creativity.
- To provide a broad cultural and basic educational pattern for all students, together with programs of liberal, professional and professional studies, and to supplement these with opportunities for independent development and work experience.

Degree programs of the University are designed to promote the following general objectives for all students: (1) appropriate skills in speaking, writing, reading and listening; (2) self-reliance through the ability to think clearly; (3) understanding oneself and one’s relationship to others; (4) growing convictions based on the search for truth; (5) understanding and appreciation of our cultural, social, scientific and spiritual heritage; (6) an intelligent approach to local, national and world problems leading to good citizenship and leadership in life; (7) some practical understanding of another language; (8) professional competence based on high ethical standards; and (9) healthful development of the body.

If your personal goals and objectives are similar to these, then USF is the place... the special place... you should consider. Together, you and USF “can make it happen.”

A LOOK TO THE FUTURE

The University of South Florida’s location in a dynamic and expanding metropolitan area, coupled with the broad growth and development of Florida in the space age, suggests a future of rapid change and expansion for the University. To date, almost 200,000 people have taken courses at USF and many others have taken advantage of the University’s cultural, athletic, and service programs. In every respect, the University of South Florida is a vital part of the State’s inevitable growth, and is continuing on its course toward becoming a distinguished university, dedicated to serving the people of Florida by providing all USF students enriching educational experiences. USF... an idea whose time has come... for YOU.

EQUAL EDUCATIONAL OPPORTUNITIES AT USF

USF programs, facilities, services, and activities are provided to all without regard to race, color, creed, religion, age, sex, national origin, or physical handicap.

Students are admitted to the University on the basis of the non-discriminatory factors noted in the section of this publication on Admissions. The recruitment of students is done in a way that not only does not exclude any segment of the population but also encourages persons from minority groups to enroll at USF.

University services, advising, counseling, and financial assistance are available to all students on a non-discriminatory basis. Moreover, affirmative efforts are made to provide special assistance to identifiable groups with special needs (i.e. minority students, the handicapped, etc.).

A wide variety of student organizations and activities are available to students, designed to affirm their individual identities and to discourage discriminatory treatment.

The University has a revised and widely distributed Equal Opportunity Program (available for review in the Student Affairs Office), which includes special procedures to deal with equal opportunity problems of USF students. Any student believing that University policy or the practices of any employee are unlawfully discriminatory may file a complaint in writing with the Special Assistant for Equal Opportunity in the Office of Student Affairs and expect a prompt and fair handling of the matter.

La Universidad de South Florida les extiende una invitación especial a los ciudadanos de apellidos españoles en esta región.
Admissions and Related Matters

Admission to study at USF generally requires evidence of ability to handle academic work, capacity to think and plan creatively, and intense motivation. Students, regardless of age, who have these abilities and skills and are seriously interested in earning an education are the ones most likely to succeed in college.

More specifically, as a public university, USF admits students who meet the formal admission requirements of the University (noted below) and who can be expected to do successful academic work.

In considering students for admission, the University does not discriminate—indeed, has never discriminated—on the basis of race, sex, color, creed, religion, age, or national origin.

The University may refuse admission to a student whose record shows previous misconduct not in the best interest of citizens of the University community.

The Office of Admissions, part of the Division of University Studies, administers the application and admissions processes at USF. It is located on the ground floor of the Administration Building on the Tampa Campus (see map).

Applying for Admission

As part of the State University System of Florida, USF utilizes the common application form required for admission to any one of the nine state universities in Florida's system. If you are a student attending a Florida high school or a junior/community college you may obtain the form at your school guidance office. Otherwise, you may write to the Office of Admissions, University of South Florida, Tampa, Florida 33620, indicating whether you will be entering as a first-time-in-college freshman, a transfer student (meaning you have had previous college work) or a graduate student. Application for admission to the College of Medicine should be requested directly from the Office of Student Affairs, College of Medicine, University of South Florida, Tampa, Florida 33620.

Applications for admission are accepted as early as 12 months before the anticipated enrollment date and must be submitted by the deadline stated herein (pages 4-5). Applicants are encouraged to apply early. Each applicant is responsible for requesting that the necessary academic records and credentials are sent to the USF Office of Admissions directly from the appropriate institution or agency. These documents could be: the high school records from high schools attended; college transcripts from colleges attended; G.E.D. test scores and high school equivalency diploma from appropriate high school or State Department of Education; USAFI scores from Madison, Wisconsin; SAT scores from high school or Educational Testing Service, Princeton, N. J., etc.

If your credentials are not received in time to process your application prior to registration, you may still attend the University as a Special Student for that term (see page 15) and then update your application for consideration for a future term.

Each application must be accompanied by a $15.00 non-refundable fee unless you have previously enrolled at USF as a degree seeking student and please note: You must enter your Social Security Number on the application form. Incomplete application forms will be returned.

If you are accepted for admission and do not enroll in the term for which you are admitted or if you have not been accepted because of a late application or missing credentials, you must notify the University in writing within 12 months, if you wish the application changed to a future date of entry. If a request for change of entry date is not received, a new application and fee must be submitted.

Opportunities for Accelerated Progress Toward Undergraduate Degrees

The University of South Florida provides several options by which students may accelerate their progress toward completing the baccalaureate degree. These options recognize knowledge which has been acquired prior to or during attendance at USF and provides the opportunity to earn university credit prior to admission to USF. Options which may be used include the following:

1. Recognition of satisfactory performance on tests offered through the College Level Examination Program (see CLEP, page 35).
2. Recognition of satisfactory performance in secondary school Advanced Placement Programs of the College Entrance Examination Board (see Advanced Placement Credit Program, page 35).
3. Dual enrollment at USF prior to graduation from High School or a Community College (see Dual Enrollment, page 15, and USF-HCC Cross Enrollment, page 35).
4. Early admission for high school seniors (see Freshman-Early Admission on page 14).
5. Your Open University (Y.O.U.) Courses by TV. See page 35.

Credits may be earned through a combination of the above options and students should contact their college advisor for further information concerning the application of this credit toward their degree requirements.

However, internal devices utilized in the various departments for the sole purpose of determining a student's most appropriate area, level or section placement in a program of study (such as auditions, portfolio reviews and placement tests) are not to be construed as being examining mechanisms for exemption or waiver for the granting of credit.

Requirements for Admission

A high school diploma or its equivalent is ordinarily required for admission of beginning freshman students, as well as the following:

Freshman—Graduate of Florida Secondary School
1. Overall "C" average in high school work.
2. Minimum score of 300 on the Florida Twelfth Grade Test.
3. Appropriate recommendation from the secondary school.

Freshman—Graduate of Out-of-State Secondary School
1. Overall "C" average in high school work with class ranking in the upper 40 percent of the class.
2. Minimum total score of 900 on the Scholastic Aptitude
Freshman—Early Admission

USF provides an early admission program for bright, highly capable, and mature students to enter the University as regularly enrolled students prior to high school graduation. This program is designed to meet the educational needs of highly qualified students, to help them realize their full potential and to support the State’s commitment to “time-shorted” degree programs. Along with the regular application form and $15.00 non-refundable application fee, such students must submit a letter outlining reasons for seeking early admission to USF and their future academic plans, as well as a recommendation for early admission from the applicant’s high school guidance counselor or principal (a copy of the Early Admission Recommendation form is available from the high school or from the USF Office of Admissions) and available test scores, etc.

Early admission is administered by the Office of New Student Relations, Division of University Studies, in conjunction with the Admissions Office and a number of other University units.

Undergraduate Transfer

Undergraduate transfer requirements are as follows:
1. Overall average of “C” in all college level work attempted and “C” average at the last institution attended.
2. Eligible to re-enter institution last attended.
3. A satisfactory secondary school record and admission test scores must also be submitted for any student who has attempted less than 45 quarter or 30 semester hours of work. If a student has attempted more than 45 quarter or 30 semester hours of college work, the University requires only official transcripts of the student’s prior college work. Evaluation and decision will be made on the basis of the student’s performance at the college level.

Transfer students should also refer to the section on community college relations, page 16.

Evaluation of Transferred Credits

1. After registration, the Admissions Office determines the total number of credits that may be transferred into USF and specific course evaluations will be prepared by the college of the student’s major. Therefore, a transfer student should be prepared with a personal, unofficial copy of his/her transcript of all past course work to discuss advisement and placement with the appropriate academic adviser and should contact the college of his/her major soon after registration so that an official evaluation may be completed.
2. A transfer student from an accredited junior/community college may satisfy the General Distribution Requirements of the University by completing (before transfer) the general education program prescribed by that institution. Transcripts must certify that the general education requirements have been completed and, if appropriate include graduation data.
3. A maximum of 90 quarter hours of junior college work may be transferred unless a student has completed more than 90 transferrable quarter hours at a four-year institution prior to enrolling at a junior college. In this case, the number of quarter hours earned at the senior institution is the maximum which may be granted at USF.
4. Credit will not be awarded for GED tests, for ROTC, or military science.
5. Service school courses will be evaluated with reference to the recommendation of the American Council of Education when official credentials have been presented. Such recommendation, however, is not binding upon the University.
6. A maximum of 45 quarter hours of extension, correspondence, military service education and College Level Examination Program (general examinations) credits can be applied toward a degree.

Transient

A transient student is one who is permitted to enroll at the University for one quarter only before returning to his/her parent institution. The University requires a completed application, the $15.00 non-refundable application fee and a statement from the parent institutions, indicating that applicant is in good standing.

Undergraduate Interinstitutional Transient Registration

USF participates in this State University System program to enable students to take advantage of special resources and programs available on another SUS campus but not available at their own institutions. An interinstitutional transient student must be recommended by his/her academic dean who will initiate a visiting arrangement with the appropriate dean at the host institution. By concurrence and mutual agreement of the appropriate academic authorities in both institutions, the student will receive a waiver of admission requirements and application fee of the host institution.

Foreign Students

Foreign students requesting an application will be sent preliminary information forms. Upon receipt of these forms, the Admissions Office will review the information provided and determine if the student meets the minimum requirements for admission to USF in his/her major field. If minimum requirements are not met for admission, the applicant will be so advised by the Admissions Office and the application process terminated. If the student does meet the minimum admission requirements, the Admissions Office will forward a formal application with additional instructions and information. A complete admission application should be received by USF at least 6 months prior to the desired entering date, together with the non-refundable $15.00 application fee. Submission of a formal application does not automatically guarantee admission. Priority in admissions will be given to applicants whose potential indicates the greatest likelihood of success in the program requested.

For all foreign students the following items are required as part of the formal application:
1. Completed application.
2. A $15.00 non-refundable fee submitted with the application.
3. A letter or recommendation from the last institution attended.
4. A certificate of financial ability. All foreign applicants must furnish proof of financial resources sufficient to cover travel to and from the United States, tuition, fees, room and board, and other expenses for the full academic year.
5. Applicants whose native language is not English are required to submit scores from the Test of English as a Foreign Language (TOEFL). Applicants are responsible for making arrangements with the Office of Educational Testing Service to take that examination and to have their scores sent directly from the Educational Testing Service to the Office of Admissions.

Foreign applicants must request all schools attended to submit directly to the Office of Admissions, University of South Florida, transcripts of all work attempted. These must be in their native language with copies certified and translated in English. For undergraduates, transcripts must include subjects and grades.
Readmissions (Former Students Returning)

A "Former Student Returning" is any student who has not been in attendance at the University during either of the two quarters immediately preceding the quarter that enrollment is desired. Such students should secure a "Former Student Returning Application" from the Office of Records and Registration. Early submission of the application is requested.

1. Former undergraduate students who have completed their baccalaureate degree. Transient students, and Special Students who wish to enter graduate study for the first time as degree seekers must file a "Graduate Application" prior to the deadline listed in this catalog.

2. An application fee is required for all students who have enrolled only for Continuing Education (off campus) courses and for those who enrolled as Special Students.

3. All former USF students who have completed their baccalaureate degree and wish to return to the University to begin another undergraduate major must file an "Undergraduate Application" with the Office of Admissions; no fee is required.

Former Students Returning should consult the quarterly University Class Schedule for any deadline and procedural changes. To be eligible for readmission, a student must meet the following requirements:

1. Be in good standing and eligible to return to the University of South Florida.

2. If attended another institution since last attending USF:
   a. Be in good standing and eligible to return to the last institution attended as a degree-seeking student.
   b. Have achieved a grade point average of at least 2.0 on a 4.0 system on all college level academic courses attempted at institution(s) previously attended and also at the last institution attended.

Students who have attended another institution(s) in the interim should request that official transcripts of all work attempted at other institutions be sent to the Office of Records and Registration, Attention: Evaluation Clerk.

Evening Courses

The admission requirements and achievement levels in the day and evening courses are the same. Any student accepted to the University may enroll in any courses offered in the evening which are appropriate to his/her program.

Academic Advising for Admitted Undergraduate Students

The University seeks to provide all students with sufficient guidance and advice to select programs and courses best suited to their personal abilities, educational interests, and career objectives. To achieve this goal, an academic advising office is maintained in each of the eight colleges offering baccalaureate degrees and in the Division of University Studies.

Any student entering the University with fewer than 90 quarter hours and upper level transfer students without an academic major are initially assigned to the Division of University Studies for academic advising. These students may declare a major (in most instances) by completing a form in the appropriate college advising office. Because of the highly structured nature of some programs, it is important that students check the college section of the catalog for advising or admission requirements (e.g., see College of Fine Arts and College of Engineering). Students who do not wish to declare a major are advised by the Division of University Studies. A student must declare a major no later than the end of the junior year (135 quarter hours).

Students transferring to the University with 90 quarter hours or more with a major are assigned to the college of that major for advising. It is necessary, however, that all students check in with their colleges upon arrival on campus. This can be accomplished during the Orientation Program. The purpose of the initial contact is to assign an academic adviser and to provide the college with routine information which assists the college in collecting and maintaining the necessary records to assure the student's proper progress toward educational goals.

In a few cases, only a limited number of students can be admitted to a particular major. Students planning to enter such programs should be aware of this situation and should be prepared with alternative plans of action.

All students are encouraged to establish an advising relationship with a college or the Division of University Studies and periodically visit their advisers to keep abreast of any policy, procedural, or curriculum changes which may affect them. In fact, some colleges require adviser approval of student programs each quarter.

To assure continuity, high quality, and commonality in advising (to the extent possible with widely varying programs) the coordinator of advising of each college and the Division of University Studies, and representatives from the related offices of the Registrar, New Student Relations, and Community College Relations, meet periodically as the University's Council on Academic Advising. This Council is concerned with assuring
timely availability of accurate information on University courses, programs, procedures and regulations to prospective, new and continuing students.

While the University provides advising services to assist students with academic planning, the responsibility for seeing that all graduation requirements are met rests with the student.

Course Registration for Admitted Students

Course registration is conducted in person by appointment during both the Early and Regular registration periods each quarter. Appointment times and registration instructions are published in the quarterly University Class Schedule. Students are encouraged to register early to allow time for schedule adjustments by the colleges.

Changes of class registration for students who register during Early Registration can be made during the Early or Regular Drop/Add periods. Students registering during Regular Registration may make schedule adjustments during the Regular Drop/Add period. (Deadline information is available in the Academic Calendar.)

Office of Community College Relations

Community/junior college students planning to transfer to the University should contact the Office of Community College Relations (both before and after transfer) for special assistance. The primary concern of the Office of Community College Relations is to assist community/junior college transfer students (and staff members of those colleges) to better understand the University of South Florida; its philosophy; its programs; and its procedural operations. This office, conversely, has a responsibility for the interpretation of the community/junior colleges to the University. The ultimate goal of the Office of Community College Relations is to ensure that the University does everything possible in assisting transfer students to phase into the University "on par" with their counterparts enrolled earlier at the University. One significant contribution toward this goal is the annual delivery of the updated Community College Counseling Manuals to every Florida community/junior college.

Community College Relations works closely with Florida community/junior college students and staff, as well as with such USF offices as Admissions, Student Affairs, Records and Registration, and the various colleges and departments, while serving a coordinating function within the University by working with all areas concerned, in minimizing problems of transfer students coming to the University.

Since the Statewide Articulation Agreement was first endorsed, the University of South Florida has subscribed fully to all of the provisions of this agreement. It is strongly recommended that students transferring from community/junior colleges to the University of South Florida complete their Associate in Arts degree—or, in certain prior-approved areas, the Associate in Science degree. Special details for students who do not plan to complete the associate degree requirements are available from the Office of Admissions.

It is recognized that enrolling in college is difficult for the freshman—in some respects, it is more difficult for the transfer student. The freshman student experiences only one transition, usually—that from high school to college. The college transfer student, on the other hand, unlike the freshman, must relearn some of the information regarding institutional regulations, grade point computations, financial aid, institutional organization, etc. The Office of Community College Relations stands ready to lend any possible assistance in this important, additional period of transition.

Office of Testing and Advanced Placement

The Office of Testing and Advanced Placement serves three principal functions:

1. Admissions and Academic Testing: Tests required for admission to colleges, graduate and professional schools as well as many other special tests are administered by this office. Examples are the SAT, ACT, GRE, Medical College and Law School Admission tests.

2. Test Development and Scoring Services: Analysis and advisory services are provided to aid in construction and validation of tests used in classes and instruments such as surveys and questionnaires for research purposes. Test scoring and analysis by machine (IBM 1230) are available to all faculty and authorized personnel.

3. Credit-By-Examination (see page 35): The College-Level Examination Program (CLEP) is administered through this office as are other examination programs designed to provide alternative means for students to achieve credit.

The Committee on Testing and Advanced Placement recommends standards and procedures for conduct of the credit-by-examination program.

Continuing Education

The University of South Florida offers both credit and noncredit educational programs to serve the in-service and continuing education needs of a geographical area which encompasses Charlotte, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Manatee, Pasco, Pinellas, Polk, and Sarasota Counties.

Both degree and non-degree seekers may participate in the University's Continuing Education credit program. Students desiring to obtain a degree must, however, apply for admission to the University as a degree seeking student (see Requirements for Admission) at an early date so that courses taken may be considered for inclusion in a program of studies (see appropriate college programs).

To assure quality of instruction, the Continuing Education credit courses, for the most part, are taught by the regular faculty of the University. When this is not possible, outstanding instructional personnel are recruited from neighboring accredited institutions. In addition, the University System Extension Library makes available for each Continuing Education course the latest in reference materials.

The academic calendar for courses scheduled off-campus is essentially the same as for the University's on-campus credit program. Classes are generally scheduled once a week.

Although some Continuing Education credit courses are generated by the University itself, most originate through requests
which are initiated by individuals or interested groups. Requests for Continuing Education courses in the field of Education should be submitted to County Extension Coordinators designated by the county superintendents of schools. Requests for Continuing Education courses in all other areas should be transmitted by individuals, groups, companies, agencies, etc., directly to the Center for Continuing Education, University of South Florida, Tampa, Florida 33620.

Enrollment in Continuing Education Courses

Enrollment in a Continuing Education off-campus credit course is accomplished by mail only. Enrollment forms may be obtained at a Continuing Education office, from the local County Extension Coordinator in county school board offices, or from the course instructor at the first class session.

1. The enrollment form and payment of fees must be postmarked no later than the deadline announced in the University Class Schedule.
2. On-campus students enrolling in a Continuing Education course must use the enrollment by mail procedure.
3. Fees for Continuing Education courses are assessed the same as fees for classified and unclassified students. Consult the Fees Section on page 18 for detailed information.
4. Enrollment forms for students whose fees are to be paid by school boards or state or federal grants must be forwarded in accordance with registration deadlines. Payment of fees or appropriate purchase orders must be enclosed with enrollment forms.
5. It is the responsibility of the individual student to ascertain that he or she has met the course prerequisites as published in Part II of this Bulletin.

Mature Student Admission: Education for Adults

Recognizing that education is a life-long process relevant to the needs of students over 25 years of age, the University of South Florida has developed programs and courses designed specifically for mature students. The University seeks to promote a better understanding of life in a changing world by means of instruction offered in a variety of ways—with and without academic credit. Programs are available for adults who wish to begin a college program, for those who are seeking to complete their interrupted college education, and for those who have earned a community college degree and now wish to earn the bachelor's degree. In addition, a wide variety of courses is offered in both the daytime and evening for those who wish to update a degree earned in the past or for those who are seeking to enrich their intellectual and cultural life.

Students who are above traditional college age (18-24) often have unique educational considerations that require special services. One of these services is academic advising in the Division of University Studies. There is also a pre-admission adviser for mature students in the Division of University Studies. (See page 27.)
Financial information pertaining to registration fees and other charges, services, and benefits are consolidated in this section for easy reference. All fees are subject to change without prior notice.

Resident Status—Florida and Non-Florida

Board of Regents regulation 7.6, Florida Student Definition, reads as follows:

The following fee schedule applies to all University of South Florida students with the exception of those in the Bachelor of

FINANCIAL INFORMATION

entitled to classification as an in-state student. The student, while in continuous attendance, shall not lose his residence

when his parent is thereafter transferred on military orders. A member of the armed forces of the United States stationed

in this State on military orders shall be entitled to classification as an in-state student while on active duty in this State

pursuant to such orders.

No person over the age of 18 years shall be deemed to

have gained residence while attending any educational institution in this State as a full-time student, as such status is defined by

the Board of Regents, in the absence of a clear demonstration that he has established domicile in the State.

Any person who remains in this State when his parent, hav­

ing theretofore been domiciled in this State, removes from this

State, shall be entitled to classification as a Florida student, so long as his attendance at a school or schools in this State

shall be deemed "continuous" if the person claiming continuous attendance has been enrolled at a school or schools in this

State as a full-time student, as such term is defined by the Board or Regents, for a normal academic year in each calendar

year, or the appropriate portion or portions of such years, thereof, since the beginning of the period for which continu­

ous attendance is claimed. Such persons need not attend sum­mer sessions or other such intersession beyond the normal aca­

demic year in order to render his attendance "continuous."

Appeal from a determination denying Florida status to any

student may be initiated by the filing of an action in court in the judicial district in which the institution is located.

Any student granted status as a Florida student which status

is based on a sworn statement which is false shall, upon a deter­

mination of such falsity, be subject to such disciplinary sanctions as may be imposed by the president of the university, which sanc­
tions may include permanent expulsion from the State University System or any lesser penalty.

Special Categories: The following categories shall be treated as Florida residents for tuition purposes:

Military personnel of the United States of America on active duty and stationed in Florida, including dependent members of their immediate families.

Veterans of the United States of America retired with twenty (20) or more years of active military service, including depend­
ent members of their immediate families, who are in Florida at the time of retirement, or who move to Florida within one year following retirement and intend to make Florida their permanent home.

Full-time elementary, secondary, and junior college faculty members under current teaching contracts in the State of Flori­
da. (This is construed to exclude the spouses of such faculty members.)

Full-time faculty and career employees of the University System and members of their immediate families. (This is con­
strued to exclude the spouses of students.)

Fees

Independent Studies, Adult Degree Program. For information on the Adult Degree Program fees, see page 35.
All fees are subject to change by action of the State Legislature, without prior notice. The University will make every effort to advertise any such changes if they occur.

1. Initial Application Fee
(Each application—not refundable) $15.00

2. Registration and Tuition Fee
Students who pre-register may receive a bill through the mail. However, the University is not obligated to send out such a bill. The student is responsible for paying fees in full by the appropriate due date stated in the particular quarter’s “Schedule of Classes.” Failure to do so will result in the student being assessed the $25.00 late payment fee.

A. Fee Structure
Fees are assessed by course level—not student classification.

<table>
<thead>
<tr>
<th>Course level</th>
<th>Fees, for Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td></td>
</tr>
<tr>
<td>Lower level (001-299)</td>
<td>Resident: $14.00</td>
</tr>
<tr>
<td></td>
<td>Non-Resident: $37.00</td>
</tr>
<tr>
<td>Upper level (300-499)</td>
<td>Resident: $15.00</td>
</tr>
<tr>
<td></td>
<td>Non-Resident: $47.00</td>
</tr>
<tr>
<td>Graduate (500 and over)</td>
<td>Resident: $20.00</td>
</tr>
<tr>
<td></td>
<td>Non-Resident: $57.00</td>
</tr>
<tr>
<td>Thesis and Dissertation</td>
<td>Resident: $22.00</td>
</tr>
<tr>
<td></td>
<td>Non-Resident: $99.00</td>
</tr>
</tbody>
</table>

NOTE: 1. There is no ceiling (maximum) on the amount which a student may be assessed for a single quarter.
2. In addition to the above, each student who enrolls for five or more credit hours on the Tampa Campus will have to pay a $10.00 Student Health Fee for the quarter. A student enrolling for four or less credit hours may voluntarily pay the $10.00 fee which will allow that student to utilize the Health Center services.
3. Registration fee payments should be mailed to:
   Division of Finance and Accounting
   University of South Florida
   4202 Fowler Avenue
   Tampa, Florida 33620

B. Off-Campus Courses
Students taking off-campus (Continuing Education) courses will be assessed the same fees as stated in "A" above except for the Health Fee. Continuing Education courses are designated by the "700 series" section number. The “Schedule of Classes,” which is printed each quarter, can be used as a reference for updated information.

3. College of Medicine Registration Fees
A Florida student enrolled in the M.D. program in the College of Medicine will pay a fee of $1,352.00 per year in installments of $338.00 each to be paid in July, October, January and April. A non-Florida student enrolled in the M.D. program in the College of Medicine shall pay a fee of $3,100.00 per year in installments of $775.00 each to be paid in July, October, January, and April.

4. Late Registration Fee
All students who initiate (i.e., those students who have not enrolled for any courses during Early or Regular Registration) their registration during the late registration period will be automatically assessed a $25.00 late registration fee. This is separate from the late payment fee.

5. Late Payment Fee
All registration fees and all courses which were added during the Drop/Add period must be paid in full by the payment deadline date specified in the “Schedule of Classes” printed each quarter. A $25.00 late payment fee will be assessed against all students who do not pay their fees in full by the specified date. The University can only charge a maximum of $25.00 in total late fees for a single quarter.

6. Cancellation for Non-Payment of Fees
Students not on an authorized deferred payment of fees and who have not paid their registration fees in full by a specified date (per "Schedule of Classes") will have their registration for that quarter cancelled. This means specifically that a student will receive no credit for any courses taken during that quarter.

7. Reinstatement Fee
Reinstatement of registration must be petitioned to Finance and Accounting. If the petition is approved, the student must pay all registration fees plus a $25.00 late fee plus a $25.00 reinstatement fee.

8. Intern Certificates
Students who present Intern Certificates for payment of their registration fees will have to pay a $2.80 per hour charge for all credit hours taken during the quarter. By paying this $2.80 per credit hour charge and presenting an Intern Certificate, a student will be allowed to register for an unlimited number of credit hours during a single quarter. These students will not be charged the $6.00 Student Health Fee.

9. 60-Day Deferment for VA Students
Students receiving VA benefits who have applied in writing no later than the specified date for the 60-day deferment of fees from the Office of Veteran’s Affairs (CTR 166 or SPB 152) have until a specified date (See “Schedule of Classes”) to pay registration fees in full.

10. Room Rent
Room rent is paid in accordance with information in the Housing Contract.

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Per Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>I, II, III</td>
<td>$169.00</td>
</tr>
<tr>
<td>IV</td>
<td>112.00</td>
</tr>
</tbody>
</table>

11. Food Service
The following food service plan options are available to all students.

<table>
<thead>
<tr>
<th>Meal Plan</th>
<th>Per Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 meal plan—Mon. through Sun.</td>
<td>$239.74</td>
</tr>
<tr>
<td>15 meal plan—Mon. through Fri.</td>
<td>211.36</td>
</tr>
<tr>
<td>12 meal plan—Mon. through Sun.</td>
<td>227.68</td>
</tr>
<tr>
<td>10 meal plan—Mon. through Fri.</td>
<td>201.36</td>
</tr>
</tbody>
</table>

*See “Resident Status”
**Prices listed are for Quarter I, 1975 and are subject to change for the academic year 1975/76. Food service prices may be revised quarterly, if necessary.

Refund of Fees
Registration fees will be refunded under certain conditions upon presentation at the Division of Finance and Accounting of an authorization issued by the Office of the Registrar.

1. Issuance
The issuance of a registration refund will be detained for a two-week period immediately following each official University registration.

2. Withdrawals
A. When officially requested by a student, a full refund of registration fees will be made if a student withdraws from the University on or before the final day of the regular “Drop-Add” period. (First week of classes).
B. No refund of registration fees will be made if the student withdraws after the final day of the “Drop-Add” period except in the following cases:
(1) If a student is involuntarily called back to duty with the armed forces.
(2) Death of a student during the term for which enrolled.
(3) Incapacitating illness of such duration and severity as to preclude successful completion of the academic program for the term for which a student is enrolled.
In the instances stated above, the refund will have a $2.80 per hour withdrawal fee deducted.

3. Cancellations
A. A student who at any time has his registration cancelled by the University because he was allowed to register in error is entitled to a full refund of his registration fees.
B. A student may be cancelled by the University when registration and tuition fees are not paid in full by the last day of the regular “Drop/Add” period, (first week of classes) except when a deferment is granted by the University.

4. Reduction of Class Load
A student must officially drop a course within the “Drop/Add” period in order to be eligible for a refund. A “Registration Refund Request” form must be completed and presented to the Division of Finance and Accounting before any refunds will be initiated. The refund will be the amount paid less proper charges per hour for each hour continued.

5. Late Fees
Late registration fees are not refundable.

6. Refund Monies Used to Clear University Debts
Deductions from authorized refunds will be made for unpaid accounts due the University.

Check Cashing Service
The University offers check cashing services under the following conditions:

1. The University will accept personal checks for accounts due the University. Each student is urged to make his own financial arrangements through his choice of commercial banks.
2. The University Bookstore will cash personal checks not exceeding $50.00.
3. A service charge of 15¢ is made for each check cashed.
4. Responsibility for the check rests with the final endorser.
5. The University will not cash three-party checks.
6. All checks returned by the bank must be cleared within 5 days from the date of notification to the student. Failure to comply will result in cancellation of the student’s registration. There is a $5 charge for each returned check.

Payments of Accounts Due the University
Charges against students for loss or breakage of University equipment, books, fines and other charges will be required to be paid within thirty (30) days of notification. Delinquent accounts may be considered sufficient cause for cancellation of registration. University regulations prohibit registration, or release of transcript for any student whose account with the University is delinquent. Payments should be brought into the Cashier’s Office, Administration Building. Payments may be mailed to Finance and Accounting, University of South Florida, Tampa, Florida 33620.

Financial Aids
In order to be considered for financial aid, the student must complete a USF financial aid application, and file either a Parents’ Confidential Statement or a Student’s Financial Statement with the College Scholarship Service. These forms are available at the Office of Financial Aids. Priority will be given to students who are registered full-time, i.e., 12 or more hours as an undergraduate and 9 or more hours as a graduate.

The deadline for applying for scholarships is February 1 for the academic year beginning the following September, and the deadline for applying for other types of assistance is March 1. In awarding financial assistance, no student is discriminated against because of race, religion, creed, age, sex, color, national origin, or marital status.

Vehicle Regulations and Fees

---

**Motor Vehicles**

Students may use automobiles on campus. Parking facilities are provided for resident and commuter students. All automobiles used on campus must be registered with the University Police. Each registrant must present vehicle registration certificate or facsimile indicating proof of ownership or authorization to operate vehicle. A booklet entitled “Traffic and Parking Regulations” is made available to the student at the time of registration. Decals for three- and four-wheeled motor vehicles:

1. If registered prior to or during Quarter I ............... $10.00
2. If registered at the beginning or during Quarter II ................. 8.00
3. If registered at the beginning or during Quarter III ............ 6.00
4. If registered at the beginning or during Quarter IV .............. 4.00
5. Vehicle registration for any one quarter or fraction thereof (OPS employees, temporary employees, faculty and students) .......... 4.00

---

**Two-Wheeled Vehicles**

Students may use two-wheeled vehicles on campus. Parking blocks, racks, and designated areas in parking lots are available to park two-wheeled vehicles. All two-wheeled vehicles used on campus must be registered with the University Police. Decal fee for motorcycles is $2.00. Fee for bicycles is $1.00. Bicycles need only be registered once for the duration of use on campus.
Special Services

Veterans Administration Benefits

The University of South Florida is approved for the education of veterans, servicemen, and other persons eligible for benefits under the GI Bill. All standard degree programs currently offered at USF are approved by the State Approval Agency, including the BIS Degree Program administered by the Center for Continuing Education. Non-credit courses offered through the Center are approved each time offered on a selective basis.

To initiate or renew terminated benefits, requests should be submitted to the VA Certifications section of the Office of Records and Registration. Forms are available in that office and should be submitted after being cleared for admission, readmission, or enrollment as a Special Student. Students enrolling in the Special Student (unclassified) status should contact the above office to confirm requirements for being certified for benefits. Early requests by eligible students will be processed for Advance Payment checks, which may be picked up at the school upon Registration, but not more than 30 days prior to the beginning of the term. Certification may be requested for the entire course of study by degree-seeking students who will be enrolled at least half-time each quarter.

To be eligible for full-time benefits, undergraduate and unclassified students must enroll for 12 hours each term. Degree-seeking graduate students must enroll for 8 hours to be eligible. Co-op students receiving benefits for "On Job" terms must maintain full-time status during "In Class" terms to avoid termination of benefits. It is the student's responsibility to notify the VA Certifications section of the Records Office of any change in status which affects their rate of benefits. Certification procedures are published in the USF Schedule of Classes each quarter.

Other benefits include additional amounts of Compensation and Pension, which may be payable to eligible veterans and widows of veterans for children between the ages of 18 and 23, if the children are attending at least three class sessions per week. The Request for Approval of School Attendance form, obtained from the VA Regional Office, must be submitted to the school one time only, unless the student's attendance is interrupted prior to graduation.

The State of Florida has provided for a 60-day deferment of registration fees and tuition, available to students eligible for benefits under chapters 33 and 35 of the GI Bill. Tutorial Assistance, not to exceed $60 per month, up to a maximum of $720 is also available to students who qualify. These services must be requested through the Office of Veterans Affairs. This office also provides any other assistance needed by veterans and other eligible persons. A further service has been provided by the VA by placing a Veterans Administration Representative on campus to serve as liaison for educational assistance problems and to assist students with other VA benefits.

Social Security Benefits

Full-time students between the ages of 18 and 22 who are eligible for Social Security checks should notify their local Social Security office to request enrollment certification through the Tampa Social Security Office. To be considered full-time at USF, students must enroll and remain enrolled for a minimum of 12 quarter hours each term, except summer term. It is the student's responsibility to notify the Social Security Administration when he or she ceases to be enrolled full-time.

Railroad Retirement Annuity Award

The University maintains a file of students receiving Railroad Retirement Annuity Award benefits, notifying the Board when a student ceases to be enrolled full-time. A student ceases to be enrolled full-time when he is enrolled for less than 12 hours as an undergraduate and 8 hours as a graduate.

To initiate benefits, student should contact the Railroad Retirement Board.

Bookstores

Textbook Center

Textbooks are located in the Textbook Center adjacent to the Central Receiving Building. Every attempt is made to have all required and recommended texts available the first day of registration.

USF Bookstore and Campus Shop

The USF Bookstore and Campus Shop, located in the University Center, serves the University community by providing numerous goods and services.

The Art and Engineering Department contains all course supplies for art, engineering, and science classes, as well as many hobby and general purpose items. Oil or water base paint, brushes, art paper, slide rules, electronic calculators, graph paper, drafting supplies, dissecting kits, and lab notebooks are among the many items in this department.

The Supply Department stocks all the basic school supplies and course required supplies necessary to fulfill course needs—notebooks, notebook paper, pens, pencils, etc.

The Record and Novelty area features record albums and tapes, as well as collegiate clothing, imprinted mugs, gifts, and novelty items.

The Customer Service Department stocks a large assortment of items which includes candy, cigarettes, tobacco products, health and beauty aids. This department provides many helpful services — film developing, college ring order service, fresh flower gift service, magazine subscriptions at student rates, etc. A copy center is also located in this area.

The Social Expression Department contains a complete selection of traditional and contemporary greeting cards and stationery.

The General Book Department is located in the basement of the Bookstore and stocks approximately 13,000 different titles, including the very latest in fiction, non-fiction, reference, study aids, and children's books.

Check Cashing

The Bookstore provides a check cashing facility for students, staff, and faculty. Cash limit is $50.00. Student current fee card and picture ID or current staff card must be presented for identification.
The University of South Florida is dedicated to the intellectual, social, and moral development of students in order to provide responsible leaders who can work effectively in a democratic society. The University has a concern for the total life of the student, both in and out of the classroom. Diversity of opinion, criticism, and dissent are essential in discharging these responsibilities, and this has been set forth and safeguarded in the Board of Regents’ policies (Sec. 6c, Administrative Code of Florida).

As a condition for admission to one of the State Universities of Florida, students agree to abide by the policies of the Board of Regents and by the rules and regulations of the institution. The University has the right and responsibility to determine who shall be admitted to the institution; the conduct or behavior acceptable to the institution, and under what conditions one may continue as a student. Administrative due process and the right of review in all disciplinary hearings are provided by the University.

University officials and particularly the Vice President for Student Affairs and his staff are charged with the responsibility of interpreting the policies of the Board of Regents to students and others in the university community, and with developing positive student personnel programs which further the intellectual, personal, and moral development of students.

Office of Student Affairs and University Development

The Vice President for Student Affairs and University Development, and the staff members in that area of administration, provide leadership and professional services necessary to maintain a campus environment conducive to learning. First, they offer services enabling students to cope effectively with factors of personal and social living that affect academic work: academic advising, financial aid, health service, individual and group counseling, career planning, placement, cooperative education, standards of conduct and performance, due process in disciplinary action, procedures for redressing grievances, and advice and assistance in time of trouble. Second, they provide programs enabling students to participate effectively in the corporate life of the University: orientation (FOCUS), equal opportunity programs, residence halls, student government, student publications, organizations, activities, and events of special interest. Third, they offer services, programs, and opportunities for alumni and friends of the University to assist the University in fulfilling its goals and mission.

Standards and Discipline

Just as the University tries to maintain high standards of academic performance, its members try to support high standards of individual conduct and human relations. Responsibility for one’s own conduct and respect for the rights of others are essential conditions of academic and personal freedom in the University.

The University may deny admission or refuse continued enrollment to students whose actions are contrary to the purposes of the University, or impair the welfare and freedoms of other members of the University.

Standards of personal conduct are published in a handbook provided to students at the beginning of each term. Disciplinary procedures followed when a student fails to exercise his responsibility adequately or commits some offense against University standards, local, state or federal law provide the safeguards of due process customarily enjoyed by American citizens. These include a written description of the offense, participation in discussion of the matter and presentation of information in one’s own behalf, the right to seek counsel in one’s own best interest, and the right of appeal. These procedures are also described in the handbook.

Self-discipline and sensitivity to the rights and interests of others are the principal elements of University discipline. Students are entitled to seek advice on any matter of judgment, conduct or human relations that may concern them, and to participate in the development of standards of conduct supporting their interest in the purposes of the University.

Many students have asked for advice on standards of dress and personal appearance. Campus dress is expected to be appropriate to the activity in which the individual is engaged.

Student Government

All regularly enrolled students are voting members of the Student Government of the University of South Florida. They elect the college councils, the Student Government officers, and the student representatives to the University Senate. Student Government is an agency representing student interests in plans, programs, policies and procedures at the University, and securing student representation in University governance. The Student Government office also helps students deal with special problems in areas such as off-campus housing, veterans services, and referral for legal assistance.

Grievance Procedure

In order to assure to students the right to redress of grievances, the Office of Student Affairs is responsible for a grievance procedure. Any student may file a question, complaint, or statement of grievance, in the Office of Student Affairs, in person or in writing. A course of action or other answer will be given by a member of the staff of the Office of Student Affairs, within the week. Students who do not wish to identify themselves or to provide local addresses will find the reply published in the earliest possible edition of The Oracle.

St. Petersburg Campus

A Student Affairs office is also maintained at the St. Petersburg campus. For information about the services and programs provided for these students, see page 87.

Financial Aids

The student financial aid program at the University of South Florida is a part of the Student Affairs program. For detailed information about financial aids see page 20.

Student Health Service

Comprehensive health care is provided through the University Student Health Service for all students who have paid the Health Fee. The Health Center is located on the fourth floor of the University Center building.
Counseling Center for Human Development

The Counseling Center for Human Development, located in the Andros Classroom Building, provides services for students desiring professional assistance in the areas of reading-study skills, vocational guidance, personal counseling, psychiatric consultation, tutoring, Probation and Parole, and Vocational Rehabilitation. These services are available to assist students in evaluating and remedying problems which interfere with efficient learning and satisfying participation in campus life.

The Career Counseling and Guidance Service helps students develop realistic career goals through testing, counseling, use of current career information, knowledge of the disappearing job market, and the exploration of alternative educational and or career goals and the means of reaching those goals. Emphasis is placed on developing skills for solving educational and career problems in order to make wise career decisions. A Career Information Library is maintained for student use.

Professional psychologists from the Personal Counseling Service of the Personal Resource Center will also assist students in Career Counseling, particularly those who may wish to explore identity, motivational, and other related personal problems. The Reading-Study Skills Service provides diagnosis and evaluation of reading skills and study habits. Two approaches are offered: (1) credit classroom courses are offered which include extensive instruction and practice in word attack, vocabulary, and comprehension skills; (2) an Independent Study credit course is available with the emphasis on the unique individual need. Reading-Study Skills for Independent Study is offered for all students enrolled in either the classroom or independent study sections. Regular registration procedures will be followed for either of the above courses. Visual screening is also available.

The Counseling Service is represented by different professional disciplines, including clinical psychologists, counseling psychologists, and social workers. The professional staff members assist students directly with emotional, personal, and or career problems on an individual or group basis. In addition, these staff members will train and supervise student paraprofessionals (mental health workers including drug rehabilitation leaders) and peer behavior managers (academic and interpersonal). Students desiring special assistance in their courses, in order to qualify them in basic subjects preliminary to pursuit of an academic major, may apply to the Counseling Center for Human Development for tutoring. Tutoring on a fee basis can also be arranged in various courses. Fees charged by the tutors are set according to standard rates established by the Counseling Center for Human Development staff. Special paraprofessional non-fee tutorial services are also available.

Psychiatric Services aid the student when medication, hospitalization, or psychiatric evaluation is needed. Evaluations by the Counseling or Psychiatric Service in conjunction with administrative departments of Student Affairs, Housing and Food Services, academic colleges or departments, and individual faculty will be rendered only at the request of the student and with a written "Release for Recommendation" signed by the student.

Seven student paraprofessional programs operate under the supervision and training of Counseling Center professionals. These programs, which are staffed by volunteer qualified graduate and undergraduate students, include Helpline, Drug Rap Cadre, Behavior Modification, Career Guidance, Black Peer Managers, Center Specialists, and test anxiety reduction.

Vocational Rehabilitation is a State of Florida service located in the Counseling Center to facilitate the University student's utilization of aid available.

Parole and Probation is another State service which provides counseling and supervision for the students involved.

Application for any of these services of the Counseling Center may be made by any student at any time and as often as desired. Center staff limitations will restrict servicing of new applications to emergencies during peak periods.

Division of Cooperative Education & Placement

One of the recognized goals of a college education is to maximize career satisfaction and University of South Florida has dedicated itself to the purpose of assisting students and alumni in realizing their career objective. Undergraduate students are encouraged to participate in the CEP and graduating students and alumni are urged to take advantage of the Placement Service.

Cooperative Education Program

The program is open to majors in most disciplines offered at the University. The program's objective is a balanced education where occupational experience is an integral part of formal education, and theory is blended with practice. The ultimate objectives of the program are to provide relevance in the educational process, direction in career planning, and bringing business and industry and governmental agencies close to the educational program of the University and have the graduates absorbed into permanent employment of the leading employers. Many types of organizations have joined the University as cooperative employers.

A student must have a minimum of 24 quarter hours of academic work completed with a grade point average of 2.0 or better before being assigned to an employer. Transfer students must meet minimum requirements in addition to completing 12 USF quarter hours. All University of South Florida cooperative programs are approximately four years in length except in the field of engineering, which is approximately a five-year program. The University will assign students to training programs relevant to their educational and professional goals. Usually students are first placed on assignments where they can learn the fundamentals. They may then advance in the type of assignment from training period to training period.

Cooperative Education students may take course work during each training period. This may be a regular course taken by class attendance, by independent study, or credit by examination at the University of South Florida or any other accredited college or university, a course by home study or correspondence, or a special problems course in an area appropriate to the student's major interests.

Students who fail to report for a training period after signing an agreement or who fail to keep their agreement to remain with an employer to the end of a given training assignment, may be dropped from the program.

Graduating Students And Alumni

Each year representatives from business and industry, educational systems, and governmental agencies throughout the United States will conduct on-campus recruiting interviews for graduating students. In addition, employers will list career employment vacancies throughout the year and request referrals of qualified candidates. Graduating students should register with the office early in their graduating year to insure the establishment of their placement credentials. These services are available to alumni desiring career relocations.

The Career Library provides the student with materials on vocational guidance, career opportunities, and employers. In addition, information on graduate schools is maintained.

Housing

The housing program of the University is part of the total educational plan. Functional, pleasant living conditions contribute to
a student's scholarship, habits, and attitudes. The residence hall program emphasizes attractive surroundings, opportunity for group activity, self-government, and counseling services of professional people. Provision of adequate living conditions is a responsibility shared by students, parents, and the University.

Regularly enrolled students are eligible to live in University residence halls. An application for a room in University residence halls is sent with the Official Acceptance notification. Housing assignments are made without discrimination as to race, color, or national origin.

Residence Halls

Accommodations for students are available in the University's modern residence halls. Residences are completely air-conditioned and provide for the living, educational, social, and personal needs of students.

In general, rooms are furnished with beds, dressers, mirrors, desks, lamps, drapes, and chairs. In each living unit, composed of between 40 and 50 students, a Resident Assistant is available to assist students. A Resident Instructor for each hall is available for personal and academic counseling.

The University's residence halls are grouped in units called complexes. The first completed complex—Argos—includes the residence halls grouped around Argos Center, which serves as the living and dining rooms of these halls. In addition to the lounges and cafeteria, Argos Center has a recreation room and conference rooms. The students residing in these halls live in study-sleeping rooms. An outdoor swimming pool in this complex is also available for student use.

Andros Complex consisting of nine residence halls provides a different type of living arrangement for students. Suites are designed to accommodate eight students—two students sharing a bedroom, four students sharing a study room, and eight students sharing a bath. In addition, each living unit has its own lounge. Andros Center is also considered the living and dining rooms of the students residing in this complex, and has most of the same facilities as the Argos Center. An outdoor swimming pool in this complex is also available for student use.

Off-Campus Housing

The Student Government office located in the University Center maintains a list of off-campus housing. Listings are accepted only from householders and landlords that do not discriminate because of race, color, or national origin. Rental arrangements may best be made after personal inspection of facilities and conference with the householder before the University opens. Fall quarter arrangements may be made during the summer.

Food Service

A variety of food plans are offered through a food service contractor. Several small dining rooms may be reserved by committees or special groups wishing to take their trays to a private place for luncheon or dinner meetings.

University Center

The University Center seeks to facilitate another dimension of the educational experience by providing an environment for informal association outside the classroom. It provides facilities, services, and programs to enhance the social, cultural, and recreational life of the University. The information service desk serves as the coordinating center for the numerous and varied services and activities of the University Center and out-of-class student life. It is here that student organizations schedule facilities and request services for their various activities. The master schedule of all student activities is maintained at this location.

Many of the University center facilities and services provide for personal and social needs. The University Center has some fourteen meeting and conference rooms to be used by student organizations, and provides facilities for the various services offered through the Office of Student Organizations and the Student Organization Service Center. For social activities, a ballroom is also located on the second floor. The first floor of the University Center has four social lounges for relaxation, as well as a gallery lounge to exhibit student art work. Other facilities on this floor are a television lounge, cafeteria and coffee shop, a campus store, and student government offices. Student health services occupy the fourth floor of the University Center.

The basement level of the University Center is the recreational area. To be found here are billiard tables, table tennis tables, table soccer games as well as a game room equipped with cards, and a variety of table games. The crafts area has been expanded to include a large ceramics facility as well as leather work, copper enameling, macrame, candlemaking, and numerous other small crafts. Photography labs are also located in this area of the University Center.

Food Services, the Book Store, and Health Services operations are coordinated through their respective university administrative areas, while the other facilities and services are coordinated by the University Center Director's office.

The University Center Program Office provides various activities for the campus community by presenting social, cultural, educational and recreational programs. The Program Office also assists student organizations and other groups interested in programming with technical and referral advising. A program team of students works along with professional program staff to produce slappy hours, coffeehouses, art festivals, songfests, street dances, photo contests, interdisciplinary speaker programs, student art exhibits, films and the like.

The student programmers provide opportunities for as many students and organizations as possible to become involved in all areas of program presentation. The U.C. Program Office contributes to the achievement of the educational goals of the University by providing an area where students can become involved, develop new programming ideas and help facilitate traditionally well-received events. These out-of-class activities benefit and enhance the USF students' academic experience.

Applications for paid student positions are accepted any time during office hours. Interviews are held when vacancies occur. All students are encouraged to volunteer their time and ideas to improve and create campus programs. Interested students who wish to be involved are invited to come to the University Center Program Office.

Clubs and Other Organizations

Students have formed clubs, organizations, and councils in almost every field of interest. New groups are being formed and will continue to develop. Groups presently organized cover the most frequently desired kinds of activities.

Dance, Music, and Drama Clubs

The excellent program in the Fine Arts and the facilities of the Fine Arts-Humanities Building and the Theatre and the Theatre Centre have attracted students to various student interest groups. Bay Players welcomes students interested in theatre. Students are also welcome to join such academic units as the University Orchestra, the University Concert Band, and the University Community Chorus and Theatre USF and Experimental Theatre.

Cultural Events

Many of today's outstanding visual and performing artists are brought to the University of South Florida campus each year. The Artist Series provides unusual opportunities for hearing the best music performed. The Exhibition Series provides unusual opportunities to view many renowned significant exhibitions annually in the University's three galleries. These and other programs conducted by the Florida Center for the Arts significantly contribute to the education of students and the general vitality of the campus.
In addition, the Division of Fine Arts arranges a full schedule of concerts, plays, lectures, films, and workshops which feature students, faculty and visiting artists. The events are presented both during the day and in the evening. Many are free of charge.

Most events are open to the general public. The University publishes a Calendar of Events which is available upon request to the Coordinator of Events, Florida Center for the Arts, USF.

Fraternities and Sororities

There are currently 16 national fraternities and 11 national sororities functioning on campus. They carry out a program of social, education, service, and recreational activities for their members. Membership is open to any student, by invitation only. Their programs are coordinated through the Interfraternity Council and the Panhellenic Council with the advice of faculty and staff members.

The sororities are: Alpha Delta Pi, Alpha Epsilon Phi, Alpha Kappa Alpha, Chi Omega, Delta Delta Delta, Delta Gamma, Delta Sigma Theta, Delta Zeta, Kappa Alpha Theta, Kappa Delta, and Zeta Phi Beta.

The fraternities are: Alpha Phi Alpha, Alpha Tau Omega, Delta Tau Delta, Kappa Alpha Psi, Kappa Sigma, Lambda Chi Alpha, Omega Psi Phi, Phi Delta Theta, Phi Gamma Delta, Pi Kappa Alpha, Pi Kappa Phi, Sigma Alpha Epsilon, Sigma Nu, Sigma Phi Epsilon, Tau Epsilon Phi, Tau Kappa Epsilon, and Phi Beta Sigma Interest Group.

Religious Organizations

The University has encouraged student religious organizations to develop associations and centers. Denominations have built centers in a reserved area on campus. The Episcopal Center was dedicated in the fall of 1962 and the Baptist Center in the spring of 1964. The Chapel followed in 1966. (This center is an ecumenical campus ministry of the following denominations: United Methodist, Presbyterian, and United Church of Christ). The Roman Catholic Center joined the others in the fall of 1967, in an adjacent location.

Student religious organizations active on campus include: Bahá’í Club, Baptist Campus Ministry, Campus Crusade for Christ, Catholic Student Union (Newman Club), Christian Science Organization, Episcopal-Canterbury Club, Jewish Student Union, The Navigators, Student Association of the Church of Jesus Christ of Latter-day Saints, Lutheran Student Organization, The Chapel, and the Way.

Service and Honorary

There are many organizations devoted to serving the University and the Tampa Bay Area. These Service Organizations are: Alpha Phi Omega, CAUSE, Circle K, Ethos, Gamma Sigma Sigma, and Tape Bank Service.

Membership to Honorary Organizations is usually by invitation. Honorary Organizations at USF are: Beta Gamma Sigma, Gamma Theta Upsilon, Kappa Delta Pi, Lambda Alpha, Mortar Board, Omicron Delta Kappa, Phi Kappa Phi, Pi Mu Epsilon, Phi Sigma, Tau Beta Pi, Themis, Phi Alpha Theta, Sigma Tau Delta, and Sigma Xi.

Professional Fraternities

Many profession-oriented groups exist at USF. These include: American Society of Personnel Administration, Phi Chi Theta (management), Delta Sigma Pi (business), Phi Beta Lambda (business), Phi Mu Alpha (music), Pi Sigma Epsilon (marketing), Psi Chi (psychology), Sigma Alpha Eta (Speech Pathology and Audiology), Sigma Alpha Iota (music), and Phi Sigma Alpha (government).

Special Interest Organizations

Students have organized and continue to organize clubs and organizations covering a broad range of interests. Included are those oriented to academic majors, departments, and colleges; groups providing programs, information, and governmental experience; and associations of students with a common interest in a specific recreational, technical, ideological, or other area of special concern. Complete information is available at the Office of Student Organizations.


Recreational Sports

The University of South Florida provides a variety of physical and recreational activities designed to meet the needs and interests of students. Believing that a sound and complete education includes a proper balance of work and study with physical activity, the University program includes Intramural Sports competition, Sports Clubs, and other recreational activities, in addition to basic instructional programs in physical education.

The activities represent a broad selection of sports ranging from those of a highly competitive nature to those of a non-competitive type and include individual, dual, team, and aquatic sports. Through participation, students, faculty, and staff will increase physical fitness, augment leisure time skills, and develop a wholesome attitude toward physical activity.

The Intramural Sports Program emphasizes activities that are especially suited to the Florida climate. Competition is scheduled in such individual sports as swimming, tennis, track, golf, cross country, table tennis, bowling, billiards, handball, paddleball, wrestling, and archery, as well as the team sports of touch football, basketball, volleyball, and softball. Competition is scheduled through fraternal societies, residence halls, and independent divisions. Team awards are presented.

The Sports Club Program includes groups of students, faculty, and staff who have a special interest in a particular sports activity. They are organized for the purpose of increasing skills and augmenting knowledge through a continuing in-service training and competitive program. Each sports club is assisted by the coordinator of sports clubs in the selection of a faculty advisor, and the initial organization of the club is governed by University regulations. Students with special sports abilities or interests are encouraged to make them known so that when sufficient need and interest warrant, new sports clubs may be formed. Present clubs include: bicycle, bowling, fencing, gymnastics, judo, karate, lacrosse, rugby, sailing, soccer, sports car, sports parachute, synchronized swimming, water skiing, weight lifting, wrestling, and yoga.

The Special Events Program is geared to provide the University community with a variety of informal recreational activities. Some of the activities are: open tournaments, trips to special athletic events, splash parties, picnics, camping, boating, coed activities, and other special project activities related to the development of campus recreation.

Intercollegiate Athletics

The University of South Florida fields intercollegiate teams in baseball, basketball, golf, soccer, swimming, and tennis. The University is a member of the National Collegiate Athletic Association and competes in the University-I level of competition. Schedules are arranged to include quality competition which reflects the high standards of the University. Women's athletics are encouraged. The University of South Florida is also a member of the Association of Intercollegiate Athletics for Women and competes in quality competition in the following sports: Golf, Basketball, Swimming, Softball, Tennis, and Volleyball. Schedules in all competition are arranged with regionally and nationally ranked teams.

Student Publications

The University has encouraged a program of campus communication through several publications. These publications are all University in approach and coverage. They are staffed by students under the general supervision of the Office of Student Publications.

A 5-column tabloid campus newspaper, *The Oracle*, is published four times weekly, Tuesdays through Friday, during Quarters I, II, and III, and twice weekly, Tuesday and Thursday, during Quarter IV. Containing 12 to 16 pages in each issue, it provides professional experience for those students interested in journalism. Any student interested in working on the newspaper in any capacity is not only encouraged but urged to participate. *Omnibus*, a quarterly magazine, is published during Quarters I, II and III as a supplement to *The Oracle*. *Omnibus* I is a tabloid magazine containing general interest features and photos produced by students. *Omnibus* II (The South Florida Review) is a literary magazine containing prose, poetry, photography, and artwork contributed by students and other members of the University community. *Omnibus* III provides a pictorial review of campus activities and events during the academic year. Interested students are invited to apply for staff positions on any campus publication as well as make contributions to the quarterly magazine.

Development and Alumni

The purposes of the University's Development/Alumni Office are as follows:

1. To identify private resources to ensure excellence and the continued expansion and development of selected new programs at USF for which State resources are either not available or not available in quantities to meet program objectives.
2. To identify and effectively relate to the University's various advancement constituencies (Alumni, Parents, President's Council, Friends of the Library, University Circle, and Athletic Boosters) through the maintenance of a quality communication program, a variety of social/cultural events, involvement in programs and functions on the University campuses and a variety of fund-raising activities.
The Division of University Studies contains the offices of New Student Relations, Admissions, and Academic Advising. The Division is responsible for assisting USF students at the point of initial contact in the community, during the process of admission at the undergraduate or graduate levels, and until a choice of academic major is made.

As an administrative “home” for the USF undergraduate student who has not yet declared an academic major, the Division is a facility where the student receives the information, services, and counsel necessary for effective decision-making in regard to his or her academic and professional future.

It is through the offices of this Division that high school students seek early admission, effect dual enrollment between high schools and community colleges and the University, and receive academic advisement until such time as they have chosen a major. The Division provides information and special services for minority students and those who are above the traditional college age. Referrals to other student service units are freely made as the Division seeks to insure that all USF undergraduate students will progress toward graduation with optimal use of their time, interests, abilities, and the resources of the University.

Office of Academic Advising

The centralized academic advising office of the Division of University Studies is primarily concerned with the assistance of new lower level students and students who have not selected an academic major.

The office also serves as an initial point of contact for prospective students who are unfamiliar with the University structure and who need academic information about this institution. Since the decision about a major affects many aspects of a student's present and future life, the advisers in the Division maintain close liaison with other areas so they will be better equipped to use information from them in relation to the function of academic advising. Some of these resources are the college advising offices, the Counseling Center for Human Development, the Division of Cooperative Education and Placement, and Financial Aids.

The advising office houses a Special Services Program which is concerned with the implicit as well as the explicit needs of minority students. This program’s responsibility is to help these students get whatever assistance they need in addition to their academic advisement.

Division of University Studies

This office is also responsible for checking requirements for the Associate of Arts Certificate.

Office of New Student Relations

The Office of New Student Relations assists prospective students, high school guidance counselors, parents, and the general public in securing information about the University of South Florida and its programs. Members of the New Student Relations staff represent USF at high school and college Career Education Programs throughout the State of Florida. Special programs are initiated to meet the needs and interests of prospective students. Among these activities are presentations and preparation of printed information relevant to high school students, mature students, and minority students; seminars for high school counselors; and campus Visitations Days for prospective students. These programs frequently represent a cooperative effort with other University divisions, public school systems, and community colleges in the local area. Invitations from schools, civic organizations, and youth groups for information and presentations about the University of South Florida are welcomed. This office also serves as an initial point of contact for prospective students who are unfamiliar with the University and who are seeking general information about any aspect of the institution. Services include pre-admission counseling for high school students, minority group members, and mature, non-traditional college age individuals.

New Student Relations, in conjunction with the Admissions Office and other University units, administers the Early Admission, Dual Enrollment, New Student Orientation, and FOCUS: YOU AND USF programs.

New Student Orientation Program

At the beginning of each quarter, prior to the beginning of classes, all new full-time undergraduate students are expected to participate in the orientation program of the University. Normally a one-day program, orientation is designed to help new students become acquainted with the University and includes academic advising.

Students cleared for Quarter 1 (September) admission are urged to participate in FOCUS: YOU AND USF, a special summer orientation-early registration program, in lieu of orientation prior to the beginning of classes.

Office of Veterans Affairs

An Office of Veterans Affairs is maintained on both the Tampa and St. Petersburg campuses. This Office directs the University’s PAVE program, which stands for Programs to Advance Veterans Education. All veterans, veteran dependents, and active-duty personnel can utilize the services of the Office. Highlights of the PAVE program include veterans pre-admissions counseling, and veterans benefits advising. The VA Certification section of the Registrar’s Office processes enrollment certifications for the Veterans Administration. Additionally, a VA Representative is on-campus to provide VA benefit assistance and solve VA payment and certification problems.

Florida state law provides for a 60-day deferment of tuition and registration fees for students utilizing the G.I. Bill. VA students may use the deferment during every quarter of their enrollment. The Vet-to-Vet Tutorial Program affords VA students the opportunity for tutoring in needed subject areas. Under the G.I. Bill, students can receive up to $60 per month for a maximum of $720 to pay for a tutor, who may also be a veteran. There is the opportunity for developmental course-work and GED certification on-campus and through cooperative efforts with the Hillsborough Community College and the Hillsborough County Adult Education programs. Active referral is made for financial assistance, student job placement, student housing, career planning and academic advising.

As a Servicemen’s Opportunity College, USF encourages active-duty personnel to participate in PAVE. For information on Bootstrap, Degree Completion, and Tuition Assistance, students should first check with their local military education services office.

Riverfront Recreation Area
The Office of Records & Registration, a department of the Registrar's Office, maintains the official academic records for all students and course registrations for currently enrolled students. Students are encouraged to contact the Office of Records and Registration about general questions concerning Academic Policies and Procedures or an inquiry concerning their current registration or academic record. Note: Each student must be aware of the University's Academic Policies and Procedures in so far as they affect him or her.

General Academic Regulations and Information

Quarter System
The University of South Florida operates on a Quarter system with the academic year running from September through August. Quarters begin in September, January, March, and June on the dates indicated on pp. 4-5.

Academic Load
The maximum load for an undergraduate student is 18 hours, unless approval is received from the Dean of the student's college or an authorized representative. Students classified as undecided or an authorized representative. Students classified as undecided must receive approval of the Division of University Studies. The minimum load for a student to be considered academically full-time is 12 hours for an undergraduate and 8 hours for a graduate student.

Availability of Courses
The University does not commit itself to offer all the courses, programs and majors listed in this catalog unless there is sufficient demand to justify them. Some courses, for example, may be offered only in alternate quarters or years, or even less frequently if there is little demand.

Adds
After a student has completed his registration on the date assigned to him, he may add courses until the "Add" deadline as specified in the academic calendar. Add Forms may be picked up and turned in at the College offering the course.

Drops
A student may drop a course or courses by any of the following procedures:
1. Regular Registration—Students may drop courses at or later than their appointment time as published in the University Class Schedule, by completing a drop form and obtaining college approval. Students are entitled to a full refund of fees for courses dropped during this time. No entry of the course will appear on any records.
2. First week of classes—By completing and turning in a drop form at the college offering the course. These drops are treated the same as drops processed at regular registration.
3. After the first week of classes and by the end of the sixth week—Students should turn in a drop form at the college offering the course. Students who drop after the first week of classes must pay registration fees for those courses. Their record will reflect a "W" grade for the dropped course(s). NOTE: Courses dropped after the six week deadline will result in an automatic "F" grade.

Auditing Privilege
During regular registration a student may audit a course by marking the box for "Audit" on the registration form. Any other time, the student must obtain written approval on the audit form from the instructor of the course and section in which he wishes to enroll. Audit forms may be obtained from the Office of Records & Registration. The completed form must be submitted to the Office of Records & Registration or the college office by the last day to add courses. Fees are charged at the same rate as credit courses.

Cancellation Before First Class Day
Students may cancel their registration by notifying the Office of Records & Registration prior to the first day of classes. If fees have already been paid, the student will receive a full refund of fees.

Withdrawal
A student may withdraw from the University without penalty for the first six weeks of any term by submitting a completed Withdrawal form to the Office of Records & Registration. After that date, grades of "F" will automatically be assigned for all course work.

Students who withdraw during the add period as stated in the academic calendar may receive a full refund of fees. No refund is allowed after this period except for specified reasons. See "Refund of Fees" under Financial Information for complete details.

Any student who withdraws a second time within four consecutive quarters of attendance must receive approval of the coordinator of Advising from his college before he is allowed to re-enter the University.

Transcript Information
Transcripts of a student's USF academic record may be requested by the student through the Office of Records & Registration. A student's academic record can only be released upon authorization of the student. Students requesting transcripts may do so in person or by writing to the Office of Records & Registration. Include in the request full name, social security number, and date of birth, and indicate name and address to whom the transcript is to be sent. If grades for the current term are needed, clearly indicate that the transcript request is to be held for grades. No charge is made for transcripts.
Grades, Scholarship Requirements, and Review Procedures

The University is interested in each student making reasonable progress towards his or her educational goals and will aid each student through guidance and faculty advising. To make students aware of their academic progress, the University has enacted a system of grading and policies of Academic Warning and Disqualification which indicates whether or not a student is showing sufficient progress towards meeting degree requirements. Notifications of Grades, Academic Warning, and Disqualification are posted to the student's permanent record.

When a student is disqualified from the University, not eligible to re-enroll, it may be in his or her best interest to re-evaluate his educational goals with an academic adviser in his college. If the student's poor academic performance has resulted from extenuating circumstances or if after a period of time the student feels he or she has gained adequate maturity and motivation, he may petition the Academic Regulations Committee for readmission. See “Academic Regulations Committee” for information on petitioning.

Grading System

A student's measure of academic achievement is recorded on his permanent record based on the following grading system:

- A — Superior performance
- B — Excellent performance
- C — Average performance
- D — Below average performance, but passing
- F — Failure
- S — Satisfactory
- U — Unsatisfactory
- W — Withdrawal from course without penalty
- H — Honors (Medical students only)
- I — Incomplete
- N — Audit

Grade Point Average

The University has a four-point system of grading used in computing grade point averages (A=4 grade points, B=3, C=2, D=1, F=0.) The grade point average is computed by dividing the total number of quality points by the total hours attempted at the University of South Florida. The total quality points are figured by multiplying the number of credits assigned to each course by the quality point value of the grade given. Grades of S, U, I, and grades which are followed by an “R” (indicating a repeat) are subtracted from the total hours attempted.

S/U Grade System

No-option Courses. Certain courses have been designated as S/U courses. The “S” and “U” grades are used to indicate the student's final grade. These S/U courses are identified each quarter in the University Class Schedule. No grading system option is available to students or faculty in these courses.

Option Courses. Any undergraduate course may be taken on an S/U basis by a student under the following conditions and restrictions:

1. Required courses in the major may not be taken on an S/U basis.
2. Specifically designated required courses in the Distribution Requirements of the student's college may not be taken on an S/U basis.
3. All elective courses for the major and all elective courses in the Distribution Requirements, and all other free elective courses may be taken on an S/U basis except where:
   a. The certifying college restricts the number of courses which may be taken on an S/U basis in any one or all of the above areas or restricts the total number of S/U courses which can be accepted for all of the above areas.

b. The certifying college specifies that certain courses may not be taken on an S/U basis.

c. The instructor of a course refuses to allow the course to be taken on an S/U basis.

Mechanism for Assigning S/U Grades. The method by which a student receives an “S” or “U” grade in an option course will consist of the following:

1. A written agreement signed by both instructor and student shall be filed with such offices as may be designated by the College. The college shall set the deadline (no later than the last day of classes for the term) for the student to decide if he wishes to take the course on an S/U basis.
2. The instructor shall assign final letter grades A, B, C, D, F, or I, but will transmit to the Registrar S or U consistent with the following:
   a. Letter grades A, B, or C, shall be equivalent to a letter grade of “S”.
   b. Letter grades D or F shall be equivalent to a letter grade of “U”.

“I” Grading Policy

An “I” grade may be used for an authorized failure to meet the requirements of a course. An “I” grade may be awarded to an undergraduate student only, however, when a small portion of the student's work is incomplete and only when the student is otherwise earning a passing grade. Until removed, the “I” is not computed in the grade point average for either undergraduate or graduate students. The time limit for removing the “I” is to be set by the instructor of the course. Normally this would be by the end of the quarter following the one in which the grade is given; for undergraduate students this time limit may not exceed three quarters and/or time of graduation, whichever comes first. “I” grades not removed by the end of the time limitation will revert to grades of “U” or “F”, whichever is appropriate. Students do not re-register for courses in which they are only completing previous course requirements to change an “I” grade.

Forgiveness Policy

A student may repeat a course and have only his latest grade computed into his grade point average. However, this is not an automatic process. The student must complete a “Repeat Course Waiver” form in the Office of Records & Registration for each repeated course and adhere to the following restrictions:

1. The Policy applies even if the latest grade is lower than the first.
2. A student may repeat any course once. In order to repeat a course more than once, the student must receive prior approval from the dean of his college or the Director of the Division of University Studies, if appropriate.
3. The policy is applicable to undergraduate students only. Once a baccalaureate degree is earned, a student may not repeat an undergraduate course and receive a waiver.
4. In cases where the course prefix, number, hours, or title are different, the student must receive approval from the college dean verifying equivalence of the course.
5. The repeat course must be taken under the standard grading system (A, B, C, D & F).
6. All grades will remain on the transcript. The original course grade will be annotated with an “R” to indicate that the course has subsequently been repeated and the original grade is not computed in the grade point average.

Academic Warning Status and Disqualification

An undergraduate student who falls below:
1. 1.500 and the quarter hours attempted at less than 45; or
2. 1.700 and the quarter hours attempted are between 45 and 89;
will be placed on Academic Warning. All students on Academic Warning who do not raise their cumulative Grade Point Average equal to or above the average in either of the above (whichever is appropriate) within the next term enrolled will be placed on Final Academic Warning.

Should the student's Grade Point Average fall below 2.000 while his quarter hours attempted are more than 89, he will be placed on Final Academic Warning.

A student on Final Academic Warning must earn at least a 2.000 average the next quarter he is enrolled. Failure to do so will disqualify the student from continued attendance at the University. If a student withdraws while on Final Academic Warning, he is automatically disqualified and must petition and secure approval of the Academic Regulations Committee for re-entry.

A student who fails to have a 2.000 cumulative Grade Point Average after attempting 135 quarter hours is automatically disqualified. A disqualified student must petition and secure approval of the Academic Regulations Committee before readmission. This rule overrides all others.

A disqualified student seeking to gain readmission must apply to the Academic Regulations Committee through the Office of Records & Registration. Any student who is readmitted to the University directly following Disqualification will be placed immediately on a Final Academic Warning status.

A student who attends another college or university during this intervening period will be classified as a transfer student and readmission will be based on the total record accumulated from all colleges and universities attended.

Graduate students should refer to the section on Graduate Studies for discussion of minimum academic standards.

Class Standing
A student's class is determined by the number of credits he has earned without relation to his grade point average.

<table>
<thead>
<tr>
<th>Class</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 Special</td>
<td>No degree; non-college credits only</td>
</tr>
<tr>
<td>1 Freshman</td>
<td>0 through 44 quarter hours passed</td>
</tr>
<tr>
<td>2 Sophomore</td>
<td>45 through 89 quarter hours passed</td>
</tr>
<tr>
<td>3 Junior</td>
<td>90 through 134 quarter hours passed</td>
</tr>
<tr>
<td>4 Senior</td>
<td>135 or more quarter hours passed</td>
</tr>
<tr>
<td>5 Baccalaureate degree holder</td>
<td>working on a second Undergraduate program</td>
</tr>
<tr>
<td>6 Graduate student admitted to Master's Degree Program</td>
<td></td>
</tr>
<tr>
<td>7 Graduate student admitted to Specialist Degree Program</td>
<td></td>
</tr>
<tr>
<td>8 Graduate student admitted to a Doctoral Degree Program</td>
<td></td>
</tr>
<tr>
<td>9 Professional Program (M.D.)</td>
<td></td>
</tr>
</tbody>
</table>

Admission to a College
All new lower level students must be initially advised by the Division of University Studies. After that time, a student may declare a major and matriculate to a degree granting college. (Each college has specified in this catalog its requirements for admission.) All undecided students are assigned to the Division of University Studies for purposes of advising until a choice of major is made. At that time, he/she may enter the college containing the major department. Undecided students may remain in this classification until a maximum of 135 quarter hours are earned. After that time, a major must be selected.

Change of Major
Change of Undergraduate Major: Undergraduate students desiring to change their major should consult the Advising Office in the old and new college(s) of interest.

Change of Graduate Program/Degree: Graduate students desiring to change their program or degree status must complete an "Application for Graduate Change of Program Degree Status" available in the Office of Records & Registration. Students will be notified by the Office of Records & Registration of the college's decision concerning the student's acceptance into the new status. For further details on acceptance into graduate programs, students should refer to page 41.

Pending Status
A student may be placed on "Pending" by failing to meet obligations to the University. When a student is on Pending, he may not be allowed to register, receive a diploma, or receive a transcript. Settlement of financial accounts must be made at the University Cashier's Office.

Each student placed on Pending should determine from the Office of Records and Registration which office placed him in this status and clear the pending obligation with that office.

Student Information Changes
Notifications regarding change of address, change of name, change in marital status, change in residency, and change of citizenship should be filed promptly with the Office of Records & Registration.

Final Examination
There is no final examination period. Examinations in academic subjects are considered to be an integral part of the learning process and are not, therefore, separate from other aspects of the academic experience. Each USF teacher determines the entire grade for students in his or her sections. If the instructor desires to administer a final examination, this must be done only during the regular class periods.

Honors Convocation
The Honors Convocation policy is in the process of revision. For details of the new policy, please communicate with your college or the Division of University Studies advisers.

Dean's List
The Dean's List policy is in the process of revision. For details of the new policy, please communicate with your college or the Division of University Studies advisers.

Academic Regulations Committee
The Academic Regulations Committee meets regularly to review petitions submitted by students to waive certain academic regulations. Students must petition and secure approval of the committee to return to the University after having been disqualified from further immediate attendance or for reasons pertaining to admission, registration, withdrawal, and deadline policies.

The committee normally meets once a week. Petitions must be submitted to the Office of Records & Registration. Completed forms should be returned to the Office of Records & Registration by 5:00 p.m. Friday, to be reviewed at the next week's meeting. Students will receive notification of the committee's action the following week.

If the student wishes a personal interview with the committee he should make arrangements with the representative from his college prior to submitting his petition.

Student Academic Grievance Procedure
Student academic grievance procedures exist at USF to provide students the opportunity for objective review of facts and events pertinent to the cause of academic grievances. Such review is accomplished in a collegial, non-judicial atmosphere rather than
an adversary one, and allows the parties involved to participate.

An Academic Grievance Committee, composed of an equal number of faculty and student members, exists in each college (except the College of Medicine, which has established a separate procedure) for the general purpose of considering student academic grievances and making recommendations based on these considerations to the dean of the college in which the alleged grievance occurred.

**Student Violations or Offenses Involving Alleged Academic Dishonesty**

Violations of academic codes, cheating and plagiarism will be handled initially by the instructor who will discuss the incident with the student. If the instructor decides that further action is warranted he will inform the student of the action that he is recommending to his department chairperson and the dean.

The instructor will file a confidential statement and recommendation through the department chairperson and with the dean of the college responsible for the course, and will provide the student with a copy of that statement.

The student, if dissatisfied with the instructor's recommendation, may ask for a meeting with the instructor, the department chairperson, and the dean indicating his version of the incident.

The final disposition of all cases of academic dishonesty rests with the dean of the college responsible for the course. In reaching a decision, the dean may accept the instructor's recommendation or, if not satisfied after reviewing the statement of the instructor and the student, may request meetings with the student, instructor, and department chairperson individually or jointly. The dean may also appoint a student-faculty committee for advice prior to rendering a decision in the case. The student may also request of the dean that such an advisory panel be formed.

If the issue remains open at the end of the quarter, the instructor is to give the student an "I" grade in the course until all issues are resolved. Once the dean has made a decision on the case, the student's right of appeal is to the Vice President for Academic Affairs.

**General Distribution Requirements**

A wide distribution of academic areas should be a part of a formal university education. For that reason, the following distribution requirements must be satisfied over the four-year period by the completion of 60 hours with at least eight hours in each of these five areas:

**Area I—English Composition**
Freshman English

**Area II—Fine Arts and Humanities**

**Area III—Mathematics and Quantitative Methods**

**Area IV—Natural Sciences**
Astronomy, Biology, Botany, Chemistry, Geology, Microbiology, Natural Sciences, "Introduction to Oceanography," Physics, Physical Science, Zoology

**Area V—Social and Behavioral Sciences**

Acceptable in the total of 60 quarter hours but not part of any of the five areas:

Senior Seminar—a general elective open to Sophomores, Juniors, and Seniors; The Teacher in a World of Work; and Use of the Library.

Since each college may recommend specific courses for the satisfaction of each area, students should consult the distribution requirements as listed in each college section of the catalog.

All standard transfer† A.A. degree holders (from in-state or out-of-state accredited institutions) will be considered as having met our General Distribution Requirements and 90 quarter hours of work will be transferred. The determination of the prerequisites for a given academic program will remain the prerogative of the college in which the student is majoring.

Courses required for a student's major program** will not be counted in the total of 60 hours although areas of the general distribution requirements may be waived where appropriate.

No more than 12 hours in a single department may be counted toward distribution requirements for any area.

A student may appeal to the Coordinator of Advising in his or her college for exceptions to these courses prior to registration in such courses.

A student must check with his/her college to be sure he/she is meeting general distribution requirements and special certification or accreditation requirements where appropriate.

* College of Engineering is unable to accept these courses as a part of its engineering accredited program.
** Major Program

a. Specialization: Those courses required to give the student academic concentration and baccalaureate identification such as Mathematics, Accounting, Psychology, etc.

b. Supporting or Related: These courses may be prerequisites to the specialization courses, or they may support specialized courses by giving preparation or breadth to the area of specialization. These courses are often referred to as college or program core courses.

c. Program Electives: These are usually a broad band of courses offered by the college offering the major to further enrich the student in the general academic field of the major.

† As defined in the Florida Statewide Articulation Agreement.

Note: Education majors must take courses in at least two different departments under Areas II and V.

---

Hamilton Center, Sarasota Campus
Freshman English Requirement in Freshman Year

All first-time-in-college students are required to take Freshman English in accordance with the following conditions:

1. First-time enrolled students (a) who do not intend to take the CLEP Freshman English Test or (b) who have been notified of failing CLEP prior to registration and who do not intend to attempt the examination a second time, must take ENG 101 the first quarter, ENG 102 the second quarter and ENG 103 the third quarter of their freshman year. If one of the courses is failed, that course must be repeated the very next quarter and the remaining courses attempted in immediately subsequent quarters.

2. First-time enrolled students (a) who have not taken CLEP prior to their arrival on campus or (b) who have failed but wish to repeat the test, must attempt CLEP during their first quarter on campus. During this quarter they should not enroll in ENG 101. If the examination is failed or not attempted during the student's first quarter, he must take ENG 101 during his second quarter and ENG 102 and 103 in the immediately subsequent quarters until the total requirement is fulfilled. In this case, he will complete the sequence by the first quarter of his sophomore year.

These policies do not apply to first-time enrolled students who can meet the Freshman English requirement with credit transferred from another institution.

Credit by Examination

A student who feels he has already acquired the basic content of a course on his approved schedule should inquire about credit-by-examination. Some exams are offered through the College Level Examination Program (CLEP) and others may be offered within departments. Interested students should obtain additional information from their advisers or the Office of Testing and Advanced Placement.

Graduation Requirements—Baccalaureate Degree

University Requirements

While each college sets specific requirements for graduation, the basic University requirements must be met by every student upon whom a degree is conferred. These basic requirements specify that a student obtain at least 180 quarter hours of credit with at least a "C" average for all University of South Florida courses attempted in order to be eligible for graduation. At least 60 of his quarter hours must be for upper division level work (courses numbered 300 or above).

In addition to specific requirements of their major and College, candidates for Graduation must also satisfy the University General Distribution Requirements and be recommended for graduation by the dean of the college granting the degree.

Major Fields of Study

The University of South Florida offers curricula leading to the baccalaureate degree in the following fields. The degree is indicated in parenthesis after each college; the major code, after each major.

College of Arts and Letters: (B.A.)

American Studies (AMS)
Anthropology-Linguistics (ANL)
Classics (CLS)
Classics and Foreign Language (CLM)
English (ENG)
English-Linguistics (ENL)
Foreign Language-Linguistics (FLL)
Foreign Languages (combination) (FOL)
French (FRE)
German (GER)
Humanities (HUM)
Italian (ITA)
Liberal Studies (ALA)
Mass Communications (COM)
Philosophy (PHI)
Religious Studies (REL)
Ancient Studies (ANC)
Russian (RUS)
Spanish (SPA)
Speech Communication (SPE)
Speech Communication-English (ENS)
Speech Communication-Theatre Arts (STA)

College of Business Administration: (B.A.)

Accounting (ACC)
Economics (ECN)
Finance (FIN)
Management (MAN)
Marketing (MKT)

College of Education: (B.A.)

Art Education (EDA)
Botany Education (BOE)
Business and Office Education (VBU)
Chemistry Education (CHE)
Classics and Ancient Studies Education (CLE)
Distributive Education (VDE)
Elementary-Early Childhood (EEC)
Elementary Education (EDE)
English Education (ENE)
Exceptional Child Education
Emotionally Disturbed (EMD)
Mental Retardation (MRD)
Specific Learning Disabilities (SLD)
Foreign Language Education (FOE)
Health Education (HEN)
Humanities Education (HUE)
Industrial-Technical Education (VIT)
Library-Aud iovisual Education (EDL)
Mass Communications-English Education (MCE)
Mathematics Education (MAE)
Music Education (EDM)
Physical Education (EDP)
Physics Education (PHE)
Science Education (SCE)
Social Science Education (SSE)
Speech Communication-English Education (SEE)
Zoology Education (ZOE)

College of Engineering:

Engineering (EGU) (B.S.E.)
Engineering Science (EGC) (B.S.E.S.)
Engineering Technology (ETK) (B.E.T.)

College of Fine Arts: (B.A.)

Art (ART)
Dance (DAN)
Music (MUS)
Theatre Arts (TAR)

**College of Natural Sciences: (B.A., B.S.)**
- Astronomy (AST)
- Biology (BIO)
- Botany (BOT)
- Chemistry-B.A. (CHM)
- Chemistry-B.S. (CHS)
- Clinical Chemistry (CHC)
- Geology (GLY)
- Mathematics (MTH)
- Medical Technology (MET)
- Microbiology (MIC)
- Natural Sciences Interdisciplinary (INS)
- Physics-B.A. (PHY)
- Physics-B.S. (PHS)
- Zoology (ZOO)

**College of Nursing: (B.S.)**
- Nursing (NUR)

**College of Social and Behavioral Sciences: (B.A.)**
- Afro-American Studies (AFA)
- Anthropology (ANT)
- Criminal Justice (CJP)
- Economics (ECN)
- Geography (GPY)
- History (HTY)
- International Studies (INT)
- Political Science (POL)
- Psychology (PSY)
- Social Science Interdisciplinary (SSI)
- Sociology (SOC)

**Students’ Choice of Catalog**

In order to graduate from the University of South Florida, each student must meet all of the graduation requirements specified in the USF catalog of his/her choice. The student may choose any USF catalog published during his/her continuous enrollment. Students who have transferred from one Florida public institution to another are affected by the following Board of Regents policy:

“Graduation requirements in effect at the receiving SUS institution at the time a student enrolls at a Florida public institution of higher learning shall apply to that student in the same manner that graduation requirements apply to its native students provided the student has had continuous enrollment as defined in the SUS institution’s catalog.”

At the University of South Florida, continuous enrollment is defined as completing a minimum of two terms per year at USF, inclusive of receipt of grades for courses, through time of graduation. Therefore, students cannot choose a USF catalog published prior to or during an academic year in which they did not complete at least two terms.

Each catalog is considered to be published during the academic year printed on the title page.

If the student cannot meet all of the graduation requirements specified in the catalog of his/her choice due to decisions and changes by the University in policy matters, course offerings, etc., appropriate substitutions will be determined by the chairman of the department or program of the student’s major.

University policies are subject to change and apply to all students regardless of their choice of catalog. If the student’s graduation requirements are affected by changes in University policies, appropriate arrangements will be made to preclude penalization of the student.

**Repeat Course Work**

The hours for a course which has been repeated may be counted only once toward the minimum 180 quarter hours of credit required for graduation.

**Two Degrees**

Two degrees of the same rank, e.g., B.A. and B.S., will not be conferred upon the same individual unless the second degree represents at least 45 credits of additional work with the necessary requirements of the college awarding the degree and the residency requirement.

**Second Baccalaureate Degree**

(first received at another institution)

Students already graduated from accredited four-year institutions who apply for admission to work toward another undergraduate degree must meet the University’s regular graduation requirements. A minimum of 45 quarter hours must be earned in on-campus courses to apply toward his degree and the student must meet the requirements of the college awarding the degree and the residency requirement.

**B.A. Degree for Medical and Dental Students**

Students who are admitted to a medical or dental school after completing their junior year at USF may be awarded the B.A. degree in Interdisciplinary Natural Sciences from the College of Natural Sciences. (See College of Natural Sciences on page 77.)

**Academic Residence**

Candidates must be recommended for graduation by the dean of the college granting their degree and must have completed at least 45 hours of the last 90 hours of their undergraduate credit in on-campus courses. The approval of the dean of the college granting their degree must be secured for any transfer credits offered for any part of these last 90 hours.

Exceptions to the above rules are students who are enrolled at other universities on approved exchange programs, Cooperative Education students enrolled in other institutions (prior approval having been secured from their USF advisers) while on their training periods, and students taking correspondence work from the University of Florida.

Candidates at the graduate level should refer to the residency requirements on page 41.

**Application for Graduation**

To be considered for graduation, a student must submit an “Application for Degree” to the Office of Records & Registration within the first 15 class days of the term in which he expects to graduate. The application form is available in the Office of Records & Registration. (Inquiries regarding approval or denial should be made to the colleges.)

A student applying for a second undergraduate major must do so within the same deadline set for applying for a degree.

**Double Undergraduate Major**

Students may elect to graduate with two majors. In that event, they must apply independently to each college and be assigned an adviser in each discipline. The student must meet all requirements of each major separately and must be certified for graduation by the appropriate dean(s).

**Second Undergraduate Major**

Once a student receives a specific undergraduate degree (e.g., B.A., B.S.) at the University of South Florida, he/she cannot
receive a second identical degree. However, the student may apply to work for a second major through the Admissions Office. (Exceptions to this rule are students who had been accepted for a “Double Undergraduate Major” but graduated with only one major.) A student may not work on a second undergraduate major if he/she has been accepted into a graduate program. After acceptance by the appropriate college and proof of completion, the student’s “permanent academic record” will be posted accordingly.

**Commencement**

Commencement ceremonies at USF are held once a year in June, following the end of the Spring quarter. All students who have graduated the previous Summer, Fall, and Winter quarters and candidates for degrees for the Spring quarter are eligible to participate. Information for those eligible will be mailed to them during the Spring quarter. If information has not been received by early May, the student should contact the Office of Records & Registration. Undergraduate students who anticipate graduating the subsequent Summer quarter may participate but must contact the Office of Records & Registration for information.

**Honors at Graduation**

The policy of Honors at Graduation is in the process of revision. For details, please communicate with the Registrar’s Office.

**Graduation Requirements—Graduate Programs**

“Division of Graduate Studies.”

**Certification Requirements—Associate of Arts**

Application for the Associate of Arts certificate is obtained from the Office of Records & Registration prior to the application deadline. The certification must be awarded prior to the student’s accumulation of 135 credit hours. Detailed instructions to determine the student’s eligibility to receive the A.A. certificate are included with the application form.

The awarding of the Associate of Arts certificate does not alter the calculation of the grade point average. Certification for the A.A. in no way affects what the individual colleges required for the completion of the major for a bachelor’s degree.

**Limited Access Student Records**

5. Student Permanent Academic Records (from which transcripts are made)
6. Student Placement Records

Except as required for use by the president in the discharge of his official responsibilities, the custodians of limited access records may release information from such records only upon authorization, in writing, from the student, or upon order of a court of competent jurisdiction.

**Release of Student Information**

Pursuant to requirements of the Family Educational Rights and Privacy Act (the “Buckley Amendment”), the following types of information, designated by law as “directory information,” may be released via official media of the University of South Florida (according to USF policy): Student name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended.

The University Directory, published annually by the University, contains only the following information, however: Student name, local and permanent address, telephone listing, classification, and major field of study. The Directory, and other listings of “directory information” are circulated in the course of University business and, therefore, are accessible to members of the public, as well as to other students and members of the faculty and staff. NOTE: General release of the aforementioned types of “directory information” is accomplished pursuant to USF policy. USF policy prohibits use of such information for commercial purposes.

Students must inform the USF Office of Records and Registration, in writing (on forms available for that purpose), if they refuse to permit the University to release “directory information” about them without specific prior consent. Notification to the University of refusal to permit the release of “directory information” will result in the University’s releasing to anyone except as provided by law. Such a decision may result in a student’s name not appearing in lists of honor students, candidates for graduation, athletic programs, news releases and the like. Therefore, students are encouraged to give this matter careful consideration before making the decision. Once made, the decision will remain in effect forever— or until notification is received by the Office of Records and Registration, in writing, to the contrary.

Notification to the University of refusal to permit release of “directory information” via the University Directory must be received by Friday, October 3, 1975.
Special Academic Programs

USF-HCC Cross Enrollment

Some undergraduate students may find it advantageous to cross enroll at Hillsborough Community College and the University of South Florida. Procedures have been developed to permit USF students to register on the USF campus for HCC courses. The USF student's advisor must approve HCC courses as being appropriate for his academic program. While the grade point average earned at HCC will not transfer to USF, credit for the courses taken will apply toward graduation.

Those wishing to cross enroll at USF and HCC should contact their adviser for supplemental information.

HCC students may also cross enroll at USF under similar procedures and should contact their HCC advisers for additional information.

Bachelor of Independent Studies

External Degree Program

The Bachelor of Independent Studies (BIS) Program is an adult oriented, external degree program for individuals whose life styles preclude attendance at regular classes. The BIS student proceeds at his own pace, and for the most part, in his own setting. The exception is the seminars which require periodic, short-term residence.

The curriculum consists of interdisciplinary studies which are divided into four areas: the Humanities, Natural Sciences, Social Sciences and Inter-area Studies.

The student approaches the first three areas of study via guided independent study and a seminar. Directed reading or independent study requirements represent long term involvement as compared with the short term duration of a seminar. The first three study areas are in free standing order. The student is encouraged to start in his area of strength.

Studying in absentia and usually on a part time basis, the student engaged in independent study relates with a faculty adviser who furnishes directions regarding reading assignments, methods of reporting, and other study projects. The student demonstrates that he has attained the level of proficiency required for completion of independent study in a particular area through the satisfactory completion of an area comprehensive examination. The exam may be taken on or off campus.

When certified as eligible for a seminar, the student is invited to attend a three week seminar in conjunction with each of the first three study areas (Humanities, Natural Sciences, and Social Sciences). Seminar residence requirements, in other words, add up to a total of nine weeks of periodic residence on the USF campus. Each seminar represents a period of intensive residential learning under the direction of a team of faculty members.

The fourth area of study, or inter-area studies, represents an opportunity to integrate the various insights gained from the first three study areas. Fourth area study is essentially a thesis-oriented experience.

Applicants must qualify for admission to the University of South Florida and for admission to the External Degree Program. The USF Director of Admissions rules on the admission of an applicant to the University. The BIS Committee rules on admission of an applicant to the BIS Program.

Fees for the BIS Degree Program are as follows:

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Fee</td>
<td>$15.00</td>
</tr>
<tr>
<td>Pre-Enrollment Procedures</td>
<td>60.00</td>
</tr>
<tr>
<td>1st Study Area</td>
<td>$300.00</td>
</tr>
<tr>
<td>Independent Study</td>
<td>$300.00</td>
</tr>
<tr>
<td>Seminar</td>
<td>$300.00</td>
</tr>
<tr>
<td>2nd Study Area</td>
<td>$300.00</td>
</tr>
<tr>
<td>Independent Study</td>
<td>$300.00</td>
</tr>
<tr>
<td>Seminar</td>
<td>$300.00</td>
</tr>
<tr>
<td>3rd Study Area</td>
<td>$300.00</td>
</tr>
<tr>
<td>Independent Study</td>
<td>$300.00</td>
</tr>
<tr>
<td>Seminar</td>
<td>$300.00</td>
</tr>
<tr>
<td>4th or Inter-area Studies</td>
<td>$650.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$2,525.00</td>
</tr>
</tbody>
</table>

*Please note that the fees listed do not include such additional expenses as books, travel, and living expenses during seminars.

Students may not transfer credits into or out of the BIS Program. Program policy does provide for recognition of prior learning which may have been achieved through formal study, leisure time reading, life or work experience, or a combination of these. More specifically, applicants who can demonstrate sufficient competence may waive up to a maximum of two areas of guided independent study. Applications for waiver are processed following completion of the pre-enrollment procedures. Those who take an area comprehensive exam for waiver will be assessed a fee of $75.00. Applicants who have sufficient competence in some but not all of the disciplines in a study area receive advanced placement or an abbreviated reading program based on the individual's background and needs. The concept of advanced placement is implemented by the study area adviser following the student's enrollment.

The BIS Program is academically responsible to the Vice President for Academic Affairs through the BIS Committee. Brochures are available on request. For further information, write: Director, BIS Program, University of South Florida, Tampa, Florida 33620.

Your Open University (Y.O.U.)

Y.O.U. is a University program by which individuals, regardless of previous educational background, can earn credit through the use of television, radio, and other educational media in their own home. This innovative method for learning is designed to bring the maximum convenience to students and provide learning opportunities for those unable to attend the University under normal circumstances.

Y.O.U. courses are broadcast over WUSF(FM)-TV in the late afternoons and evenings. Each lesson is repeated. Most cable television systems in this area carry Y.O.U. programs.

Y.O.U. credit courses are considered the same as other courses offered on campus and fees are the same.

Course offerings are published quarterly. For further information, interested persons should contact the Y.O.U. administrative office of the University.

College Level Examination Program (CLEP)

The University grants course credit for satisfactory performance on many of the College Level Examinations. The required performance level and specific examinations are subject to change; therefore applicants should contact the Office of Testing and Advanced Placement for further detailed information.

The following regulations refer to the application of this program:

a. A student may not receive both transfer credit and CLEP credit in the same area.

b. The student cannot receive credit by way of CLEP if he has already taken courses at an institution of higher learning covering the area of concern.

Advanced Placement Credit Program

The University of South Florida participates in the Advanced Placement Program conducted by the College Entrance Examination Board. Participation in this advanced placement program does not affect the University's regulations concerning waiver, credit by examination, independent study, or other provisions for the advanced placement of qualified students. For additional information, contact the Office of Testing and Advanced Placement.

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Independent Studies</td>
<td>650.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2,525.00</td>
</tr>
</tbody>
</table>
Independent Study

Graduate or undergraduate students wishing to take a course by independent study must contact the instructor of the course for permission. The instructor specifies the requirements to be completed by the student including tests, periodic class attendance, term papers, etc.

Not all courses in the University can be taken by independent study. The respective colleges have jurisdiction in the determination of which courses may be taken in this manner.

The regular grading system applies to all independent study students. Grades earned by independent study have the same status as those acquired through regular class attendance. Students taking a course by independent study must register for the specific course section in the regular manner.

University of Florida Correspondence Courses

Because the University of Florida has been designated as the only institution in the State University System to offer correspondence courses, the University of South Florida will consider such courses as resident credit. Grades earned, however, are not transferrable. Exception: Grades for University of Florida correspondence courses taken by Cooperative Education students will be computed in their University of South Florida grade point average.

Enrollment in Evening Courses

Evening courses at the University of South Florida are considered a part of the regular academic program; they are offered at times convenient to people within commuting distance who wish to continue their education at night while occupied during the day with other responsibilities. Requirements for evening courses are the same as those for the regular academic program.

Continuing Education

The University of South Florida, Center for Continuing Education, serves an ever widening community with a variety of credit and noncredit Public Service programs and special activities designed to meet individual and organizational educational needs. Programs are offered in many locations but are coordinated from the Center for Continuing Education's Offices located on the Tampa campus, the St. Petersburg campus, and in Sarasota.

Credit Courses: For a discussion of the credit course offerings, refer to page 16.

Noncredit Programs: A variety of noncredit educational programs (conferences, workshops, seminars, short courses, etc.) of varying lengths are scheduled throughout the year, making it possible for the University to serve greater numbers of adults with richer and more diversified programs. The programs vary in length from one day to ten weeks, and the subject matter is concentrated as needed for the group being served. The Continuing Education Unit (CEU) is recorded for all noncredit programs and special activities conducted by the University. The CEU is awarded to participants in select programs sponsored by Continuing Education and approved by an academic unit. Transcripts indicating awarded CEU's are available on request.

The Center for Continuing Education develops programs for business and industry, government, professional, civic, and service groups. A variety of instructional methods are used to assure maximum participation in the educational programs. Distinguished faculty members from the several colleges of the University, faculty from other institutions of higher education, as well as national and international resource persons, serve as consultants, instructors, and lecturers for the programs.

Professional program coordinators are available to provide technical assistance in program planning, budget preparation, and evaluation, and to assist organizations in developing programs consistent with the needs of the group and the overall educational objectives of the University.

The Center also offers a number of programs and courses designed to meet various educational needs of individuals. Emphasis is placed upon quality classes for professional advancement, personal improvement, and cultural enrichment.

Registration in these classes is open to all adults with a desire for knowledge and interest in the subject matter.

Special Student Enrollment

Individuals wishing to register for courses but not working for a degree may enroll as "Special" students. For detailed information, refer to page 15.

Cooperative Education

The University of South Florida participates in a Cooperative Education Program in which students can combine their formal education with an occupational experience. For description of the program, refer to page 23.

Special Student—Dual Enrollment

Dual enrollment in USF classes is open to academically qualified students currently enrolled in high school. For detailed information, refer to page 15.

Early Admission

Early admission is open to qualified high school students who wish to enter the University of South Florida as regularly enrolled students prior to high school graduation. For detailed information refer to page 14.

Courses by Newspaper

This project, originated by University Extension, San Diego, California, presents a series of articles written by distinguished scholars on various aspects of American concerns. The articles are published weekly in cooperating Bay area newspapers. Persons who enroll for credit purchase a supplementary kit containing further readings, a study guide, and a bibliography. In addition, participants meet with a local academic coordinator in two three-hour sessions of discussion and examinations, at the midpoint of the course and at the end. These meetings will be held in several Bay area locations, and registrants will be notified in advance of the scheduled meetings in the location most convenient to them. For further information, contact the office for American Studies.

Upward Bound

Upward Bound is a pre-college preparatory program designed for secondary school students with academic potential who are underachievers and desirous of attending college.

To qualify the applicant must meet the following criteria:
1. Family income must meet established federal guidelines.
2. Student must have completed the tenth grade and be presently enrolled in the eleventh grade in a high school.
3. Student should have approximate grade point average of C.

Applications should be forwarded to Director, Project Upward Bound, University of South Florida.

Off-Campus Term Program

The Off-Campus Term (OCT) Program offers a program of experience-study whereby all students are encouraged to spend at least one quarter engaged in individual educational pursuits away from the University campus. Students are offered a wide...
variety of opportunities for self-designed and self-implemented experience for academic credit. For example, students may become involved in social action projects, international travel or study, independent research-study, work, or internship projects, and many other personalized projects—all off campus and all for academic credit.

While most student activities are individually designed and implemented, the OCT Program also provides for some group projects. Foremost of these are four to six credit hour, faculty-led, short term group projects in Jamaica several times annually and Urban Survival projects for 12 to 16 hours credit in New York City or any other urban area. The latter projects involve intense urban interaction and living in an inner-city hotel at most favorable student rates.

Academic credit is earned by students while engaged in off-campus activities through the OCT Program. The number of hours of credit varies according to student interest and proposed activities. Students may enroll and pay fees for variable hours of credit from 1 to 5. Academic credit activities are designed around the basic off-campus experiences for the most part and projects resulting in academic credit are designed by the student and supervised by OCT or other appropriate faculty. Credits may be earned which apply towards general education and elective requirements. Credit may also be earned in the major field of study in many cases.

The OCT Program has a variety of course projects designed specifically for implementation entirely off-campus using the community and its people as the learning resource. Examples of such offerings are 3-5 hour projects each in (1) environmental interactions and (2) inter-cultural interactions, 4-hour project in international interactions, 3-hour projects in volunteer, community service activities, and others. These courses are the foundation of each student's academic plan, supplemented with a project in the major field of study in many cases.

Students may participate in the OCT Program anytime beginning with the freshman year through the final quarter prior to graduation. Good standing in the University and a 2.0 grade average is required for acceptance into the Program. The OCT Program operates throughout the entire year and students are urged to plan their off-campus experiences during the fall through spring quarters to avoid the traditional rush common to the summer term. Early action is urged since quotas are placed on the number of participants accepted each term.

Elective Physical Education

This program provides the student with opportunities for identifying developing and assessing various forms of vigorous movement which can contribute to his educational experience and personal betterment.

Courses include well-known sports as well as individual assessment activities and special courses to prepare the interested student with skills and techniques applicable for conducting or directing community activities related to sport and movement.

All Elective Physical Education (PEB) courses are graded S/U.
Exchange Programs

National Student Exchange

The University is affiliated with the National Student Exchange (NSE) which permits undergraduate students to study for up to one year in another public university as part of their program at the University of South Florida. These exchanges can occur only at universities which are part of the National Student Exchange.

In addition to the University of South Florida, other universities participating in this program are California State College at Bakersfield, Moorhead State College (Minn.), Morgan State College (Md.), Colorado State University, Montana State University, Oregon State University, South Dakota State University, Paterson State College (N.J.), Towson State College (Md.), Rutgers University, West Chester State College (Pa.), and the universities of Alabama, Hawaii (Hilo and Manoa), Idaho, Massachusetts, Maine (East Kent and Portland-Gorham), Montana, Nevada (Reno), and Oregon. New entries include Bowling Green State, and the universities of Alaska, Delaware, and Utah. The number of participating schools increases each year so this list must not be considered complete. An up-dated listing is maintained by the NSE Office.

Under the National Student Exchange program, University of South Florida students apply for exchange status at their home campus. To qualify, students must be in their sophomore or junior year while at the exchange school, and have a 2.5 grade point average. They pay in-state fees at the host campus and the credits and grades transfer back to the University of South Florida upon completion of the exchange.

Application deadlines for September exchange is March 1 annually. Thereafter, no applications for exchange are processed until September for mid-year exchanges if such are possible. Students are urged to apply early as there are quotas established for participation in the NSE Program. The NSE Program is coordinated by the Off-Campus Term Program. The OCT Program maintains a library of materials about the program and the member institutions involved in the NSE Program. Interested students should contact the Director of the Off-Campus Term Program for information and application.

University of Maine Exchange Program

The College of Education operates a student exchange program with the University of Maine, Farmington. This program provides opportunities for upper division students to exchange residence at both campuses. The student exchange provides a waiver of out-of-state tuition. University credit earned is applicable towards graduation. Students desiring further information should contact the coordinator of student activities in the College of Education.

Study Abroad Programs

USF students are eligible, if they meet the specific academic requirements, for enrollment in a wide variety of study abroad programs sponsored by the Florida State University System as well as by certain other U.S. colleges and universities, national educational organizations, and foreign institutions of higher learning.

Programs of the Florida State University Systems are listed below.

- Administered by the University of South Florida: year abroad program at the University of Paris VII, Paris, France.
- Administered by the University of Florida: year abroad program at the University of Utrecht in the Netherlands; year abroad program, University of the Andes, Bogota, Colombia.
- Administered by the Department of Modern Languages, University of South Florida: one or more quarters each academic year at the National University of Mexico, Mexico City.

Through USF's institutional membership in the Institute of International Education, the Council on International Educational Exchange, and the American Association of State Colleges and Universities, students may participate in study abroad programs in France, Spain, Italy, Mexico, Canada, and other countries.

Students who prefer independent study abroad, rather than the formal institutional programs, may do so through the Off-Campus Term. The Off-Campus Term also offers an intersession program in Jamaica which is conducted three times each calendar year.

The programs described in this section are approved exchange programs and will be considered toward on-campus credits. Students who plan to participate in study abroad programs should consult their departmental advisers well in advance to determine whether the course of study they plan to pursue will be acceptable for meeting other degree requirements.

Information about these and other programs, as well as advising on study abroad, may be obtained from the Overseas Information Center in the College of Social and Behavioral Sciences.

Florida College Exchange Program

Through an exchange agreement, students of the University of South Florida, with the approval of their advisers, may elect courses in Greek, Hebrew, Bible, or religious education at nearby Florida College. Credit for acceptable work may be transferred to the University and counted as elective credit toward graduation. Students from Florida College have a similar transfer arrangement.

Costs for students under these dual enrollment plans are based on credit hours of work taken, and payment is made to the appropriate institution in accordance with its per-hour fee rate.

Traveling Scholar Program

The University System of the State of Florida has a Traveling Scholar program which will enable a graduate student to take advantage of special resources available on another campus but not available on his own campus; special course offerings, research opportunities, unique laboratories, and library collections. For procedures and conditions, refer to page 42.

Academic Support and Services

University Library

It is important that a library take into account not only the books on its shelves but also the people it serves. This point of view is central in the philosophy of the University of South Florida Library. A library is good, not because of the volumes it has, but because it is used by people who derive personal bene-
The new Medical Center

aged to pursue research activities and many students participate in research and training projects supported by funds awarded to the University by public and private granting agencies.

All students have the opportunity to become familiar with the Library holdings by browsing in the stacks.

A descriptive guide to the Library and its services will be available and the Library staff will conduct orientation sessions to enable students to become familiar with the library facilities.

Division of Sponsored Research

Research is an important aspect of the educational programs of the University of South Florida. Faculty members are encouraged to pursue research activities, and many students participate in research and training projects supported by funds awarded to the University by public and private granting agencies. Research is integrated with the instructional program.

The Division of Sponsored Research is the central coordinating unit for research and other sponsored educational activities on the campus. It provides information about granting agencies and serves as a consultation center for faculty who desire help in drafting research proposals. All proposals seeking outside support are transmitted by this office.

Although the Division of Sponsored Research operates primarily for the benefit of the faculty, students who have an appropriate interest in research are welcome to visit the office.

From its beginning, USF faculty and staff have been active in the search for new knowledge and actively concerned about the world in which they live. Supported by private and public grants, they have pushed back the frontiers of current knowledge and applied their findings to the solutions of pressing contemporary problems. Since 1960, they have attracted over $38 million in grants, totaling more than $38 million, and have generated over 10,000 separate scholarly and creative contributions to human knowledge and understanding. Many of these projects were basic research; others involved the practical application of new knowledge to improve the quality of life in this area; still other projects made the special training and knowledge of USF faculty and staff available to elected political leaders, organizations working for social betterment, religious and educational institutions, and businesses large and small.

But such “academic” involvement in community affairs pays dividends to the university, too. When scientists or social scientists or experts in marketing or business administration share their specialized knowledge in resolving community problems or questions, they become better teachers themselves.

Educational Resources

The Division of Educational Resources offers the following services for USF faculty, staff and students:

Audio-Visual Services provide equipment and instructional material for classroom use, University events and other functions. Such equipment includes public address systems, tape recorders, and projectors of all kinds. Various types of audio-visual equipment can also be rented.

Production Services. Graphic, photography, and cinematography services for use in the classroom as well as the overall University program are produced here.

WUSF (FM), is a stereo, public radio station operating on 89.7 mKz, and serves the University and surrounding communities within a 17 county area. It is an affiliate of National Public Radio Network.

WUSF-TV (Channel 16), is a public, non-commercial UHF television station, serving the University and the communities of the nine surrounding counties. It is an affiliate of Public Broadcasting Service.

The new Medical Center
Instructional Materials Center maintains a collection of records, filmstrips, filmloops, tapes, transparencies, maps, slides, and a curriculum library of elementary and secondary instructional materials. All items circulate to students and staff for study and recreational use.

Film library is maintained to support instruction. Preview, booking, scheduling, and showing of films are offered. Films not a part of the University Film Library should be requested from other sources through this agency.

Learning Laboratory. A dial-access audio-visual laboratory is available for instructional purposes. Over 190 different audio programs are accessible at one time. Video tapes, 16mm films, slides and television programs make up the 12 video sources available in the laboratory. These programs may also be channeled to on-campus classrooms via the closed circuit capabilities of the Learning Laboratory.

Computer Research Center

The University is the host institution for a large scale digital computer facility which provides administrative, instructional and research computing support for the University of South Florida and for Florida Technological University at Orlando. This combined operation has been designated as the Central Florida Regional Data Center within the State University System.

The Computer Research Center makes computing services available to users through its Office of Services, which establishes the required user project identifications, through Instruction and Research consultants, and, in the data systems area, through project teams consisting of systems analysts and programmers. The staff also includes keypunch and computer operators and systems (software) technical specialists. The Center operates as a service facility, is centrally funded, and makes no charge for normal consulting and processing services.

Computing equipment includes a IBM 360/65 system, a plotter, remote batch job entry stations and other on-line keyboard terminals at various locations, in addition to tape and disk storage units at the central site. Remote access units are also located at the St. Petersburg campus. The Center, occupying the second floor of the Science Center, maintains keypunch, sorter and electronic calculators in “open use” areas to enable students and faculty to prepare and check their programs and data. These areas are accessible in general on a 24-hour basis each day.
The Division of Graduate Studies is administered by a Director who coordinates the admission of graduate students to the University, advises on the budgetary request and internal allocation of state funds for the support of graduate training, administers graduate scholarships and fellowships, allocates graduate out-of-state waivers, and certifies final approval of all graduate theses and dissertations.

Admission to Graduate Study

Graduate students are advised to apply early as the University accepts applications one year in advance. Applications for which all credentials are not received by the deadline (see academic calendar pages 4-5) will not be accepted for that term. Some departments have different, earlier deadlines than those listed on pages 4-5. Students should check the requirements for the specific programs in which they are interested. A $15 non-refundable application fee must accompany the application unless the student has been previously enrolled and paid the fee at the University.

The minimum requirements for admission to graduate studies include:

1. A baccalaureate degree or its equivalence from an accredited college or university. This requirement may be waived for students accepted into certain approved programs which lead directly to graduate degrees.

2. A "B" average (3.0 on a 4 point scale) or better in all work attempted during the last two years of undergraduate work (Junior and Senior years) or a total score of 1000 or higher on the Graduate Record Examination Aptitude Test. Applicants for the College of Business Administration (except Economics) must submit a score of 450 or higher on the Graduate Admission Test Management in lieu of the GRE. Test scores are required of all applicants, even though admission may be based on undergraduate grades. The GRE is given six times a year at a multitude of centers in the U.S. and in many foreign countries. Candidates must register for this examination at least four weeks in advance of the test date and should allow six weeks for the receipt of their test scores.

3. Acceptance by the college and the program for which the student is applying including satisfaction of any additional requirements listed by the specific program.

A student's acceptance to graduate standing is granted for the quarter and for the particular program specified in the official acceptance notification. In the event that a student wishes to change the date of entrance, he/she must notify the Office of Admissions of his/her intention to do so. Failure to enroll during the specified quarter without notifying the Admissions Office will result in the cancellation of the admission and will necessitate re-application.

A graduate student enrolled for work in a program who wishes to change to another program must make formal application through the Office of Records and Registration.

On completion of one graduate degree, a student wishes to begin work on another advanced degree at USF, he/she must reapply at the Office of Admissions.

Procedure for Applying

1. Applicants must submit application and fee prior to the deadline.

2. Two official transcripts from every institution of higher learning attended must be submitted directly to the Office of Admissions.

3. Admissions test results are required from every applicant. These must be sent directly to Graduate Admissions Office from the testing agency.

   a. Graduate Record Examination Aptitude Test. All applicants except those applying to Business Administration (see below), must submit scores from the GRE aptitude test taken within 5 years preceding application.

   b. Graduate Management Admission Test (GMAT). All applicants to Business Administration, except those applying to Economics, must submit scores from the GMAT. Those applying to Economics must submit scores from the GRE aptitude test (see above).

Foreign Students

Foreign students requesting an application will be sent preliminary information forms. Upon receipt of these forms, the Library patio
Admissions Office will review the provided information and determine whether the student meets the minimum requirements for admission to USF in his/her major field. If minimum requirements are not met for admission, the applicant will be advised of this by the Admissions Office, and the application process will be terminated at that point. If the student does meet the minimum admission requirements, the Admissions Office will forward a formal application with additional instructions and information. A complete admission application should be received by USF at least 6 months prior to the desired entering date, together with the non-refundable $15.00 application fee. Submission of a formal application does not automatically guarantee admission. Priority in admissions will be given to those applicants whose potential indicates the greatest likelihood of success in the program requested.

For all foreign students the following items are required as part of the formal application:

a. Completed application.
b. A $15.00 non-refundable fee submitted with the application.
c. Letters of Recommendation:
   1. One letter from the last institution attended to the Director of Admissions.
   2. Three letters of recommendation sent directly to the program to which the student applied, attesting academic performance and capability.
d. A certificate of financial ability. All foreign applicants must furnish proof of financial resources sufficient to cover travel to and from the United States, tuition, fees, room and board, and other expenses for the full academic year.
e. All applicants whose native language is not English are required to submit scores from the Test of English as a Foreign Language (TOEFL). Applicants are responsible for making arrangements with the Office of Educational Testing Service to take that examination and to have their scores sent directly from Educational Testing Service to the Office of Admissions.
f. GRE/GMAT Test Scores: All applicants to the graduate school (except those applying to the College of Business Administration) must submit scores on the Graduate Record Examination (GRE). Graduate applicants to the College of Business Administration (with the exception of Economics) must submit scores from the Graduate Management Admission Test (GMAT). Applications for Economics must submit scores from the GRE.
g. Application and information for the required tests may be obtained from the addresses listed below.
   1. For information and to obtain an application for the Graduate Record Examination:
      Graduate Record Examination
      Educational Testing Service
      Box 955
      Princeton, New Jersey 08540, U.S.A.
   2. For information and to obtain an application for the Test of English as a Foreign Language:
      Test of English as a Foreign Language
      Educational Testing Service
      Box 899
      Princeton, New Jersey 08540, U.S.A.
   3. For information and to obtain an application for the Graduate Management Admission Test:
      Graduate Management Admission Test
      Educational Testing Service
      Box 966
      Princeton, New Jersey 08540, U.S.A.
   h. Foreign applicants must request all schools attended to submit directly to the Office of Admissions, University of South Florida, transcripts of all work attempted. These must be in their native language with copies certified and translated in English. For undergraduates, transcripts must include subjects and grades from the first year of secondary school to the time of application. Documents submitted will not be returned to the applicant or forwarded to another institution.

Special Students

Students who are qualified to enroll in specific graduate courses but who do not intend to work toward a graduate degree may enroll as special students. Special students may enter classes on a space available basis during the first week of each quarter by obtaining consent of the course instructor. Special students must meet all stated prerequisites of courses in which they wish to enroll. Certain classes are available only to degree seeking majors and may not be available for special students. No more than 12 hours of credit earned as a special student may be applied to satisfy graduate degree requirements. Any application of such credit must be approved by the degree granting college and must be appropriate to the program.

Those interested in enrolling as special students are urged to contact the Coordinator of Graduate Studies in the College offering the courses concerned for a description of requirements and procedures.

The Traveling Scholar Program

The University System of the State of Florida has a Traveling Scholar program which will enable a graduate student to take advantage of special resources available on another campus but not available on his own campus.

Procedure

A Traveling Scholar is a graduate student, who, by mutual agreement of the appropriate academic authorities in both the sponsoring and hosting institutions, receives a waiver of admission requirements and the application fee of the host institution and a guarantee of acceptance of earned credits by the sponsoring institution.

A Traveling Scholar must be recommended by his own graduate adviser, who will initiate a visiting arrangement with the appropriate faculty member at the host institution.

After agreement by the Director of Graduate Studies at the University of South Florida and the student's adviser and the faculty member at the host institution, Deans at the other institution will be fully informed by the adviser and have authority to approve or disapprove the academic arrangement.

The student registers at the host institution and pays tuition and registration fees according to fee schedules established at that institution.

Conditions

Each university retains its full right to accept or reject any student who wishes to study under its auspices.

Traveling Scholars will normally be limited to one Quarter on the campus of the host university and are not entitled to displacement allowance, mileage, or per diem payments. The sponsoring institution, however, may, at its own option, contribute to the financial support of the Traveling Scholar in the form of fellowships or graduate assistantships.

Graduate Assistantships and Fellowships

Teaching and Research Assistantships are awarded by the individual programs/departments. The Graduate Council of the University of South Florida awards fellowships for graduate students:

University Scholar—Support for outstanding first-year graduate students in any discipline with approved graduate programs.

Graduate Council—Support beyond the first year of graduate study for graduate students who have exhibited evidence and promise of creative potential. Applications are available from the Graduate Studies Office.
Fields of Graduate Study

Masters Degree Programs

College of Arts & Letters
- English M.A.
- French M.A.
- Linguistics M.A.
- Philosophy M.A.
- Spanish M.A.
- Speech Communication M.A.

College of Business Administration
- Accountancy M.Acc.
- Business Administration M.B.A.
- Economics M.A.
- Management M.S.

College of Education
- Administration & Supervision M.Ed.
- Art Education M.A.
- Curriculum & Instruction M.Ed.
- Elementary Education M.A.
- Exceptional Child Education M.A.
  - Emotionally Disturbed
  - Gifted
  - Mental Retardation
  - Specific Learning Disabilities
- English Education M.A.
- Foreign Language M.A.
  - French
  - German
  - Spanish
- Guidance M.A.
- Humanities Education M.A.
- Junior College Teaching M.A.
  - Astronomy
  - Biology
  - Business
  - Chemistry
  - Economics
  - Engineering
  - English
  - French
  - Geography
  - Geology
  - History
  - Mathematics
  - Physics
  - Political Science
  - Psychology
  - Sociology
  - Spanish
  - Speech Communication
  - Library-Audiovisual M.A.
- Mathematics Education M.A.
- Music Education M.A.
- Physical Education M.A.
- Reading Education M.A.
- School Psychology M.A.
- Science Education M.A.
- Social Science Education M.A.
- Speech Communication Education M.A.
- Vocational & Adult Education M.A.
  - Adult Education
  - Distributive Education
  - Business & Office Education
  - Industrial-Technical Education

College of Engineering
- Master of Engineering M.E.
- Master of Science in Engineering M.S.E.
- Master of Science in Engineering Science M.S.E.S.

College of Fine Arts
- Art M.F.A.
- Music M.M.

College of Natural Sciences
- Astronomy M.A.
- Botany M.A.
- Chemistry M.S.
- Geology M.A.
- Marine Science M.A.
- Mathematics M.A.
- Microbiology M.A.
- Physics M.A.
- Zoology M.A.

College of Social & Behavioral Sciences
- Anthropology M.A.
- Communicology:
  - Audiology M.S.
  - Aural (Re)Habilitation M.S.
  - Speech Pathology M.S.
- Criminal Justice M.A.
- Geography M.A.
- Gerontology M.A.
- History M.A.
- Political Science M.A.
- Psychology M.A.
- Rehabilitation Counseling M.A.
- Sociology M.A.

Intermediate Program

College of Education
- Education Specialist Ed.S.

Professional Program

College of Medicine
- Medicine M.D.

Doctoral Degree Programs

College of Arts & Letters
- English Ph.D.

College of Education
- Education Ph.D.

College of Medicine
- Medical Sciences Ph.D.

College of Natural Sciences
- Biology Ph.D.
- Chemistry Ph.D.
- Mathematics Ph.D.

College of Social & Behavioral Sciences
- Psychology Ph.D.
Members of the College of Arts & Letters study culture in the broadest meaning of the word. Language, literature, philosophy, the forms of communication, inter-disciplinary studies, and other humanistic subjects are studied not merely for their usefulness, but for their own merits, and for what they tell us about what is permanently and universally significant to mankind.

**BACCALAUREATE LEVEL DEGREE PROGRAMS**

**Admission to the College**

Requirements for admission to the College of Arts & Letters baccalaureate programs correspond to those of the University. The following departments and programs impose additional requirements: (1) *American Studies*: interview with program advisor; (2) *Liberal Studies*: (a) grade point ratio of 3.0 upon admission; (b) 30 to 100 hours upon application to the program. and (c) permission of Program Committee; (3) *Mass Communications*: grade point ratio of 2.5 upon admission.

**General Requirements for B.A. Degrees**

The degree of Bachelor of Arts will be conferred upon those who fulfill the University’s degree requirements.

**Degree Programs**

- **AMERICAN STUDIES**

  The American Studies major is designed for those students interested in studying the relationships among the important elements which shape American civilization. American Studies is a multi-disciplinary program drawing upon a variety of courses from outside the program and outside the college. A bachelor’s degree is available in American Studies.

- **ENGLISH**

  The undergraduate English program, a flexible curriculum that recognizes the individual interests of students, offers a wide variety of professional choices. Designed to provide a logical, balanced, and complete sequence of courses in English studies, the curriculum gives the student a choice of seven options (in addition to the English-Education sequences): (1) *English and American Literature: Early to Modern*; (2) *English and American Literature: Enlightenment to the Present*; (3) *World Literature*; (4) *General Literature*; (5) *American Literature*; (6) *Advisory Option*; and (7) *Creative Writing*.

- **FOREIGN LANGUAGES**

  Foreign Language major programs in Classics (Greek, Latin), French, German, Italian, Russian, and Spanish, are designed to meet the needs of students who desire competency in a language and an expanded understanding of its culture and literature. They are of particular interest to students who wish to teach languages, those who plan to further their studies in graduate school, and those who seek careers in various types of foreign or foreign-related employment.

- **HUMANITIES**

  The Humanities curriculum is an interdisciplinary program for students interested in the visual arts, music, and literature. Courses deal with the relationship among the arts and how this inter-action influences not only various civilizations today, but also how it has affected significant cultures of the past.

- **LIBERAL STUDIES**

  The College offers a Liberal Studies major for students who require a broad academic approach for realization of their conceived academic goals (or pre-professional purposes), goals which could not be ideally achieved through pre-defined curricula.

- **LINGUISTICS**

  Linguistics is primarily an upper-level (and graduate) discipline with strong interdisciplinary concerns. Three combined majors are available to undergraduates. The Anthropology-Linguistics sequence is designed for students who are especially interested in the role of language in human behavior and cultural development. The English-Linguistics major and the Foreign Language-Linguistics major are designed for students who are particularly interested in the role of linguistic studies in problems of grammar, composition, and literary structure and style in English or other languages.

- **MASS COMMUNICATIONS**

  Mass Communications offers a number of courses, essentially liberal arts in approach, which introduce students to the theories, principles, and problems of communications, emphasizing the concept of freedom of information as the cornerstone of Constitutional Democracy and preparing students for future leadership rather than yeoman roles in communications media. Graduates should understand the structure and functions of mass media systems as well as the basic processes of communication. In addition, students specialize in an area of mass communications (advertising, broadcasting, film, magazines, news-editorial, public relations, or visual communications) to blend a strong introduction to professional skills with the theoretical orientation.

  Majors seeking careers in the mass media will be directed to the various media with which the department maintains close tact for summer internships and parttime work.
- **PHILOSOPHY**

Philosophy is concerned with the nature of knowledge, the nature of the universe as a whole, and man's role in it. The program specifically includes five major areas of study: (1) history of philosophy; (2) value theory; (3) metaphysics; (4) logic and the philosophy of language, and (5) theory of knowledge.

- **RELIGIOUS STUDIES**

In Religious Studies, students are afforded a variously dimensioned field of study which hopefully facilitates an educated person's understanding of his presuppositions on the meaning of life, the nature of the religious-social milieu in which he lives, and the religious dynamic in human history. It also aims toward an understanding of the religious thought and life-styles of people possessing religious heritages other than the Judaeo-Christian heritages.

Majors in Religious Studies will find, in addition, courses designed to give depth in certain areas of religious investigation and to supply language tools and critical analysis methods which will prepare them for advanced graduate study.

- **SPEECH COMMUNICATION**

The Speech Communication curriculum provides courses for all students interested in increasing their understanding of human communication. It offers a major program in Speech Communication: the areas of communication skills and theory, oral interpretation, and speech science form the major content of this program. Two combined major programs are also offered: Speech Communication-English and Speech Communication-Theatre Arts.

- **GRADUATE LEVEL DEGREE PROGRAMS**

**Admission to the College**

Admission standards of the College of Arts and Letters graduate programs are those of the University; in addition, the candidate must apply to the specific department, which reviews each application and, in some instances, imposes additional requirements. Only those candidates acceptable to their proposed departments will be admitted to graduate study in the college.

**General Requirements for Graduate Degrees**

The degree of Master of Arts or Doctor of Philosophy will be conferred upon those students satisfactorily completing degree requirements of both the college and the University.
Degree Programs

■ ENGLISH

The department offers two graduate degrees: the M.A. and Ph.D. in English. Graduates of these programs are teacher-scholars with both specialized and general knowledge of the English language and its literature.

■ FOREIGN LANGUAGES

M.A. programs in French and Spanish are available to students wishing to pursue eventual doctoral studies in these fields as well as to teachers and specialists who wish to develop a higher level of competence in French or Spanish language and literature.

■ LINGUISTICS

Specialization in Linguistics is available through an M.A. degree. This is a program designed for (1) eventual doctoral students of (2) practitioners of applied linguistics.

■ PHILOSOPHY

The Department of Philosophy offers an M.A. degree for qualified students in history of philosophy, value theory, metaphysics, logic and the philosophy of language, and theory of knowledge.

■ SPEECH COMMUNICATION

An M.A. program in Speech Communication is available to students wishing to pursue eventual doctoral study in this field. In addition, teachers and specialists in Speech may enroll in the M.A. program to achieve a higher level of skill or specialization.

NON-DEGREE PROGRAMS

Certificate of Concentration

The Certificate of Concentration is a short-term goal program for adults who are interested in taking a series of courses in a selected area of Arts & Letters, but are not necessarily interested in a degree. The courses, on an undergraduate level, are offered to adults who may or may not have a degree. The Certificate of Concentration is awarded when a minimum of 25 hours has been completed in a given area or in a combination of areas. (In a combination of areas, 12 hours must be in one particular area.) It is a program that may be taken on a satisfactory-unsatisfactory or letter grade basis and may be applied toward an undergraduate degree in Arts & Letters. The Certificate of Concentration is designed for registration in the Special Student Category rather than the regular route of admission and registration.

■ HISTORY OF IDEAS

The program in the History of Ideas offers elective courses in the interdisciplinary study of ideas fundamental in Western cultural history, e.g. Progress, Utopia. The methods of philosophic and linguistic analysis are employed to the ends: (1) discerning how fundamental unit-ideas grow and develop logically and historically; and (2) discerning the scope of influence such ideas, once developed, may have in relation to other ideas and to action.

■ INTERDISCIPLINARY LANGUAGE-LITERATURE

Interdisciplinary Language-Literature offers courses of an interdisciplinary nature not housed in a specific department or program within the college. The primary objective of the courses is to aid the student in expanding his understanding of the interrelations among the various disciplines.
The College of Business Administration offers courses of study leading to both undergraduate and graduate degrees. These programs are designed to prepare individuals for business and government careers, and graduate education.

The undergraduate curriculum leads to a Bachelor of Arts degree. Programs in Accounting, Economics, Finance, Management, Marketing, and General Business Administration (an interdisciplinary business curriculum), are structured to accomplish the following objectives:

1. Give the student a broad foundation in general and liberal education, a thorough grounding in basic business courses, and some specific competence in at least one significant functional area of economics, business, or administration.
2. Strengthen students' powers of creative, independent analysis, and sensitivity to social and ethical values.
3. Instill in students a desire for learning that will continue after they have graduated and taken their place in the community.

A general graduate program in Business Administration, and specialized graduate programs in the fields of Accounting, Economics, and Management seek to:

1. Make high quality professional education available to those qualified individuals who have selected specific career objectives in fields of business, government, or education.
2. Support adequately the research activity so vital to maintain a quality graduate faculty and program.
3. Foster independent, innovative thinking and action as a professional individual.

The M.B.A. program permits a student to become a generalist, but those who wish to do so may specialize in a limited extent by electing an emphasis in Finance or in Marketing. These program variations allow the student to concentrate on more specific objectives while still acquiring the broad gauge training the M.B.A. program is designed to provide.

■ ACCOUNTING

Undergraduate program in Accounting

The undergraduate program is designed to prepare students for entry into the fields of public accounting, private accounting, and accounting in the public sector.

Graduate program in Accounting

The Master of Accountancy degree program is designed to meet the increasing needs of business, government, and public accounting for persons who have extensive professional training in accounting, as well as a background in such areas as quantitative methodology, economic analysis, and management science.

Admission is open to any student who has a baccalaureate degree and meets the University graduate requirements. Students who do not have the equivalent of an undergraduate degree in accounting usually will be required to take additional work.

■ ECONOMICS

Undergraduate program in Economics

Economics is one of the vital disciplines investigating the complex problems and relationships in modern society. Indeed, the very breadth of economics has led to major areas within the discipline, including labor economics, international economics, urban and regional economics, monetary economics, public finance, industrial organization, comparative economic systems, and the like. In the undergraduate program, students are grounded in economic theory and economic statistics to facilitate the investigation of the problems of human behavior, decision-making, and organizational effectiveness in these problem areas. Students majoring in economics are encouraged to supplement their programs with courses in other business and social science subjects. Management, finance, marketing, accounting, political science, psychology, sociology, and others contribute greatly to an enriched plan of study. A student may plan the best possible program to help him achieve his particular career objectives. Similarly, a variety of courses in economics permit students majoring in other disciplines to acquire the skills and insights provided in economics.

Graduate program in Economics

The Master of Arts degree in Economics permits students to select one of two general approaches. The first emphasizes terminal professional training to prepare the student for decision making and problem solving roles in business, governmental agencies, and other organizations. The second program prepares the student for doctoral work in Economics in other recognized institutions.

Both programs involve preparation in economic theory and quantitative methods. The student in the professional program then supplements these skills with an emphasis on courses in
applied economics, with additional quantitative methods selected in accordance with his career objectives. The student who is preparing for doctoral studies normally takes additional courses in economic theory, mathematics and statistics. Research and writing of a thesis may be incorporated into this design.

**FINANCE**

**Undergraduate program in Finance**

The Finance program provides broad-gauged analytical training for students anticipating a career in the management of both large and small organizations. Students seeking a career with financial institutions in the field of insurance and real estate should find the finance major particularly valuable. In addition, the program is designed to provide the flexibility needed by students who seek professional degrees in areas such as law and public administration.

The Finance program offers applied and theoretical courses directed to the identification and solution of such problems as the acquisition of and allocation of scarce funds as employed by economic units under uncertainty in both the private and public sectors. Finance is an interdisciplinary approach which draws on economic theory, accounting information systems, and the quantitative decision framework of statistics and mathematics.

The required courses for finance majors focus on understanding the analytical tools and institutional environment for decision-makers. It includes capital budgeting, the concepts of asset and liability management, and an examination of the social and regulatory impact upon the decision-making process.

Students in this program must complete 20-27 credits in upper level Finance, 53 hours of Business Core, and 14-27 hours of Business electives, plus 8-15 additional credits of upper level Finance courses.

**Finance-Pre-Law**

A minimum of 20 hours of Finance courses with 14-27 hours of Business electives chosen with consent of adviser to specifically meet the needs of the student.

**Graduate program in Finance**

Students seeking a graduate education with a concentration in the field of Finance should enroll in the Master of Business Administration program, with special emphasis in Finance.

**MANAGEMENT**

**Undergraduate program in Management**

The program provided by the Management faculty integrates knowledge in behavioral and social science, industrial relations, and quantitative methods and computer technology in developing an understanding of organizational theory and research. The aim is to build competence in the practice of managing groups and organizations.

To accomplish this goal, the department offers (a) a mix of lectures, management laboratories, independent research, and team activities in many courses, (b) a flexible curriculum which permits students to select a program of courses most suitable to their needs, and (c) the option of selecting more advanced courses within each area.

**Graduate program in Management**

The Master of Science degree program in Management builds specialized skills in characterizing and solving problems of administrative decision and action. Its foundations are behavioral science and quantitative analysis. While admission standards coincide with those of the M.B.A. program, the curriculum is distinct. Courses reveal the motivational and logical structures which underlie the various functional contexts in which managerial behavior evolves. Additionally, courses are designed to foster proficiency, rigor, and independence in applied research. Supervised selection and systematic investigation of a significant problem is an integral part of the curriculum.

**MARKETING**

Marketing is a dynamic field with many dimensions, including product selection and planning, product distribution, pricing and promotion. Marketing poses many challenges and yields generous rewards for those meeting these challenges. Marketing operations are carried out domestically and internationally in virtually all business organizations offering a product or service. Many marketing concepts are applicable to the operations of non-profit organizations such as governmental, educational and health care institutions as well as charitable and political campaigns.

Marketing operations are the most visible links between the firm or institution and its many publics. Marketing in the end deals with people, people who are constantly changing in their needs, wants and desires; and coupled with these changing tastes is a fiercely competitive environment sustained by all the resources of a rapidly evolving technology. These forces lead to much of the challenge—to much of the dynamic nature of marketing.

**The Marketing Program**

The Marketing program at USF prepares students for initial entry and management positions in many areas of marketing with a curriculum that is concerned with:

1. Understanding consumer behavior and the broader environment within which the firm or institution operates;
2. Collecting, analyzing, and using information about customers, competitors, and the environment for managerial decisions;
3. Distributing products effectively and efficiently from producer to user;
4. Advertising and promoting the offerings of the firm or institution effectively;
5. Creatively and effectively managing a salesforce selling industrial or consumer goods and services; and
6. Managing retail and wholesale operations, including the conceptualization, implementation and evaluation of the buying, merchandising and control functions.

Each student is strongly encouraged to set up his own plan of study with the assistance of a Marketing department faculty adviser. Such counseling can lead to a better definition of career objectives and will result in a plan of study that is consistent with each student's career objectives.

**Undergraduate Program in Marketing**

Undergraduate students wishing to concentrate their studies in the area of marketing will normally major in Marketing. The requirements include 27 credit hours of marketing courses as well as other requirements of the undergraduate Business Administration curriculum. Students are encouraged to supplement their business courses with studies in the computer sciences, Mass Communications, Mathematics, Political Science, Psychology or Sociology.

Undergraduate students not majoring in marketing are encouraged to take selected offerings from the marketing curriculum to broaden their backgrounds and to prepare for marketing-related positions in business or non-profit organizations.

A special three course sequence focusing on retail operations is being offered on an experimental basis during the 1975-76 academic year. This sequence has no business prerequisites and is open to all majors within the University. Interested students should confer with a Marketing department adviser.

**Graduate program in Marketing**

Students in the Master of Business Administration degree program may concentrate in the area of Marketing by selecting
their nine hours of electives in Marketing. Elective course work can include studies in one or more of the areas outlined above in the description of the Marketing program. An independent research project can serve as part of the elective course work in the marketing emphasis option; however, no thesis is required. Students electing the M.B.A. with emphasis in Marketing should meet with the chairman of the Marketing department at the beginning of their M.B.A. course work.
The College of Education places an emphasis on each student learning what is relevant for the world of today and on his getting deeply involved in his own educational process. Thus, the emphasis is on the student learning to do his own thinking about himself and his universe.

The College of Education is committed to a continuous and systematic examination of the professional program of teacher education. Promising programs are examined experimentally under controlled conditions, which make possible an objective appraisal of effects in terms of learning outcomes.

The University of South Florida follows a University-wide approach to teacher education. Its programs for the preparation of teachers represent cooperative effort in planning and practice by faculties of all academic areas. Courses needed by teacher candidates but designed also for other students are offered outside the College of Education. Courses in the University which are primarily designed for teacher candidates are taught by the College of Education.

In the total teacher education program there is a special concern for developing in the student a deep interest in intellectual inquiry and the ability to inspire this interest in others. It is the task of the College of Education to give leadership to the instruction in subject matter and process, which means the total teacher education program.

**Baccalaureate Level Degree Programs**

The undergraduate teacher education program leads to the Bachelor of Arts degree. It is an upper division program.

**Admission to the College**

While each student admitted to the University is expected to have the qualifications to graduate, this does not necessarily mean that he has the qualifications to become a teacher.

The College of Education administers the admission policies to all teacher programs of the University, as well as those for the College itself. All students who plan to teach must apply for admission to a teacher education program through the Central Advising Office of the College of Education.

Prospective secondary and K-12 teachers are enrolled in teacher education programs involving both the College of Education and various other colleges of the liberal arts areas. Students who have completed successfully the two-year Associate of Arts program at a junior college and other transfer students who have earned at least 90 quarter hours should apply for official admission to teacher education programs during their first quarter in residence.

Admission to the upper level teacher education program is contingent upon meeting the following minimum requirements:

1. Completion of a College of Education upper level application form.*
2. Completion of the General Distribution requirements for Education majors. Provisional admission may be granted if no more than three individual General Distribution courses remain to be taken, provided Freshman English has been completed.
3. Completion of a minimum of 90 quarter hours.
4. An overall grade point ratio (GPR) of 2.0.
5. Additional criteria at the discretion of the admissions and selection committee (i.e. medical center, student affairs, speech and hearing clinic, etc.).

Handicapped Students: Application will be reviewed by the admission committee. Acceptance of the application of the student will be determined by the following:

1. The judgment of the committee that the student will be able to carry out the duties of a teacher.
2. An assurance from the public schools that an internship contract will be offered.

*Deadline: The student should initiate his application with the College of Education Central Advising Office no later than the second week of the quarter in which he is eligible for admission.

**Admission to Supervised Teaching Experience**

The supervised teaching experience is a minimum of 12 credits of observation and supervised teaching in elementary or secondary schools. Time and sequence of experience may vary among programs. (Refer to the specific program for further information.) Special requirements for enrollment in the supervised teaching and seminar courses are:

1. Admission to the College of Education.
2. Completion of an application for supervised teaching.
3. Completion of the professional education sequence and at least two-thirds of teaching specialization with a minimum 2.0 grade point ratio in each.
4. An overall 2.0 grade point ratio.

Application for student teaching should be made two quarters prior to term in which experience is desired, and may be obtained in the Student Teaching Office.

Fall Quarter (I) applications are due by last week of the Winter Quarter (II) of the previous school year.

Winter Quarter (II) applications are due by last week of the Summer Quarter (IV) of the previous school year.

Spring Quarter (III) applications are due by last week of the Fall Quarter (I) of the same school year.

Summer Quarter (IV) applications are due the last week of the Winter Quarter (II) of the same school year.
College Requirements for Graduation

A student to be certified by the College of Education as having completed its requirements must have earned 180 credit hours with a minimum overall grade point ratio of 2.0. An average of 2.0 or better also must be made in the student’s professional education sequence and in his teaching specialization courses. Satisfactory completion of supervised teaching is required. A student must also have completed the major requirements in an approved teaching program (which includes general preparation, teaching specialization, and professional preparation). A minimum of 12 credits in professional courses in addition to internship and 18 credits in specialization courses must have been earned in residence. The student must complete a minimum of 45 hours after admittance to an upper level program.

Specific Requirements

A minimum of 180 credit hours including the following:
- General Distribution: 60 credit hours
- Professional Education Core: 36-44 credit hours
- Teaching Specialization: 41 to 73 credit hours

Degree Validation and Certification Programs

Validation

Baccalaureate and master’s degrees received from non-accredited schools which are listed in the Education Directory of the U.S. Department of Health, Education, and Welfare may be validated. Before beginning course work for validation, the degree holder must submit a planned program to the Certification Advising Office in the College of Education. The program will consist of a minimum of 18 quarter hours. To validate a baccalaureate degree the 18 credits must be in the upper division and/or graduate work with no grade below “C.” To validate a master’s degree the 18 credits must be in 600-level courses with no grade below “B.”

Certification

A person who has previously earned a bachelor’s degree and has a desire to satisfy teaching requirements may enroll in courses in which he has met the course prerequisite.

A holder of a bachelor’s degree wishing to enroll in “Senior Seminar in Education” and “Supervised Teaching” should file an intent to student teach with the College of Education Certification Advising Office. Approval of the application by the Selections Committee of the College of Education and satisfactory completion of certification requirements in area of specialization including 12 hours of course work in residence as a non-degree seeker are prerequisite to registration in these courses.

Programs Leading to the Baccalaureate Degree

The College of Education has programs leading to the Bachelor of Arts degree in the following fields:
- Art Education
- Botany Education
- Business and Office Education
- Chemistry Education
- Classics Education
- Distributive Education
- Elementary-Early Childhood Education
- Elementary Education
- English Education
- Exceptional Child Education
- Emotionally Disturbed
- Mental Retardation
- Specific Learning Disabilities
- Foreign Language Education

Health Education
- Humanities Education
- Industrial-Technical Education
- Mass Communications-English Education
- Mathematics Education
- Music Education
- Physical Education
- Physics Education
- Science Education
- Social Science Education
- Speech Communication-English Education
- Zoology Education

- Latin-English Education or Latin-Foreign Language Education.
- In a single language, two foreign languages, or Foreign Language-English.

College of Education Student Organizations and Activities

The College of Education Association is the parent organization or umbrella for all student Education organizations. The student activities sponsor and the College of Education Association (CEA) officers make an annual budget and the approved monies are funded by the State. The CEA is responsible for helping organize new College of Education organizations approved by the Student Affairs Committee. They also aid the organizations financially, provide leadership, and distribute information for projects. The College of Education Council is composed of CEA officers, three elementary representatives, four secondary representatives, two special education representatives and the Presidents of the other Education organizations. The Council meets regularly to coordinate and plan for the year.

Student Florida Education Association

The Student Florida Education Association is the professional organization that represents all the prospective teachers on the USF campus. As a member of SFEA, you also become a member of the Florida Education Association and the National Education Association. These organizations comprise the largest such group in the world.

Many benefits are available to you through the organization and, in addition, you are working with a club dealing with your main interest—education. All students in the field of Education, including freshmen, are encouraged to join this professional organization.

Association for Childhood Education International

The Association for Childhood Education is a non-profit professional organization concerned with the education and well-being of children two to twelve years of age. Members are located throughout the United States and other countries.

The USF chapter works directly with children through observation, projects, and programs. In addition, it provides opportunity for students to attend study conferences throughout the state of Florida which allows the student an opportunity for professional growth and exchange of professional ideas. Membership is open to all students, including freshmen, concerned with children two to twelve.

Student Council for Exceptional Children

The Student Council for Exceptional Children is an organization of those members of the University interested in the education of the exceptional—“different”—child. Various exceptionalities included are Gifted, Emotionally Disturbed, Physically Handicapped, Mentally Retarded, and Culturally Different.

Activities of the USF Chapter include field trips to various special education facilities, prominent speakers, seminars, state and national conventions, and social events. The specific activities are determined by the members and the exceptionalities in which they are interested. All interested students are invited to join.
Student Music Educators National Conference

Student Music Educators National Conference is an affiliate of the Music Educators' National Conference and the Florida Music Educators Association. It is devoted to the furtherance of knowledge and understanding of music education on all levels. Membership is open to any student in the University of South Florida who is interested in the teaching of music.

Library Education Audio-Visual Organization

The Library Education Audio-Visual Organization is a professional organization for those members of the University community interested in Library education.

The USF group meets once a month and provides programs or guest speakers of interest to the campus community. In addition, LEAVO publishes a monthly newsletter for its members. Membership is open to all interested in Library education.

Phi Beta Lambda

Phi Beta Lambda is a business fraternity open to all students, including freshmen, expressing an interest in Business Education and who are enrolled in a Business Course.

Kappa Delta Pi

Kappa Delta Pi is a national co-educational honor society in Education. The society was founded to recognize and encourage excellence in scholarship, high personal standards, improvement in teacher preparation, and distinction in achievement.

Physical Education Association (PEA)

The Physical Education Association (PEA) is open to all students enrolled in the Physical Education Program. Social and professional meetings are conducted throughout the year to promote interaction within the organization.

Student Guidance Organization (SGO)

The Student Guidance Organization is a Guidance Organization for graduate students presently enrolled in the Guidance Program. Social and professional meetings are conducted throughout the year. Members also participate in annual retreats and attend district and state meetings.

Mathematics Education Clinic

The Mathematics Education Clinic is mission-oriented in a broad sense in that it is primarily concerned with children and youth who evidence learning problems in mathematics. However, an important purpose of the clinic is one of obtaining hypotheses that can be studied to obtain generalizable professional knowledge to improve the teaching and learning of mathematics.

Clinical, correlational, normative, and experimental approaches are used in the study of the etiology and symptomatology of mathematical learning disabilities. General models and specific teaching strategies are provided the classroom teacher and the student-clinician for carrying out effective diagnostic and prescriptive programs.

Close professional relations are maintained between the Mathematics Education faculty and the appropriate faculties in the College of Education whose interests and professional skills are related to the work of the Clinic.

The physical facilities of the Clinic, presently located in the Education Building, make it possible for University students to work with individuals and small groups whose learning disabilities seem to be primarily cognitive. Referrals may be made by principals, teachers, and/or parents by calling 974-2100.

Courses available for teachers and/or students focusing on diagnostic and prescriptive procedures in mathematics appropriate for elementary school children are, Diagnosis and Treatment of Learning Disabilities in School Mathematics (4 hrs.) and Practicum in Diagnosis and Treatment of Children's Learning Disabilities in Mathematics (4 hrs.).

Teacher Education Programs and Curricula

There are three distinct areas in the teacher education program, and all teacher candidates must meet certain minimum requirements in each. The three areas and their requirements are as follows:

1. General Distribution Requirements (60 credit hours). The five areas of General Distribution and the specific requirements are as follows:
   - Area I: English Composition: Nine hours.
   - Area II: Humanities/Fine Arts: A minimum of eight hours.
   - Area III: Mathematics: Any program requiring "Arithmetic for the Child," see Part II; a minimum of eight hours is required for other majors.
   - Area IV: Natural Sciences: A minimum of eight hours.
   - Area V: Social and Behavioral Sciences: A minimum of 16 hours divided between:
     1. Behavioral Science and
     2. Social Science courses

   Courses required for a student's major program will not be counted in the total 60 hours although areas of the general distribution requirements may be waived where appropriate. A student will be limited to 12 hours in a single department toward distribution requirements in any area. None of the above may be taken S/U.

2. Professional Education Core (36-44 credit hours)
   - The required courses in the professional education core are as follows:
     - Human Development and Learning (4)
     - Social Foundations of Education (4)
     - Curriculum & Instruction (5)
     - Methods Course(s) (4-12)
     - Internship & Seminar (15)
     - Reading Requirement (see note below) (4)

3. Teaching Specialization Preparation (41-73 credit hours)
   - Course requirements in the area of teaching specialization vary according to subject field of specialization.

Note: State Board of Education regulation (6A-5.25) revised July 10, 1973, was amended to require that all (elementary and secondary) approved programs of teacher education must include information on teaching reading skills. For elementary majors, additional competencies over and above those taught in "Reading for the Child" are required. This applied to all students graduating after August 1974.

Please check with your adviser with respect to the ways and means of meeting these competencies.

ELEMENTARY EDUCATION CERTIFICATION PROGRAMS

### ELEMENTARY SPECIALIZATION

Elementary Education majors are prepared to teach in grades one through six. Currently there are two options for completing the elementary coursework and internship requirements.

Students may pursue a program by taking required education courses during their junior and senior year with practical field experiences during their senior year. These experiences include pre-internship as part of "Curriculum and Instruction" and "Teaching Methods in the Elementary School" and a full quarter internship assignment in a selected elementary school.

Students may pursue a program by taking required education courses during their junior and senior year with practical field experiences during their senior year. These experiences include pre-internship as part of "Curriculum and Instruction" and "Teaching Methods in the Elementary School" and a full quarter internship assignment in a selected elementary school. Students electing this program must arrange to spend a minimum of two hours daily working in a variety of classroom situations. Pre-internship and internship
credit is earned during this field experience which extends over a period of five quarters.

Students entering an elementary education program must be eligible for admission to the College of Education (see admission requirements) and maintain a 2.0 average.

All students accepted in the Elementary Education Program in the College of Education will be required to pass a written proficiency examination at some time prior to enrollment in "Supervised Teaching." The examination will consist of the students writing extemporaneously for one hour on one of three topics to be announced at the time of the examination.

■ ELEMENTARY-EARLY CHILDHOOD

Students interested in early childhood teaching, which includes children ages 3-8, should pursue a program leading to certification both in early childhood and elementary education.

■ ELEMENTARY-MIDDLE SCHOOL EDUCATION

For the student with a special interest in youngsters in the middle grades, courses are available which lead to both elementary and middle school certification. The courses are grouped in two segments: (1) Elementary Education—consisting of 42 hours of course work in elementary education, and (2) Middle School Teaching—consisting of between 28 and 32 hours of

■ EDUCAATION

EXCEPTIONAL CHILD EDUCATION

The Exceptional Child Education Baccalaureate Level Degree Program offers students three tracks leading to Rank III Certification in that specific area of emphasis.

Emotionally Disturbed

A two-year program (six quarters) leading to certification in Emotionally Disturbed and Elementary Education. In addition to the practice teaching required in Elementary Education, a continuous practicum is provided with emotionally disturbed children.

Mental Retardation

Students in the Mental Retardation Program are prepared as teachers of the Mentally Retarded (both educable and trainable). This planned program provides for six quarters of course work in the major area of specialization and in the required elementary area as indicated below. Upon completion of this planned program, the student will be certified in the area of Mental Retardation (K-12).

KINDERGARTEN THROUGH TWELFTH GRADE CERTIFICATION PROGRAMS

Candidates meet teaching requirements for all grade levels from Kindergarten through the senior year of high school.

■ ART EDUCATION

The Art Education student may elect to emphasize painting, sculpture, graphics, ceramics, or photography/cinematography by selecting the appropriate courses.

At the time of application to upper level, each Art Education student must submit slides or portfolio to the head of the department. To assist transfer students in selection of courses, they must submit work prior to or during registration.

■ EXCEPTIONAL CHILD EDUCATION

The Exceptional Child Education Baccalaureate Level Degree Program offers students three tracks leading to Rank III Certification in that specific area of emphasis.

Specific Learning Disabilities

The planned program for students majoring in Specific Learning Disabilities requires six quarters of course work. Completion of this program will enable students to be certified in the area of Specific Learning Disabilities (K-12).

■ HEALTH EDUCATION

The two-year Health Education program is designed to prepare health educators for the public schools through combined course work and field work/internship in public schools and community health programs each quarter. This program is a competency based curriculum with an S (Satisfactory) - U (Unsatisfactory) grading system. Prerequisites for entering the program include admission to the College of Education, a survey course in health science, and an interview for program guidance.

■ MUSIC EDUCATION

All students seeking a degree in music education are required to take a placement examination in music theory-history and to pass an audition in their respective performance area. Students must obtain the dates for these examinations from the Music Office; completion of the examinations is required before registration in music courses can be permitted.

Special requirements for all music education majors: successful completion of the piano proficiency requirement as defined by the music and music education faculties before admittance to upper level; participation in a performing ensemble each quarter the student is enrolled in applied music; and the presentation of a one-half hour recital in the major performing medium during the senior year.

Students are encouraged to attend on-campus musical events (i.e. student recitals, Music Forum events, faculty recitals, and Artist Series concerts).
■ PHYSICAL EDUCATION

A two year program is offered at the junior and senior year level which provides a daily internship experience in the local schools for prospective physical education teachers. Because enrollment in this program is limited, all students must participate in a selective admissions procedure which includes an on-campus conference in order to be considered for admission. Students may enter this program only during Quarter 1 (Fall) of each year and should be prepared to spend a minimum of two hours per day in a physical education teaching situation during each of the six quarters in addition to their on-campus study. The continuous field experience is in lieu of the usual quarter of full-day internship and the teacher aid assignments. Those requirements (see admission to supervised teaching experience) which are necessary for admission to supervised teaching experience must be met before a student will be allowed to register in “Seminar and Internship in Physical Education.”

After applying for admission to the University, all students must apply directly to the Department on or before April 1. No student will be admitted to the program unless application has been made prior to this date. Direct requests to:
Coordinator
Professional Physical Education Program
College of Education

SECONDARY EDUCATION CERTIFICATION PROGRAMS

Candidates are required to meet specialization requirements in broad subject fields or in subject combinations. It is also possible for prospective secondary school teachers to add elementary school certification by following an approved program. The secondary school specialization requirements can be satisfied in more than 15 subject areas in eight broad fields.

■ CLASSIC AND ANCIENT STUDIES

Latin-English Education
Latin-Foreign Language Education

■ FOREIGN LANGUAGES

Foreign Language-English Education:
Two Foreign Languages:
Specialization Requirements (61 credit hours)
Beginning and intermediate foreign language requirements (or equivalents) must be completed. In the major language (French, German, Italian, Russian, or Spanish), the student must earn a minimum of 35 credit hours, and in the minor language 26 credit hours.

Single Foreign Language:
After consultation with an adviser, the Dean may give permission for a student to elect a single foreign language major. A minimum of 45 credit hours beyond intermediate course requirements must be earned in the single foreign language.

■ HUMANITIES EDUCATION

■ MASS COMMUNICATIONS—ENGLISH EDUCATION

■ MATHEMATICS

The typical program for prospective mathematics teachers consists of a minimum of 47 credit hours in mathematics above the 200 level.

■ SCIENCE

Botany, Chemistry, Physics, Zoology

A student planning to teach science at the secondary level should complete the departmental major in the corresponding science area (in Botany, Chemistry, Physics, or Zoology). Requirements for these programs are listed in the catalog under.


Science Education:

An alternate program is available in which the prospective teacher must meet the minimum requirements of the major in the Natural Sciences. This requires 36 credit hours in the disciplines of major concentration and 24 credit hours within the Natural Sciences and outside the concentration area. These latter 24 hours must be approved by the student’s adviser and include at least one 300 level course. (Total program, 60 credit hours minimum). Concentrations are available in biology, physics, and chemistry.

■ SOCIAL SCIENCE

To teach at the secondary level the minimum requirements of a Social Science Education major must be met. All programs in the Social Science Education major specify 64 credits or more in the Social Sciences. A teaching emphasis requires a minimum of 24 credits in one discipline within an approved program which will lead to certification in the broad area of social sciences. However, a student may concentrate his studies in one of the separate subject areas. Each program contains both required and elective courses which each student in consultation with his adviser will select.

■ SPEECH COMMUNICATION

ENGLISH EDUCATION

Education Building
VOCA TIONAL AND ADULT EDUCATION CERTIFICATION PROGRAMS

Candidates planning to teach in county-wide adult and secondary education programs, junior college associate of arts and area vocational schools, continuing education centers, model cities programs, and other vocational, adult and technical schools may pursue one or more of the following specializations.

■ BUSINESS AND OFFICE EDUCATION

To complete program requirements leading to Rank III certification in the broad field of Business Education, students must take 73 hours of course work in the business administration and business education areas and 37 hours of professional education courses. Two special methods courses are included in the professional education sequence.

■ DISTRIBUTIVE EDUCATION

Distributive Education is a program for those interested in becoming teachers of marketing and distribution in schools and programs as listed under the discussion of Vocational and Adult Education Certification Programs. To qualify to teach in the area of Distributive Education Students must take 62 hours of course work.

In addition, they must fulfill the state requirement or two years of distributive on-the-job work experience or complete 2100 hours of acceptable training. Supervised Field Experience: Distributive Education and Cooperative Education training experience are offered as suggested avenues to meet this requirement. (Acceptability of work experience will be determined by the Adult and Vocational staff at the University of South Florida.)

■ INDUSTRIAL-TECHNICAL EDUCATION

Enrollment in the area of Industrial-Technical Education is restricted to persons with employment experiences qualifying them to teach in the field. Special provision is made for students who have completed their Associate of Science Certificates in a technological specialty from one of the programs of the State system of junior colleges. Students may validate up to 45 credit hours through an Occupational Competency Examination. In addition to the professional core, they must take 29 credit hours in Vocational & Adult Education.

Acceptability of work experiences will be determined by the Adult and Vocational staff at the University of South Florida.

MASTER'S LEVEL DEGREE PROGRAMS

Admission

Candidates for admission to graduate study must present satisfactory evidence of:

1. Undergraduate grade-point-ratio of 3.0 (B) minimum on the last half of the baccalaureate degree; or GRE aptitude score ≥1000 minimum.
2. Any additional requirements specified by the program.
3. Receive favorable recommendation from program chairman.

Filing of Program

During the first term of graduate study the candidate for the master's degree must file a planned program of studies. This report of Graduate Advisory Conference is to be completed in consultation with the adviser. The completed report should be filed with the Coordinator of Graduate Studies in the College of Education.

Quality of Work

Candidates for the master's degree must maintain a 3.0 GPA. If at any time the student's GPA falls below the minimum, the student will be placed on probation. During the probationary status the student's academic progress will be reviewed to determine: 1) removal from probation, 2) continuation on probation, 3) drop from graduate program.

Residency

The candidate for the master's degree will be required to meet the residency requirement established by each program area. Consult the appropriate program area for details.

Comprehensive Examination

During the last term of enrollment, prior to completion of degree requirements, the candidate must perform satisfactorily on a comprehensive examination.

Process Core Examination

Graduate students with sufficient undergraduate background may take the Process Core Examinations after consultation with their advisers. Successful performance on the examination enables a student to waive the course requirement, but he must take elective courses in lieu of the hours required. The Process Core Examinations are in the Foundations of Measurement, Psychological Foundations and Social Foundations of Education. Graduate students on a Plan II Master's Program (see below) are not eligible to take the Process Core Examinations unless they have had a comparable course at the undergraduate level.

Master of Arts Programs

Qualified persons may pursue graduate study in the following majors:

Art Education
Elementary Education
English Education
Exceptional Child Education tracks in:
  Emotionally Disturbed
  Gifted
  Mental Retardation
  Specific Learning Disabilities

Foreign Language* Guidence
Humanities Education
Library-Audiovisual Education
Mathematics Education
Music Education
Physical Education
Reading Education
School Psychology
Science Education*
Program Descriptions

Master of Arts degree programs consist of a minimum of 45 credit hours, 24 of which must be at the 600 level. Most specialization areas include the option of a thesis of three to six credit hours.

**ART EDUCATION**

In consultation with a graduate adviser, a student may develop a program in art education with a specialization in one of three areas:

- a. Studio/new media
- b. Art Administration, Supervision & Curriculum Innovation
- c. Research Methods for Art Education

A portfolio or slides of recent creative work must be submitted prior to admission into the program.

**ELEMENTARY EDUCATION**

This program requires full certification as an elementary teacher for admission. The student will choose from one of the following areas of emphasis:

- a. Elementary Curriculum Emphasis
- b. Reading Emphasis
- c. Supervision Emphasis
- d. Early Childhood Emphasis
- e. Elementary School Mathematics Emphasis
- f. Social Studies Emphasis

**Elementary-Early Childhood Education**

This concentration requires recommendation of the program for admission. Requirements in specialization and related courses total 32 hours.

**Elementary-Early Intervention (N-3)**

This emphasis is designed for regular classroom teachers to become acquainted with the varying forms and degrees of behavioral manifestations and learning performance of young children in a pluralistic society.

**ENGLISH EDUCATION**

Candidates must score at least 500 on the Verbal Aptitude section of the GRE or 550 on the Advanced Literature test of the GRE.

Requirements for admission: A bachelor's degree in English Education from a recognized institution, or Rank II certification in Secondary English from the State of Florida or other equivalent certification. Students holding a bachelor's degree and qualified for Rank III Secondary English certification except for the required Education courses may enroll as Special students and complete certification requirements. After obtaining certification, they may apply for degree-seeking status and apply up to 12 credit hours of relevant work in Education on this degree.

**EXCEPTIONAL CHILD EDUCATION**

The Exceptional Child Education offers four tracks at the Master's Degree Program Level. Students must select their area of emphasis.

**Emotionally Disturbed**

The purpose of this program is to train educators for emotionally disturbed children. An individualized program is available under both Plan I, for certified and experienced teachers, and Plan II, for those with a non-education baccalaureate degree.

**Gifted**

The Gifted Child Teacher Training program provides advanced training for experienced teachers to work with gifted and talented children and to work with other teachers on a consultant or teacher-leader basis. An inexperienced teacher-training program is also provided which is designed to prepare non-certified, liberal arts majors to work with classrooms of gifted children.

Emphasis is on the development of subject matter specialization and specific skills to:

1. identify the gifted,
2. make an individual diagnosis of cognitive and affective strengths and weaknesses, and
3. modify the educational program to develop the gifted child's potential.

**Mental Retardation**

The course of study is designed to prepare the student to become a more effective teacher or supervisor of teachers for the retardated.

It is highly recommended by the Mental Retardation Program that any student who is about to apply for Graduate work in the area of Mental Retardation contact that office for advising purposes before any courses are taken or application made for admission.

**Specific Learning Disabilities**

The course of study is designed to prepare the student to become a more effective learning disabilities specialist.

### FOREIGN LANGUAGE EDUCATION (FRENCH, GERMAN, SPANISH)

Candidates for the M.A. degree in foreign language education must present satisfactory evidence of:

1. Undergraduate grade point ratio of 3.0 or better on the last half of the B.A.
2. GRE aptitude score of 1000. or GRE advanced foreign language score in upper third, or equivalent.
3. Baccalaureate degree in chosen foreign language, or in foreign language education from an accredited institution of higher learning.
4. Favorable recommendation from program chairman.

Each candidate will be assigned his major adviser in the College of Education and, to facilitate selection of appropriate foreign language courses, a co-adviser in the Foreign Language department of the College of Arts & Letters. Since identical lists of foreign language courses are not prescribed for each candidate, and since each candidate's program is designed to satisfy the individual's needs, the specific foreign language courses are selected in consultation with the advisers. Candidates should meet with both advisers before registering for each quarter.

### GUIDANCE

**Plan I** — The guidance program typically requires seventeen credit hours from the Process Core. Additional course requirements depend upon the major emphasis in either elementary school guidance or in secondary school guidance. The Guidance Program has no full-time residency requirement. Students who are gainfully employed on a full-time basis are limited to one course per quarter. Exceptions are made only with permission of the Guidance Program Committee.

### HUMANITIES EDUCATION

The program in Humanities consists of 27-45 credit hours selected with the advice of the adviser in the field of specialization.

### LIBRARY-AUDIOVISUAL (MEDIA) EDUCATION

Basic courses are required for all students with a choice of specialization for work in one of the following areas: School Media (formerly School Library); Public Library; Academic Library; Special Library. The requirements for the School Media specialization include Rank II certification for the State of Florida. Other requirements prepare the student to assume leadership roles in the profession.

The University minimum number of graduate course work hours is 45. The number of credits required in this department range from 46 to a possible maximum of 75. The exact number of hours is determined in conference with the student and his assigned departmental adviser on the basis of the student's needs and the departmental standards for the specialty areas of study. Thesis hours when elected (4-6) are in addition to course work.

With the consent of his adviser any student may choose one or more cognates from other courses offered outside the department.

Criteria for admission and for graduation are those general criteria specified by the College of Education. Graduation requirements include the fulfillment of the student's filed program of studies, application for graduation at the beginning of the quarter in which he intends to graduate, and the successful completion of a final comprehensive examination administered by the Library-Audiovisual program. If the option of Thesis or Master's Essay has been chosen by the student, these manuscripts are subject to the criteria determined by the University.

### MATHEMATICS EDUCATION

This program requires a minimum of 51 quarter hours. Before the 12-hour level the student must demonstrate that he has the competence in mathematics to undertake the program.

### MUSIC EDUCATION

Plans in both instrumental and vocal music are offered. At least 27 hours are taken in one of these areas. A placement examination is required of all new registrants in musical styles. Each candidate must meet the undergraduate level of piano proficiency before the quarter in which he expects to graduate. Participation in ensembles is required for at least three quarters. Three plans are available to the candidate: 48 hours plus thesis, 51 hours plus recital, or 54 hours without thesis or recital.

### PHYSICAL EDUCATION

Areas within the program in which a student may focus study are Elementary Physical Education, Secondary Physical Education, or Physical Education for the Handicapped.

### READING EDUCATION

The masters degree in Reading Education is designed to prepare special reading teachers, reading clinicians and supervisors-coordinators-directors of reading for school systems. The program requires four full quarters to complete. Part-time attendance may also earn the degree with one quarter residence of at least two courses while the student is not teaching full-time.

### SCHOOL PSYCHOLOGY

The School Psychology program is offered jointly with the Department of Psychology in the College of Social and Behavioral Sciences.

Research Competency — Each student must show competency through the planning, execution and write-up of a piece of research resulting in either a thesis or colloquium paper.

Internship — A full-time internship of two academic quarters is required.

### SCIENCE EDUCATION

Concentrations in Biology, Chemistry, or Physics are available in a cooperative program with the College of Natural Sciences. In each instance, before admission to the degree program, the student must satisfy the Biology, Physics, or Chemistry adviser that he has the competence to undertake the program.

### SOCIAL SCIENCE EDUCATION

Advanced training for the purpose of becoming better teachers in grades 7-12. Plan I is for certified teachers, and Plan
For those with a social science baccalaureate degree but not certified to teach.

**SPEECH COMMUNICATION EDUCATION**

Admission requires a bachelor's degree from a recognized institution, and approval of the Speech Communication Education faculty. Each candidate for the M.A. in Speech Communication Education must successfully complete a written and oral comprehensive examination.

**VOCATIONAL EDUCATION**

**Adult Education**

In consultation with the graduate adviser, a program will be planned which will include a minimum of 45 credit hours. Specialization requirements of 27 credit hours in Adult Education are designed to provide competencies in organization and administration, supervision, adult learning characteristics, curriculum development, program planning, methods of teaching and research techniques as each of these relate to adult education programs. Requirements in a related area may include a concentration of courses in one of the following areas: psychology, sociology, guidance, administration, complementary basic, or a vocational field.

**Business and Office Education**

A minimum of 12 credit hours in the specialization area of Business and Office Education. Any deficiencies needed for business teacher certification must be included in the Master's candidate's program.

Selected courses in one related area such as Guidance, Exceptional Child Education, Business Administration, Junior College, Administrative, or Supervision.

**Distributive Education**

Appropriate College of Business Administration courses in marketing, management, economics, finance, and accounting for Distributive Education teacher certification. Selected courses in a related area such as Business Administration, Administration, Supervision, Guidance, Exceptional Child Education, and Junior College.

**Industrial-Technical Education**

Before admission to a degree program, a student must have met certifiable vocational or industrial work qualifications. A student will be advised of other courses which he must complete. Master's degree candidates wishing to be certified must meet the state's minimum certification requirements in the area of specialization.

**JUNIOR COLLEGE TEACHING PROGRAM**

The University of South Florida has developed a program for junior college teachers which leads to the Master of Arts degree and Florida State Department of Education certification at this level. The College of Education, in close cooperation with the other colleges on the campus, has formulated the program.

The Junior College program includes:

<table>
<thead>
<tr>
<th>Astronomy</th>
<th>Economics</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>French</td>
<td>Political Science</td>
</tr>
<tr>
<td>Business</td>
<td>Geography</td>
<td>Psychology</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Geology</td>
<td>Sociology</td>
</tr>
<tr>
<td>English</td>
<td>History</td>
<td>Spanish</td>
</tr>
<tr>
<td>Engineering*</td>
<td>Mathematics</td>
<td>Speech</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Communication</td>
</tr>
</tbody>
</table>

*Engineering bachelor's degree required.

**MASTER OF EDUCATION PROGRAMS**

**ADMINISTRATION AND SUPERVISION**

This Master of Education (M.Ed.) degree is to prepare administrators and supervisors with organizational, management, and instructional leadership skills. Admission requirements include: (1) certification in a teaching field, (2) at least two years of successful teaching experience or Rank II certification in an instructional area, (3) current U.S.F. graduate admission requirements, (4) College of Education requirements for admission to graduate study. Successful completion of the program leads to both the M.Ed. degree and Florida Rank II certification in Administration and Supervision.

**ED.S. PROGRAM**

The Education Specialist (Ed.S.) program has been developed to provide for state approved Rank I-A certification. The program offers specialization in Elementary Education, with emphasis on urban education. In addition, there are tracks under the elementary specialization available in (1) Early Childhood Education, (2) Exceptional Child Education, (3) Mathematics Education, and (4) Reading/Language Arts Education.

**PH.D. PROGRAM**

The Doctor of Philosophy degree is available in Education. Specialization is in Elementary Education with research emphasis on problems of urban education. In addition, there are tracks available under the elementary specialization in (1) Early Childhood Education, (2) Exceptional Child Education, (3) Mathematics Education, and (4) Reading/Language Arts Education.
Have you ever felt you would like to be the "somebody" who will do "something" about the many problems we face? Our modern society requires new, practical solutions to its many complex technological problems. Spearheading this action will be the engineer and the engineering profession. The engineer, as always, will continue to be responsible and obliged to use his/her knowledge for the benefit of mankind.

The increasingly rapid changes in our lifestyle place an ever stronger responsibility to society and our future on both those who are providing the engineering education as well as those who are being educated. The College of Engineering recognizes this in its approach to the education of tomorrow's engineers as well as in the content of the other programs under its direction which are vital to the technological progress of our society. Its curricula provide for an individual's development in both technical competency and human values.

The programs offered by the College of Engineering to meet the diverse requirements of the future can be broadly divided into two areas: Professional Engineering and Applied Science and Technology. The degrees and services associated with these areas are as follows:

**Professional Engineering Degree Programs**

- Bachelor of Science in Engineering degree (Professional Program)—various options
- Master of Science in Engineering degree (Thesis or Project)
- Master of Engineering degree (Non-Thesis)

**Applied Science and Technology Degree Programs**

- Bachelor of Science in Engineering Science degree—Computer Science Option
- Bachelor of Science in Engineering Science degree—other options
- Master of Science in Engineering Science degree—Computer Science Concentration

**Master of Science in Engineering Science degree—other concentrations**

- Doctor of Philosophy in Engineering Science degree (Florida State University transfer)
- Bachelor of Engineering Technology degree
- Computer Science Service Courses (Undergraduate and Graduate)

The above spectrum of program offerings provides the prospective student with a choice of avenues depending upon individual interests and capabilities for a significant technological contribution. These programs are described in more detail under their respective catalog headings.

Laboratory experience as well as real-world participation in technological problem-solving is a key aspect of a professional engineering or a technologist's college education. The College of Engineering, in implementing this need, augments its own modern laboratory and research facilities by close contact with the professional societies and the many industries in the metropolitan Tampa Bay area.

Students interested in particular programs offered by the College of Engineering should address their inquiries to the College of Engineering marked for the attention of the following:

- **Area of Interest**
  - Engineering Professional Program
  - Engineering Science
  - Computer Science
  - Engineering Technology
  - Teachers—Engineering Concepts
  - Computer Science Service Courses

- **Contact**
  - Specific department or Office of the Dean
  - Office of the Dean
  - Coordinator for Computer Science, Department of Electrical and Electronic Systems
  - Coordinator for Engineering Technology
  - Regional Center-Engineering Concepts
  - Curriculum Project
  - Department of Industrial Systems

**PROFESSIONAL ENGINEERING**

The Engineering programs of the College have been developed with an emphasis on three broad aspects of engineering activity—design, research, and the operation of complex technological systems. Students who are interested in advanced design or research should pursue the Five-Year Program leading to the Master of Science in Engineering degree. Other students interested more in operational responsibilities may wish to complete their initial engineering education at the baccalaureate level. For this purpose a Bachelor of Science in Engineering degree is offered which provides the student a broad education with sufficient technical background to effectively contribute in many phases of Engineering not requiring the depth of knowledge needed for advanced design or research.

The College of Engineering recognizes that modern engineering solutions draw on knowledge of several branches of engineering. It also recognizes that future technological and societal developments will lead to shifting of the relative emphasis on various branches of engineering, triggered by new needs or a reassessment of national goals. For this reason the College's program includes a strong engineering foundation (core) portion, designed to equip the prospective engineer with a broad base of fundamental, technical knowledge. To this foundation is added the student's specialization (option) of sufficient depth to prepare him/her to successfully embark on a professional career.

While the baccalaureate degree is considered the minimum educational experience for participating in the Engineering profession, and as such the first professional degree, students are strongly encouraged to pursue advanced work beyond the baccalaureate either at this or other institutions. It is becoming increasingly evident that a large segment of today's Engineering profession is involved in some form of post baccalaureate study. Engineers are earning advanced degrees in ever increasing numbers in order to obtain the information and training necessary to meet tomorrow's technological challenges. All are faced with the continuous problem of refurbishing and updating their information skills and most are obtaining advanced information by means of seminars, special institutes and other such systems designed for this purpose.

The Bachelor of Science in Engineering degree program, which requires 201 quarter hours, and the five year program leading
to the Master of Science in Engineering degree, which is an integrated program of 246 quarter hours, are the programs specifically designed to prepare an individual for a professional career as an engineer. Both programs have as their foundations a 152 quarter hour core of subject material encompassing Humanities, Social Science, Mathematics, Science, and Engineering which is required of all students. In addition to the core subject material each student will complete a specialization option under the direction of one of the administrative departments of the College. Those options which are available and the administrative unit responsible for the options are as follows:

<table>
<thead>
<tr>
<th>Option</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>All Departments</td>
</tr>
<tr>
<td>Chemical</td>
<td>Energy Conversion &amp;</td>
</tr>
<tr>
<td></td>
<td>Mechanical Design</td>
</tr>
<tr>
<td>Electrical</td>
<td>Electrical &amp; Electronic Systems</td>
</tr>
<tr>
<td>Industrial</td>
<td>Industrial Systems</td>
</tr>
<tr>
<td>Mechanical</td>
<td>Energy Conversion &amp;</td>
</tr>
<tr>
<td></td>
<td>Mechanical Design</td>
</tr>
<tr>
<td>Structures, Materials &amp;</td>
<td>Structures, Materials &amp; Fluids</td>
</tr>
<tr>
<td>Fluids</td>
<td></td>
</tr>
</tbody>
</table>

The Engineers' Joint Council for Professional Development has inspected and accredited the curricula of the College of Engineering defined by the Electrical, Industrial, Mechanical, and Structures, Materials & Fluids options.

**Preparation for Engineering**

The high school student anticipating a career in engineering should elect the strongest academic program that is available while in high school. Four years each of English, mathematics and science (preferably including Chemistry and Physics), as well as full programs in the social sciences and humanities, are most important to success in any engineering college. A foreign language, while not a necessity, provides a desirable background for students, many of whom will continue for advanced study.

Prospective students who are considering engineering at the University of South Florida who lack certain preparation in high school should elect to follow a program which will assist them in overcoming their deficiencies. One alternative might be that such a student select a summer program at the University of South Florida to update knowledge in mathematics and the physical sciences. Another alternative might be for the prospective Engineering student to take some remedial work and a less accelerated program at the University of South Florida. For financial or other reasons, students may wish to avail themselves of the state's system of junior colleges which offer a wide range of remedial course work, and many of which also offer full programs in pre-engineering (first two years' course work). The University of South Florida offers all required pre-engineering courses every quarter. Therefore, every student can start the program at that point where his/her prior education terminated, and can proceed from that point at a rate commensurate with the student's capability and time availability.

Junior college students planning to transfer to the University of South Florida's engineering program at the junior level from a State of Florida operated college or university should plan to graduate with an A.A. degree, thus completing their general education requirements. All transfer students should also complete as much of the mathematics, science and engineering core course work as is available to them. The University's College of Engineering is available to assist junior colleges in the development of course material and in the training of staff for their offering of applicable core pre-engineering course work. Junior college transfer students should note that in addition to freshman and sophomore level courses, all required junior level courses are given each quarter, thus permitting full continuity in studies for the student at all times.

The College of Engineering can assist students who are planning to obtain an Engineering degree from the University of South Florida and who have started their studies elsewhere in formulating a sound total program. Interested students should contact the Dean's Office furnishing sufficient detail to permit meaningful response.

**Admission to the College**

Freshmen and transfer students may elect to enter the College of Engineering's professional engineering program upon initial entry into the University by declaring the Bachelor of Science in Engineering degree program as their major. If not declared on initial entry, a student can at any time declare his/her intent to pursue the Bachelor of Science in Engineering degree program by applying in person in the Advising Office of the College.

To qualify for admission a student must have been accepted by the University as a degree-seeking student, must be in good academic standing, and must be otherwise acceptable to the College. Potential engineering students should note that the critical course structure of the engineering program makes it desirable to enter the program as soon as the interest in and potential ability for engineering is recognized. Students should note that the characteristics of the engineering program do not require an identification of the area of engineering specialization (option) at the time of declaring engineering as a major. Students need to make this decision no later than their junior year.

**Engineering Advising**

Effective pursuit of engineering studies requires careful attention to both the sequence and the type of courses taken. The engineering curriculum differs in key respects from the study plans of other majors—even in the freshman year. It is therefore important that each student plans a curriculum with, and has it approved by, a faculty adviser in the College of Engineering.

Students new to the University and students transferring from other colleges within the University must contact the Coordinator of Engineering Advising in the Dean's Office for a faculty adviser assignment prior to, or during their first registration. (Normally the new student is assigned an adviser and advised for the initial quarter as part of the University's Orientation program for new students.)

Students who have made a decision regarding the engineering option they plan to follow are assigned a faculty adviser in the department corresponding to their interest. Students who have decided to follow a program of engineering studies but who are undecided on the specialty are advised in the Dean's Office.

The student and adviser jointly work out a plan of study which meets both the student's career objectives and the College of Engineering's degree requirements. A student may change advisers with the concurrence of the new adviser and the Dean's Office. The advisers maintain the College of Engineering's student records. A student transferring within the University must declare the desire to change majors in the advising office of the College where the new major is housed.

Students are advised to buy calculators only after consultation with their adviser.

**Departments & Programs**

The supervision of the academic programs for the College is the function of the four administrative departments together with several coordinators. The departments are responsible for the professional program in engineering with the coordinators responsible for the special programs in Engineering Science, Engineering Technology, and Engineering Concepts. Each department is responsible for programs, faculty, laboratories and students assigned to it.

Engineering coursework identified as 300 level or higher is considered professional level work and students enrolling for this work must be pursuing an Engineering degree or have received prior permission from the Office of the Dean or the department chairman sponsoring the coursework.
Electrical and Electronic Systems
This department offers study in all areas fundamental to Electrical Engineering and the electrical sciences: circuit analysis and design, electronics, communications, electromagnetics, control, solid state, systems analysis, electronic computer design, etc. Basic concepts are augmented with well-equipped laboratories in networks, electronics, automatic control, digital systems, electromechanics, microwave techniques and communications. In addition, a small general purpose computer facility and a microelectronics fabrication laboratory are available to undergraduate and graduate students. The department administers the Electrical Option of the Bachelor of Science in Engineering (B.S.E.) degree program, the Master of Engineering (M.E.) degree program in Electrical Engineering, and the area of Electrical Engineering for the Master of Science in Engineering (M.S.E.) degree. This department also administers the bachelor's level Computer Science Option and the master's level Computer Science Concentration in Engineering Science.

Energy Conversion and Mechanical Design
This department offers study pertinent to the analysis and design of machines and systems needed by our modern society, through courses dealing with the classical Mechanical and Chemical Engineering subjects of lubrication, vibration and fatigue analysis, machine design, thermodynamics, heat transfer, environmental control, transport phenomena and reactor dynamics. In addition, it provides instruction in other fields of increased importance to the engineers of the future. Some of these fields are computer simulation, instrumentation, automatic control, power utilization, acoustics, and nuclear processes and the design and evaluation of innovative systems for energy utilization and pollution control. This department administers the Chemical and the Mechanical Options of the Bachelor of Science in Engineering (B.S.E.) degree program, as well as the area of Mechanical and Chemical Engineering for the Master of Science in Engineering (M.S.E.) degree.

Industrial Systems
This department offers study pertinent to the design, evaluation and operation of a variety of industrial systems ranging from service areas, such as data processing, to manufacturing plants. Topics include production control, inventory control, data processing systems design, statistics and operations research models. The department administers the Industrial Option of the Bachelor of Science in Engineering (B.S.E.) degree program, the Master of Engineering (M.E.) degree program in Engineering Administration, the area of Industrial Engineering for the Master of Science in Engineering (M.S.E.) degree and instructs students in Computer Service courses offered by the University of South Florida.

Structures, Materials, and Fluids
This department offers course work and study pertinent to Civil Engineering, Engineering Mechanics, and Materials Science. Topics included are structural analysis, design and optimization; metals, polymers, ceramics; solid and fluid mechanics, stress analysis, vibrations, continuum mechanics, aerodynamics, gas dynamics, wave propagation, numerical methods; water resources, waste treatment, environmental engineering, and hydropower engineering. The department administers the Structures, Materials and Fluids option of the Bachelor of Science in Engineering (B.S.E.) degree program, and offers several concentrations within this option. It also administers the area of Structures, Materials and Fluids for the Master of Science in Engineering (M.S.E.) degree.

Engineering Core
Both the four-year and five-year curricula of the College of Engineering are founded on a common core of course work which is required of all students. This course work is designed to give each student a thorough foundation of knowledge on which specialization studies and a professional career can be based.

Emphasis is placed on three key elements: a solid foundation in science and mathematics, a basic understanding in all major engineering disciplines, and familiarity with Social Science and Humanities — to develop the whole individual.

This common foundation of 152 minimum quarter hours breaks down as follows:
- Social Science and Humanities Core 47 credit hrs min
- Mathematics and Science Core 49 credit hrs min
- Engineering Core 56 credit hrs min

Special requirements exist for the Chemical option. Students selecting this field should make sure they familiarize themselves with these. Detailed information can be obtained from the Energy Conversion and Mechanical Design department or the College's Advising Office.

For more details please see Part II of this bulletin or contact the office of the Dean, College of Engineering.

FOUR-YEAR PROGRAM—BACHELOR OF SCIENCE IN ENGINEERING DEGREE

The Bachelor of Science in Engineering degree is awarded upon successful completion of a program consisting of the required three areas of core course work—minimum of 152 credit hours— which is described above, and an additional 49 credit hours of course work in a designated area of specialization (option). Details covering the options are available on request from the responsible department, or from the College’s Advising Office.

Options are offered in the following disciplines of engineering:

1. General Option (49 credit hours)
All professional departments may offer the general option which consists of 49 credit hours of course work individually arranged by the student with the approval of the student's adviser. This option is used where a student wishes to deviate from a prescribed disciplinary option utilizing course work from several different disciplines both within and without the College of Engineering.

Under this option a program in Biomedical Engineering includes course work in Biology (6 to 9 hrs.), Zoology (5 hrs.), Organic Chemistry (5 to 10 hrs.), Biomedical Systems Engineering (9 hrs.), an approved Senior Project in the biomedical area, and electives to complete the 49 credit hours specialization.

Pre-medical students follow a slight modification of this program which permits them to meet normal admissions requirements of medical schools.

Pre-law students find this option permits a strong technical and legal academic preparation.

2. Option in Chemical (49 credit hours)
Students pursuing the Chemical Option take designated, specialized course work in advanced chemistry, thermodynamics, energy conversion, separation processes, transport phenomena, heat and mass transfer, reacting systems, process control systems, as well as approximately 15 credit hours of chemistry and technical electives. Students must also satisfactorily complete a design and/or case study as part of their program. Special characteristics of the chemical option make it imperative that students retain constant close contact with their adviser.

Students completing this option normally pursue careers in chemical process industries, in public service (regulatory, planning and/or environmental), or in consulting or research. Products covered include paper and pulp, petroleum and petrochemicals, polymers and fibers, synthetics, pharmaceuticals.
foods, fertilizers, etc. Such modern societal problems as controlling pollution, handling wastes, advancing medical technology, providing food and energy more efficiently, etc. depend on the chemical engineer, among others, for their solutions.

3. Option in Electrical (49 credit hours)

Students pursuing the Electrical Option take designated, specialized course work in network analysis, electronics, communications, electromagnetic theory, linear system and control system analysis, and microelectronics. This course work is supplemented by electives in logic, sequential circuits, and digital system design; distributed networks and UHF principles; and/or electromechanics and power system analysis. Students must also complete a Design Project prior to graduation.

Students completing this option normally pursue industrial careers in the power, electrical, electronic, or information industries or in related governmental laboratories and public service agencies. The electrical graduate may apply his/her knowledge to such diverse areas as television, communications, remote guidance, sensing (of people, vehicles, weather, crops, etc.), automation, computer and information systems, electric power generation and transmission, electrically propelled transportation, etc. The graduate may do this by performing needed engineering functions related to the research and development (often requires also an advanced degree), design, production, operation, sales, or management of these products/services.

4. Option in Industrial (49 credit hours)

Students pursuing the Industrial Option take designated, specialized course work in industrial processes and production control; engineering valuation; network modeling, computer simulation and systems analysis; operations research; design of experiments and engineering statistics. This course work is supplemented by courses in production and facilities design; computer languages, systems, and projects; and quality control.

Students completing this option enter careers in a broad range of industries, businesses and governmental and public service areas. Their preparation covers activities common to all types of organizations: planning, analysis, implementation, and evaluation. In addition to traditional career opportunities in production and process areas of high-volume industries, the industrial graduate nowadays finds challenging careers in hospitals, transportation and service industries, and in municipal, county, state and federal administration.

5. Option in Mechanical (49 credit hours)

Students pursuing the Mechanical Option take designated, specialized course work in thermodynamics and heat transfer; physical measurements and energy conversion; machine analysis and design; mechanical design and controls; and fluid machinery. This is supplemented by elective coursework in such areas as power plant analysis, nuclear and reactor engineering; refrigeration and air conditioning; acoustics; lubrication; and vibration and balancing.

Students completing this option normally enter careers as design, consulting, research and development, or sales engineers in a wide range of industries which either turn out mechanical products or rely on mechanical machines, devices and systems for their production. Thus, mechanical graduates follow careers in such industries as vehicles and transportation, energy generation and conversion, instrumentation and automatic control, machinery, and heating and refrigeration. In industries which process their products mechanically (foods, some chemical, paper, waste, etc.) mechanical graduates also have career opportunities as plant or construction engineers, being responsible for the installation, operation, and maintenance of major mechanical system complexes.

6. Option in Structures, Materials and Fluids (49 credit hours)

Students pursuing the Structures, Materials and Fluids Option take designated coursework in solid mechanics, stress analysis, and structures; materials; fluid mechanics; engineering analysis applied to this discipline and a senior research/design project. This course work is supplemented by courses in one of the following areas of concentration, plus electives.

a. Structures concentration—courses in structures, structural design and engineering materials.

b. Materials concentration—courses in engineering materials, polymers, corrosion, and materials processes.

c. Fluids concentration—courses in fluid mechanics, aerodynamics, and water resources.

d. Civil Engineering concentration—courses in structural design, transportation, water resources and soil mechanics.

e. Water Resources concentration—courses in water resources and hydrology.


Students completing this option enter careers as engineers in the civil, structural, sanitary, environmental, hydraulics, materials, engineering mechanics, aeronautical, etc. disciplines. All of these fields share the need for knowledge in the areas of engineering mechanics, civil engineering, and materials science. Through choice of the proper area of concentration the student has the opportunity to channel his academic studies specifically towards his/her career choice. Structures, Materials and Fluids students commence their engineering careers in either industry, with engineering consulting firms, or in public service at the federal, state or local level. Initial assignments include planning, design and implementation of water resources, transportation and housing systems; regional planning, design and management for abatement of air, water and solid waste pollution problems; research and development of new materials, material processes and testing procedures; design of bridges, single and multistory structures; supervision of construction projects.

FIVE-YEAR PROGRAM—MASTER OF SCIENCE IN ENGINEERING DEGREE (EGG)

This program consists of a minimum of 152 credit hours of core course material plus 94 credit hours of specialization including a maximum of 18 hours of research or design project. Students are admitted to this program early in the beginning of their
fourth year of study based on an evaluation by the faculty of their department. Unlike the traditional master's degree, which is attempted as a fifth year after completion of the baccalaureate degree, in this program both the fourth and fifth years are open to graduate level course work and additional calendar time is available for design or research projects.

The program leads concurrently to both the Master of Science in Engineering degree and the Bachelor of Science in Engineering degree with the specialization phase of the program being individually arranged and involving course work, design, research and/or operational experience. Should the student be unable to complete the full five years, the baccalaureate can be awarded provided the requirements for that degree have been met. Either an engineering report or a research thesis is required. See later section relative to master's program for additional information.

### Engineering Master's Degree Programs

The College of Engineering offers three professionally oriented programs leading to a degree at the master's level. These are the post-baccalaureate Master of Science in Engineering degree program, Master of Engineering degree program, and the Five-Year Master of Science in Engineering degree program. Each professional department may elect to award one of these degrees depending upon prior arrangements with the student. Admission to the master's program is dependent upon a favorable evaluation by the department concerned. Applicants are expected to meet the minimum requirements of the University and those outlined below and in addition any special requirements specified by the departments and reported to the Dean of the College. Other requirements may be considered.

#### POST-BACCALAUREATE MASTER OF SCIENCE IN ENGINEERING DEGREE

This graduate program of the College is designed for those students wishing advanced study which is research or design oriented.

**Entrance Requirements**

1. A baccalaureate degree in Engineering from an approved institution is required. Degrees in Mathematics, Physics, Chemistry and other fields may be accepted on an individual basis to meet this requirement. In such cases it is probable that supplemental remedial work in engineering will be necessary.

2. A minimum total score of 1000 on the verbal and quantitative portions of the Graduate Record Examination and a minimum grade point average of 3.0 out of a possible 4.0 for all work attempted during the last two years of undergraduate work is required.

3. Those who do not meet the regular entrance requirements may attempt a trial program as a Special (non-degree seeking) Student. Up to 12 hours of work attempted on this basis may be accepted into a graduate program upon satisfactory completion. Before attempting such a trial program the student should determine from the departmental adviser a list of courses and performance criteria for admission.

**Program Requirements**

1. A minimum of 45 credits of approved course work is required.

2. An overall grade point average of 3.0 is required for all work attempted in the program. No grade below "C" may be accepted in a graduate program. In the event that a student's average drops below 3.0 the student will be placed on a probationary status and must obtain a directed program from his/her adviser approved by the Dean prior to continuing course work toward the degree.

3. All students are required to pass a final comprehensive examination which may be written or oral prior to awarding the degree. These examinations are arranged and administered by the student's graduate committee.

4. Students in this program must complete a design or research project on which up to 9 credits may be used to fulfill degree requirements. The course 699 with the appropriate departmental prefix is to be used for this purpose.

5. If a thesis is submitted it must be in accordance with the *Handbook for Graduate Theses and Dissertations*, University Graduate Council. For design projects a comprehensive report must be filed with the Office of the Dean of Engineering following, where practical, the guidelines of the handbook.

The students working on design and research projects must register for a minimum of 3 credits of course 599 or 699 with the appropriate departmental prefix each quarter the staff, facilities and laboratories of the University are used whether or not the student has accumulated the maximum credit allowed for research or design toward the degree. All students must register for 3 credits of course 698 or 699 with the appropriate departmental prefix during the quarter in which they submit their thesis or project report.

#### MASTER OF ENGINEERING DEGREE PROGRAM

This non-thesis degree program is designed primarily to meet the needs of engineers actively engaged in the profession who wish to pursue graduate study at the master's level.

**Entrance Requirements**

Entrance requirements for the Master of Engineering program are the same as those for the post-baccalaureate Master of Science in Engineering degree program. It is usually expected that those applying to this program will be experienced or actively engaged in the engineering profession.

**Program Requirements**

1. A minimum of 45 credits of approved course work is required.

2. Students must maintain overall grade point average of 3.0 out of possible 4.0. No grade below "C" will be accepted in a graduate program. In the event that a student's average falls below 3.0 the student will be placed on probationary status and must obtain a directed program from his/her adviser and approved by the Dean.

### OTHER REQUIREMENTS FOR ENGINEERS

Special requirements for engineers exist in the following areas:

1. Humanities and Social Science
2. English
3. Mathematics
4. Continuation in program
5. Graduation

For more details, please see Part II of this Bulletin or contact the Office of the Dean, College of Engineering.

Foreign students must note that the College requires that they have taken, for advising purposes, the Test of English as a Foreign Language (TOEFL), and have the scores sent to the University's Admissions Office. A full-time student is expected to achieve a score of 550 or better.
prior to continuing further course work toward the degree.
3. All students are required to pass a final comprehensive examination which may be written or oral prior to awarding the degree. These examinations are arranged and administered by the student's department.
4. Students in this program must register for 3 credits of course 698 with the appropriate departmental prefix during the quarter in which they apply for the degree. This will be used as preparation for and administration of the final examination. This credit may not be used as part of the course work requirement.

THE ENGINEERING FIVE-YEAR MASTER'S DEGREE PROGRAM

This program consists of a minimum of 246 credits of course work and results in concurrent awards of the Bachelor of Science and Master of Science in Engineering degrees. Unlike traditional master's programs following the baccalaureate degree, in this program both the fourth and fifth years are open to graduate level study and additional calendar time is available for research or design projects.

Entrance Requirements
1. Students who have senior standing (135 credits) with at least 24 credits completed at the University of South Florida in the engineering curriculum may apply for admission to the Five-Year Program.
2. A minimum total score of 1000 on the verbal and quantitative portions of the Graduate Record Examination is expected.
3. Above-average performance in the engineering program is expected.

APPLIED SCIENCE AND TECHNOLOGY

Several degree programs and a series of courses are offered by the College of Engineering which are designed for students who do not wish to pursue professionally oriented degree programs in engineering but who wish to obtain a technical background coupled with other interests. The programs available can be broadly divided into two areas: ENGINEERING SCIENCE and ENGINEERING TECHNOLOGY and are discussed in more detail below.

Engineering Science

Engineering Science is an applied science discipline which relates to new and innovative areas of endeavor at the frontiers of technological development and research. It represents a marriage between basic science and its utilization in such varied fields as computer science, biology, social and environmental sciences, applied mathematics, ocean engineering, and energetics. The common denominator to this wide range of subjects is a strong foundation in rigorous scientific and engineering principles and practices.

This training provides a most desirable background for graduate study in the areas of concentration mentioned and in other professional areas such as law, medicine, and business.

Preparation for Engineering Science

Students anticipating pursuit of studies in Engineering Science should follow the guidelines given for Engineering in this bulletin when planning their high school and/or community college studies.

Admission to Engineering Science

Admissions requirements and procedures are the same as for Engineering.

Engineering Science Advising

Students pursuing a course of study in Engineering Science are assigned to an adviser who is familiar with the requirements of this program and whose special interests match the student's specialization objectives. Comments and requirements spelled out in the section on Engineering Advising in this bulletin are applicable to this program.

FOUR-YEAR PROGRAM—BACHELOR OF SCIENCE IN ENGINEERING SCIENCE DEGREE

The College of Engineering offers a curriculum leading to the Bachelor of Science in Engineering Science degree which stresses the scientific aspects of engineering. The curriculum is a four year program with a minimum requirement of 180 quarter hours, providing the student with an unusual depth of study in mathematics, science, and engineering without limiting the opportunities to broaden one's education in humanities and social sciences. The exact composition of the curriculum followed by a given student is determined by the student with the advice and consent of the academic adviser, and based on the option chosen.

An option in Computer Science provides a continuum of training and knowledge in the foundations of information processing. Courses range from studies in software and programming, data structures, operating systems, and systems analysis to the analysis of computer architecture and organization, logic design, automata theory, hardware simulation, and reliability
considerations. Finally a number of specialized electives allows concentration on applications of computers to a variety of activities such as scientific computation, computer-aided design, business systems, biomedical research, and pattern recognition. This program is administered through the Coordinator for Computer Science Program, Department of Electrical and Electronic Systems.

An option in Applied Mathematics covers applied analytical techniques to establish a more fundamental understanding of basic physical phenomena leading to engineering applications. Areas of mathematics considered from an applied viewpoint include modern algebra, theory of algorithms, classical advanced calculus, complex variables, probability and statistics, numerical procedures, approximation theory, operations research, and applied mathematical programming. The use of computers is emphasized. This program provides the student with an opportunity that is not available in either a pure mathematics curriculum or in a design-oriented engineering program.

An option in Biomedical Systems provides a background for those anticipating a medially oriented career. The simulation and analysis of human systems and the computer processing of biomedical data (such as cardiac, pulmonary, and neural signals) form typical areas of concern.

An option in Environmental Science is available for students who desire to develop a broad interdisciplinary background necessary for careers in environmental protection with industry and government. Training is provided in the sociological sciences of politics, government, and social science; the communication arts (speaking and writing); and the scientific and technological aspects of air, water, and noise pollution.

Other options are available in such areas as Ocean and Energetics.

Baccalaureate Requirements (minimum 180 credit hours)

The Bachelor of Science in Engineering Science degree program requires a strong foundation in mathematics and science, foundation course work in the humanities, social sciences, and other non-technical areas, a basic knowledge of engineering fundamentals, and culminates in approximately one year of specialized—often interdisciplinary—studies. These basic requirements are further listed below.

1. Humanities, social science, and other non-technical areas requirement (42)
2. Mathematics and science requirements (45)
3. Engineering Science core requirement (41)
4. Specialization requirement (52)

(There may be minor variations from these numbers in a defined option.)

Other Requirements for Engineering Science

The English, Mathematics, Continuation, and Graduation requirements for the Engineering degree program are applicable to the Engineering Science degree program.

Students with a Computer Science option will not be given credit towards their degree for Computer Service Courses (ESC) taken without prior consent of their adviser.

FIVE-YEAR PROGRAM—MASTER OF SCIENCE IN ENGINEERING SCIENCE DEGREE

Students who at the beginning of their senior year are clearly interested in graduate study are invited to pursue a five-year program of study leading simultaneously to the Bachelor of Science in Engineering Science and Master of Science in Engineering Science degrees. The keys to this program are:

1. A two-year research project extending through the fourth and fifth years.

2. The opportunity of taking graduate courses during the fourth year and deferring the taking of senior courses to the fifth year. The requirements for the combined degrees do not differ from those for the two degrees pursued separately.

Students apply for admission to this program through their adviser, and he should be consulted when additional information is needed. General requirements include:

1. Senior standing (135 credits) with at least 24 credits completed at the University of South Florida in the engineering science curriculum.
2. A minimum score of 1000 on the verbal and quantitative portions of the Graduate Record Examination is expected.
3. Above-average performance in the engineering science program is expected.

Students following the Computer Science option can obtain through this program the deeper specialization required of those engaged in advanced research and development.

POST-BACCALAUREATE—MASTER OF SCIENCE IN ENGINEERING SCIENCE DEGREE

The admission and program requirements (minimum 45 credit hours) for this degree are essentially the same as those itemized for the Master of Science in Engineering degree page 63.

Students entering the Computer Science concentration of this program without a baccalaureate degree in Computer Science may have to take supplemental remedial coursework.

DOCTOR OF PHILOSOPHY DEGREE IN ENGINEERING SCIENCE

Doctoral students previously enrolled at The Florida State University may complete their degree program at the University of South Florida under the catalog requirements in effect at the time of their graduate admission to The Florida State University (or as revised).
Engineering Technology

The College of Engineering offers a program leading to the degree of Bachelor of Engineering Technology to serve educational needs in engineering-related areas. The program normally provides for two years (90 min. credit hours) of study at the University of South Florida following two years (90 credit hours) of successful study in an engineering technology program which has lead to an Associate of Science degree. Many programs of the State System of Community Colleges uniquely mate with this program.

BACHELOR OF ENGINEERING TECHNOLOGY

Upon completion of their full four years of study leading to the award of the Bachelor of Engineering Technology degree, students will have gained a well-rounded background concentrated in the following areas: Engineering Technology, Mathematics and Science, Liberal Arts and Social Science, and Management and related areas (including Computers). A student who has completed this program should be adequately prepared to assume career responsibilities in technical, technical supervision, or technical executive positions. Prospective students should note, however, that this program is not intended to be an engineering program. Rather, its function is to bridge the gap between design or research professional engineers, technicians, and management. It is for this reason that the program consists of a balance of course work in technical, management, and Liberal Arts and Social Science areas.

A typical student pursues the bulk of the Engineering Technology course work, together with much of the mathematics and science course work within the framework of a junior college Associate of Science degree engineering technology program. Most of the Liberal Arts and Social Science course work, Management and Computer-oriented studies, and some additional engineering technology course work is taken by the student at USF during the junior and senior year. The typical four years of study thus exhibit approximately the following course work distribution (in credit hours):

- Engineering Technology ......................... 80
- Management & related studies .................. 30
- Liberal Arts, Social Science and Electives .......... 48
- Mathematics and Science ....................... 22
- Total ........................................... 180

Specific students' programs may deviate from this balance to some extent due to the differences in the students' first two years' program contents.

At USF a portion of each student's program may be used for one of the areas of concentration listed below.

- Air Conditioning Engineering Technology
- Computer Systems Technology
- Construction Technology
- Electrical Power Engineering Technology

Computer Service Courses

Recognizing that the general purpose digital computer has made significant contributions to the advancement of all elements of the academic community and that it will have an even greater impact in the future, the College of Engineering offers several levels of credit course work, undergraduate and graduate, to serve students of all colleges in order that they may be prepared to meet the computer challenge.

Computer-oriented courses are offered in two broad categories: (1) those courses which are concerned with the operation, organization and programming of computers and computer systems from the viewpoint of examining the fundamental principles involved in computer usage; and (2) those courses which are concerned with computer applications to a variety of different disciplines, by means of user-oriented-languages such as FORTRAN, PL/1 and COBOL.

In order that the students may derive maximum benefit from the courses, according to their interests, the courses are further divided into two groups: (1) those courses of general interest to a wide variety of disciplines; and (2) those courses of particular interest to students in engineering and the physical sciences.
COLLEGE OF FINE ARTS

One of the most significant contributions the United States has made to post-secondary education is the inclusion of the creative arts. Career-oriented students, specialty-minded faculty and people of all ages in and out of the classroom benefit from the creative arts on the campus. Imaginatively conceived exposure to the arts can be a powerful antidote against the narrowness which currently afflicts too many academic programs.

Willard L. Boyd, President University of Iowa

The College of Fine Arts serves the three-fold purpose of providing programs of study, theatres of practice, and programs of events for the University family, the surrounding community, and the citizens of the State of Florida.

Its prime objectives are: (1) to provide a broad but thorough education dedicated to the development of professional excellence in those who are highly talented in the fine arts, (2) to foster this feeling and commitment to aesthetic excellence in those preparing for teaching, and (3) to provide curricular studies and extracurricular activities designed to enrich the life of the general University student and contribute to the overall human environment of the University community.

In addition to offering degree programs in the departments of Art, Dance, Music, and Theatre Arts, the college is the home of the Florida Center for the Arts, the GRAPHICSTUDIO, and SYCOM.

Programs in art education and music education are offered jointly by the College of Fine Arts and the College of Education. Studio and history courses in art, vocal and instrumental music for these programs are offered by the College of Fine Arts. (See programs under the College of Education.)

Florida Center for the Arts

In 1968, the University of South Florida created the Florida Center for the Arts as a unit within the College of Fine Arts. The various personnel and fine arts programs on campus were consolidated into one administrative structure to more efficiently concentrate on all three areas of the university's responsibility—education, research, and community service.

The functions of the Florida Center for the Arts are as follows:

1. To initiate and conduct programs which will bring students and the general public into contact with the highest level of professional activity in all the arts.
2. To offer opportunities for students and public to have direct contact with professional artists.
3. To conduct programs which will allow opportunity for specialized professional study or training in areas not covered by the regular academic structure of the University.
4. To develop programs which can relate the public school system to professional cultural activity.
5. To sponsor research and develop research facilities relative to the development of the arts.
6. To create exhibition and performance programs available for use on campus and throughout the state.
7. To plan and develop physical facilities for the Florida Center.
8. To conduct conferences, seminars and symposiums in the arts for general public exposure.
9. To make available professional consultant services.
10. To provide a technical and design center for the performance areas in the College of Fine Arts.

The Florida Center is a service unit to the academic departments of the College and, also, supplements their educational functions with imported professional activity of the highest quality. The Center sponsors the performing artist series, the film art series, exhibitions in three galleries, and residencies of professional dance companies. In conjunction with the academic departments, it co-sponsors visits of performing and visual artists to the GRAPHICSTUDIO and other programs. The activities of the Center allow personal exposure of students to important creative talents and offer the serious Fine Arts major an invaluable educational opportunity.

Visiting Artists and Artists-in-Residence Programs:

The remarkable extent, the wide diversity, and the superlative quality of the programs initiated and conducted by the Florida Center for the Arts reflects the desire of a major university and its College of Fine Arts to use its resources for the broadest possible educational and cultural advantages.

Only a partial listing of individual artists and performing groups of outstanding caliber sponsored by the Florida Center for the Arts includes:

- John Cage
- The Guarnieri String Quartet
- Lorin Hollander
- The Julliard String Quartet
- The New York Pro-Musica
- Elizabeth Schwartzkopf

More extensive lists of professional artists and performing organizations appear in this Bulletin under the sections of the specific units in the College of Fine Arts in which research, demonstration, teaching and other educational activities have directly instructed and otherwise benefited students. See Visiting Artists and Artists-in-Residence: under Art on page 71; under Dance on page 71; under GRAPHICSTUDIO on page 68; under Music on page 72; under Theatre Arts on page 73.

GRAPHICSTUDIO

GRAPHICSTUDIO was established in January, 1969, as a cooperative program between the Department of Art and the Florida Center for the Arts at the University of South Florida.

The development of the studio has been substantially aided by contributions from The National Endowment for the Arts. Washington, D.C.; The Syracuse China Corporation, New York: from students and local patrons.

GRAPHICSTUDIO at the University of South Florida was established to facilitate the production of prints in an atmosphere in which the artist is freed from the pressures of a commercial atelier. Artists are invited to participate for a period totaling approximately six weeks for proofing and editioning of their work.

The workshop is devoted to technical excellence and experimentation within a framework flexible to the needs of the artist. It is a non-profit studio which prides itself on the multiplicity of activities that it serves. Besides being a resource to the artist, it serves as a vehicle through which students and the community can have the opportunity to communicate with some of the most innovative artists on the current scene. The dialogue growing out...
of such a situation serves as an educational tool of prime quality. In addition, prints retained by the University are mounted in exhibitions for use on campus and are loaned without charge to other institutions.

GRAPHICSTUDIO is devoted to the creative act and to affecting students and public through contact with artists and the eloquence of their art.

Visiting Artists in GRAPHICSTUDIO:

The College of Fine Arts' continuing and ever-expanding commitment to the practice of bringing the most accomplished artists available to its GRAPHICSTUDIO has achieved both national and international recognition for its inclusion of such prestigious artists as: Richard Anuszkiewicz, Arakawa, Larry Bell, Jim Dine, Charles Hinman, Nicholas Krushenklick, Philip Pearlstein, Mel Ramos, Robert Rauschenberg, Jim Rosenquist, Edward Ruscha, Richard Smith, Adja Yunkers. (Also see listing of Visiting Artists and Artists-in-Residence in the Art Department on page 71 of this bulletin.)

SYCOM

The Systems Complex for the Studio and Performing Arts—SYCOM—provides staff, courses of study, service and facilities to encourage active participation in ongoing art research by faculty and students in the College, members of the University community, citizens in the Tampa Bay area and distinguished artists and scientists in residence.

The facilities, already equipped and operating in SYCOM, are: Digital Studio—The PDP 11/10 computer provides an advanced, state-of-the-art system for innovative teaching and research in computer assisted music composition, graphic, spatial, kinetic, and filmic arts. Digital-to-analog as well as analog-to-digital converters interface the computer with various voltage controlled devices. Analog Studio—Two Moog-10 synthesizers, a 100-series Buchla Electronic Music System, multi-channel tape machines and a master console for 16-channel quad-mixing are the heart of the analog system for SYCOM. Each unit is capable of being controlled by the PDP 11/10. Real-Time Applications is a small recording studio and workshop for electronic music performance experiments. Video Studio, still in the planning stage, proposes the acquisition of a graphic display unit to interface with the PDP 11/10, making possible the synthesis and control of light design on the face of a cathode ray tube. Systems Research Lab maintains, coordinates and interfaces the various studies of SYCOM.

SYCOM serves all areas of the College of Fine Arts, as a meeting place for students, faculty artists and scientists, whose interaction stimulates creative research and teaching in art-technology.

The facilities, technical staff, and faculty associated with SYCOM make possible an array of courses related to various areas of art-technology. Both the Electronic Music Sequence and the Film and Video Sequence offer comprehensive programs of study through the undergraduate years, as well as graduate study. Future art-tech workshops and expansion of current course offerings, particularly in art, theatre and dance, will enhance the program further.

In SYCOM, individual or group projects, sponsored by SYCOM or by extramural granting agencies are highly appropriate. Project results are manifest in public lectures, performances, reports, publications, exhibits, or in large theatrical events and special workshops, often in contexts such as Sound Gallery, the Event Complex Series, SONOGRAPH, SYCOM Report, and the summer teaching program, Art-Tech Workshop.

Interdisciplinary Study

In spite of the fact that an undergraduate interdisciplinary degree program is not formally offered in the College of Fine Arts, it is nevertheless possible for a student to pursue what amounts to an interdisciplinary program of study in the College when the student is able (or when he sees fit) to utilize the 35 hours of Free Electives allowed him toward that end.

To suggest an example, an arts-oriented student may be equally (or almost equally) interested in two of the four undergraduate degree disciplines offered by the respective departments in the College of Fine Arts—Art, Dance, Music, Theatre Arts (the Bachelor of Arts degree, in each case). To further extend the example, the student might complete the major course requirements in the Art department (and, with other requirements met, receive the B.A. degree in Art) and at the same time utilize all of his 35 Free Elective hours for course work in the Music department. A student majoring in Art might also divide his 35 Free Elective hours between the Departments of Music, Theatre Arts, and Dance for an even broader interdisciplinary approach. A student wishing to be involved in more than one area in the College should consult with his major department adviser or with the Coordinator of Advising in the College to determine if an interdisciplinary sequence of study might be tailored to suit his particular needs.

BACCALAUREATE LEVEL DEGREE PROGRAMS

The life of the arts, far from being an interruption, a distraction, in the life of a nation, is very close to the center of a nation's purpose—and is a test of the quality of a nation's civilization.

John F. Kennedy

Admission to the College

A freshman student may elect to enter the College of Fine Arts as a potential major in one of the four departments as early as his initial entry into the University, provided that he has completed his first advisory period with the Division of University Studies. At that time, the new freshman has to correctly indicate his College and major choice. However, any student in the University in good standing, at whatever level, at any time (even in the middle of a quarter), can apply to change from an area in the College to another major or Undecided to a major in the College of Fine Arts irrespective of and without affecting course work in progress. The student desiring to make this change must acquire his advising records from his present adviser and take them to the College of Fine Art's advising office, where new records will be initiated and maintained upon acceptance.

Transfer students and students from other units of this University with previous college or university fine arts course credits (art, dance, music, theatre) must have such courses evaluated by meeting the appropriate portfolio or audition requirements when they seek admission to the College of Fine Arts. These students are urged to make early arrangements for any necessary portfolio reviews or auditions, as well as advising appointments, since these must take place prior to course scheduling and registration. Further, students are required to take their own copies of their transcripts showing all previous college or university course work to advising, portfolio review and/or audition appointments. Additional information may be obtained and appointments may be made by telephoning or writing the College's advising office or the office of the department of particular interest.

Programs Leading to the Baccalaureate Degree

The College of Fine Arts has programs leading to the Bachelor of Arts degree in the following fields:

Art
Dance
Music
Theatre Arts

Advising in the College

The College of Fine Arts operates a central advising office located in the Fine Arts Building, staffed full time by the Coordinator,
his assistant, and a secretary. This central advising facility is open daily from 8:00 a.m. to 12:00 noon and 1:00 p.m. to 5:00 p.m. throughout the University work year. It maintains the records of all major students in the College (art, dance, music, theatre) and provides ongoing day-to-day academic advising and assistance to all students who seek it whether they are majors in the College or are potential new students or transfers from outside the University or from within. Upon admission to the College, the student with a declared major will be counseled in his selection of courses by an adviser from the major field. He will then plan the remainder of his college program to fulfill his educational needs and satisfy requirements for the Bachelor of Arts degree. The Dean will generally supervise his progress and ultimately certify the student for the degree.

Course Availability in the College

Any student in the University may take any course in any one of the various programs in the College appropriate to his level when he has the prerequisites for the course and when there is a vacancy in the course at the time of the student's registration.

Graduation Requirements

The College of Fine Arts currently offers one undergraduate degree, the Bachelor of Arts (B.A.), attainable in the Departments of Art, Dance, Music and Theatre Arts. These requirements are referred to on page 32 of this catalog, but are briefly summarized here:

1. 180 credits with at least a "C" average (2.0) in work done at the University of South Florida. At least 60 of the 180 credits must be in courses numbered 300 or above.
2. Departmental Requirements: Completion of a major in a subject or an integrated major involving several subjects with a minimum of 63 credit hours (except for music majors—see item #6). Waiver for credit of up to 18 credit hours is possible by demonstration of competence. Review is by Faculty Committee.
3. Free Electives: To allow the student the opportunity to choose between a greater breadth and a greater depth of experience. 35 credit hours of free electives (except for music majors) are permitted, only 28 hours of which may be taken in the department of the student's major.
4. Special Requirements: Except for students majoring in music, at the discretion of the other departments of the College, students may be required to take up to 22 hours of courses outside the major department which are deemed necessary to meet the particular needs of individual students engaged in special areas of study in that department. All majors must take at least 9 hours in one or more of the other departments of the College.
5. General Distribution Requirements: The remaining 60 credits of the student's 180 credit hour degree requirement may be satisfied by completing the University's General Distribution Requirement as explained on page 31 of this catalog. This requirement may also be satisfied by the A.A. degree holder from a Florida Junior or Community College or from another State University with General Education requirements met. The General Education requirements being broadly acceptable as the equivalent of the General Distribution requirements. (In this case, the College of Fine Arts will accept a total of 90 quarter transfer hours from the A.A. degree holder.) The A.A. degree is in no way a requirement for acceptance into the College of Fine Arts (or into any one of its upper level degree programs), or a requirement for graduation from the University.
6. Music Departmental Requirements: Students majoring in music must complete 96 specified departmental credits, 7 credits of Free Electives, 8 credits in the Special Requirement area, plus 9 credits in one or more of the other departments of the College.
7. To be eligible for graduation, a student must earn 45 of the last 90 hours of credits in residence at the University of South Florida. However, any course work to be taken and any credits to be earned outside of the University to be applied toward graduation from the University must have prior specific approval in writing from the student's academic major adviser, from the Chairman of the student's major department, from the Coordinator of Advising for the College, and from the Dean of the College.
8. Specific questions concerning program requirements for the B.A. degrees in the College, or any other problems needing particular personalized clarification, should be directed to the Coordinator of Advising and Director of Graduate Studies, College of Fine Arts, University of South Florida 33620.
9. The responsibility for seeing that all graduation requirements are met rests with the student.

MASTER'S LEVEL DEGREE PROGRAMS

The College of Fine Arts offers two master's level degree programs, the Master of Fine Arts (M.F.A.) in the Art department and the Master of Music (M.M.) in the Music department. The general University admissions requirements for graduate degree-seeking status and the regulations of the University governing graduate study are described beginning on page 41 in this bulletin. The general University application procedures are explained on page 13. When all of the information required for general acceptability into the University is received in the Graduate Admissions Office, the information gathered by that office will be forwarded to the appropriate department in the College of Fine Arts where the applicant's final acceptance or rejection is actually determined.

Master of Fine Arts Degree (Art)

For consideration of acceptance into the Master of Fine Arts degree program, it is required that the applicant submit a portfolio of his work directly to the Coordinator of Graduate Studies in the College of Fine Arts. The portfolio usually consists of 35mm slides for convenience in shipping, handling and presentation. Legitimate exceptions to this "rule" are naturally acceptable, such as when the applicant's work is comprised of film or video tape, or in such other obvious cases when the nature of the work does not lend itself to slides, or when the work can be displayed or presented more conveniently and/or more effectively by delivering it personally to the Art department, or when the work itself and/or additional work is requested by the Art department to be sent or brought in. The "portfolio" should indicate a competent level of involvement in an area (or areas) of visual exploration and, when mailed, must be posted directly to the Coordinator of Graduate Studies, College of Fine Arts, University of South Florida, Tampa, Florida 33620, with a self-addressed return label and return postage.

A personal interview with an applicant is sometimes (though infrequently) requested by the Art department when it is considered necessary (and reasonable) in order to arrive at a final decision regarding the applicant's acceptability into the graduate program. Travel in connection with any interview, requested by the Art department or by the applicant, is naturally at the applicant's own expense. An applicant who would seek consultation with the Coordinator of Graduate Studies, with the Art
Master of Music Degree

The applicant seeking acceptance into the Master of Music Degree program must meet the University's general admissions requirements and make formal application for general University acceptability with the Graduate Admissions Office. Concurrently, or even before, but certainly not appreciably later, the applicant must arrange to fulfill the specific acceptance requirements in the Music department (of the College of Fine Arts). Full acceptance can not be given until the applicant satisfies: (1) performance audition, (2) placement examinations in music theory-literature and piano. (See page 72 for “Requirements for the M.M. Degree” under “Music”.) Dates and times for auditions and examinations may be obtained by telephoning or writing the Music department. College of Fine Arts. Persons to contact directly are the Chairman of the Music department and the Graduate Music advisor, or the Coordinator of Graduate Studies (College of Fine Arts) for referral.

SYCOM

The applicant for either of the graduate programs in the College of Fine Arts is urged to refer back to page 68 for the description of SYCOM, the Systems Complex for Studio and Performing Arts. SYCOM is conceived to be a meeting lab for sculptors, composers, actors, dancers, film-makers, poets and other creative types, and is available to faculty, students at all levels, and visiting artists. SYCOM provides for the broadest and the most intensive kind of creative interaction out of which new art forms and media are allowed to develop and thrive.

Interdisciplinary Study

Upon consultation with the Coordinator of Graduate Studies, the Chairmen and the Graduate Advisers in the departments involved, and the Dean of the College of Fine Arts, an interdisciplinary sequence of study within the College may be tailored to suit the direction and the needs of the individual graduate student.

PROGRAMS AND CURRICULA

Our Commission has agreed that one of the growing points of higher education will be in the area of the fine arts, and there are not so many growing points left. In the future, the well-balanced campus will need to be balanced among five areas and not just the traditional four (the professions, the humanities, the sciences and the social sciences)—adding the creative arts.

One of the five great purposes in the performance of higher education in the United States is the support of scholarship and the creative arts. First of all, we call for a great expansion in the emphasis placed upon the creative arts. As the campus becomes a center for the creative arts, it should also become more concerned with its quality as a patron.

Clark Kerr, Chairman
Carnegie Commission on Higher Education

- ART

As for strong programs, USF has a College of Fine Arts that is clearly as good as any in the southeast, particularly in the graphic arts.

Cecil Mackey, President
University of South Florida

Departmental Requirements for the B.A. Degree

The art curriculum is designed to develop the student's consciousness of aesthetic and ideological aspects of art and its relationship to life and to assist students in the realization of personal ideas and imagery. Most B.A. recipients interested in college teaching, museum or gallery work, fine or commercial studio work pursue the extended discipline and experience offered at the graduate level.

Although the program allows many possible courses of study, most students will select one or two areas of emphasis chosen from the offerings in studio (painting, sculpture, graphics, ceramics, photography, film, video, drawing), history or theory.

Art Studio Concentration

The following are the 63 quarter hour minimum requirements for a studio major:

1. Each of Visual Concepts I (two-dimensional), Visual Concepts II (three-dimensional) and Basic Seminar, each with a grade of "C" or better, for a total of 10 credit hours.
2. Minimum of 12 credit hours of 300-level studio courses exclusive of Technique Seminars (from drawing, painting, sculpture, ceramics, printmaking I, photography, cinematography).
3. Minimum of 12 credit hours of 400 and/or 500-level studio courses exclusive of Technique Seminars (from drawing, painting, sculpture, ceramics, lithography, intaglio, silkscreen, photography, cinematography, video arts).
4. Minimum of 12 credit hours in Idea Seminars and/or history courses.
5. Art Senior Seminar for 3 credit hours.
6. Fourteen credit hours of additional art courses (which may include Technique Seminars), for a total of 63 quarter hours in art.

Art History Concentration

The following are the 63 quarter hour minimum requirements for an art history major:

1. Visual Concepts I (two-dimensional), Visual Concepts II (three-dimensional) and Basic Seminar, totaling 10 credit hours.
2. Minimum of 20 credit hours of 400-level art history courses (of this, Twentieth Century art history, 4 credit hours, is required).
3. Seminar in the History of Art History for 4 credit hours.
4. A minimum of 16 credit hours in Idea Seminar (2 quarter hours each) and/or Directed Readings (1 to 6 quarter hours each) and/or Critical Studies in Art History (4 quarter hours each).
5. Art Senior Seminar, 3 credit hours.
6. Ten additional credit hours of art courses, to total a minimum of 63 quarter hours.
7. A proficiency in at least one foreign language, with either French or German being strongly recommended. In lieu of some considerable direct living experience with another language, it is suggested that a minimum of two years of college-level study of a language be undertaken.

Requirements for the M.F.A. Degree:

General requirements for graduate admission are given on page 41.
Applicants to the Master of Fine Arts Degree program are also required to submit three letters of recommendation, a letter of intent, and slides of their work for approval by a faculty committee. Students accepted initially are given "degree-seeking" status for up to three quarters. At that time, but not before the completion of 12 credit hours, students must submit their work for admission to "degree candidacy" status. At candidacy, the student will select a committee of three faculty members who will assist in his progress toward the degree. Members of the immediate family of departmental faculty are not eligible to enter the graduate degree program.

The M.F.A. Degree requires a minimum of 72 quarter hours. With the exception of Graduate Seminar (which must be taken at least twice), Graduate Seminar: Directed Teaching, Graduate Seminar: Documentation, and Thesis: Presentation of Work, which are required, the specific course structure of any student's graduate program will be determined by Faculty Graduate Committee appraisal of the student's interests, capacities and background during his first quarter of residency. Major areas of study include drawing, painting, sculpture, ceramics, lithography, intaglio, silkscreen, photography and cinematography. It should be noted that under normal circumstances, students will be encouraged to take a broad range of courses rather than move toward a specialization.

The graduate student must meet all the stated prerequisites for any course into which he wishes to enroll. The responsibility for seeing that all graduation requirements are met rests with the student.

The student must be registered as a full time graduate student for at least two quarters of his residency.

The requirements for the M.A. Degree in Art Education are listed under the College of Education.

Visiting Artists and Artists-In-Residence:

The Art Department is widely known for the consistent level of excellence of its programs. Aside from the obvious attribution to the overall excellence of quality of its faculty and that in-residence artist teaching staff, in order to insure the continuing expansion of learning opportunities available to students, the Art Department regularly brings to the campus' studios established professional working artists as supporting resources for its art-teaching activities. Such artists provide a unique supplemental extra-dimension to the arts studies programs of particular value to students.

Among those artists who have articulated to students valuable first-hand information about, and who have convincingly on-the-spot demonstrated direct experience with, current developments in the arts: Scott Bartlett, Larry Bell, Friedel Dzubas, Allen Jones, Nicholas Krushewick, Daniel Lang, Paul Sarkisian. (Also see listing of Visiting Artists and Artists-in-Residence in GRAPHICSTUDIO on page 67 of this bulletin.)

DANCE

The dance curriculum is designed for students interested in dance as an art form. Their objectives may be to continue their education in graduate school, to teach in a college or a private school, or to pursue a career as a performer and/or choreographer.

Major concerts are given during each quarter as well as workshop performances. Through the Florida Center for the Arts, major dance companies are brought to the campus giving students the opportunity of taking classes with the professional dancers.

Requirements for the B.A. Degree:

Modern majors are required to take one quarter of Beginning Ballet, one quarter of Intermediate Ballet, one quarter of Beginning Modern; two quarters of Intermediate Modern; three quarters of Dance History; four quarters of Advanced Modern, four quarters of Choreography, and four quarters of Repertory.

Senior Seminar is also required for one quarter in the senior year.

Ballet majors are required to take one quarter of Beginning Modern, one quarter of Intermediate Modern, one quarter of Beginning Ballet; two quarters of Intermediate Ballet, two quarters of Choreography; three quarters of Dance History; four quarters of Advanced Ballet, four quarters of Repertory; six quarters of Pointe Technique (women), or six quarters of Partner of Men's classes. Senior Seminar is also required for one quarter in the senior year.

Entrance to all technique courses will be by jury examination.

Dance majors are also required to take 35 hours of free electives. Of this time, a maximum of 28 hours may be in the Dance Department.

Special requirements for dance majors come to 22 hours. Nine hours must be taken in the other departments of the College of Fine Arts. The remaining 13 hours will be assigned to the student based on his individual needs as determined by the department.

The University's General Distribution requirement consisting of 60 hours may be found on page 31. The above requirements total 180 hours.

Senior dance majors are required to choreograph and perform in a senior dance program.

Prospective students must contact the Dance department to arrange for an audition prior to registration. Beginning courses may only be repeated three times. A student must audition each quarter to stay at his present level or to advance to a higher level.

Until students are accepted into Intermediate Modern or Intermediate Ballet they will be considered probationary Dance Majors.

Students should refer to page 69 for graduation requirements.

Visiting Artists and Artists-In-Residence:

By supplementing its excellent on-going regular staff-instructed dance curriculum with other professional resources made available through the Visiting Artist and Artist-in-Residence programs, the Dance Department provides for dance students an overall dynamic program for practice, study and learning.

An impressively lengthy list of the extraordinary individual dance and dance company participation in one or more programs includes:

Murray Louis Dance Co. Jose Limon Co.
First Chamber Dance Co. James Cunningham Co.
Claude Kipnis Mime Theatre Lar Lubovitch Dance Co.
Louis Falco Mime Theatre Polish Mime Ballet
Nikolais Dance Theatre Theatre Viola Farber Dance Co.
Kerala Kalamandalam Co. Paul Taylor Dance Co.

University Theatre
The Systems Complex for the Studio and professional fields.

Requirements for the B.A. Degree:

Students must pass an entrance examination in music theory and literature. Students may obtain dates and times for these examinations from the Music department office. New registrants are also required to take a placement examination before initial registration.

Requirements for the M.M. Degree:

During their senior year. (Composition majors must submit a portfolio of their compositions and arrange for a public performance of their works during their senior year). These requirements are in addition to the actual course requirements listed below.

Financial Aid:

The University has made available to highly qualified undergraduate students a number of music service awards. These awards cover in-state tuition fees, and are distributed following open auditions held in January and February. The award is made for the following year for three of the four quarters. Available to graduate students who show special potential for creative contribution to the profession are the University Scholar Awards and graduate assistantships and fellowships. Additionally, loans, grants and work programs are available to qualified University of South Florida students. Financial aid is granted on need, academic promise and character.

MUSIC

Since it opened its doors in September of 1960, the Music Department at the University of South Florida has moved rapidly to become a highly regarded University department whose students have made distinctive achievements in their respective professional fields.

The Departmental Major:

The music curriculum is designed for those students gifted in the performance and/or composition of music. Candidates for a major in music are required to pass an entrance examination in their respective performance and/or composition areas. All new registrants are also required to take a placement examination in music theory and literature. Students may obtain dates and times for these examinations from the Music department office. Completion of these examinations is required before registration in music courses can be permitted.

Academic Programs Offered Include:

- Bachelor of Arts degree with areas in performance (voice, piano and instrumental music)
- Master of Music degree with areas in performance, composition, theory, choral conducting

Requirements for the B.A. Degree:

All students seeking a degree in music are required to (1) complete successfully the secondary piano requirements as defined by the music faculty, (2) present a partial public recital during their junior year, (3) present a complete public recital during their senior year. (Composition majors must submit a portfolio of their compositions and arrange for a public performance of their works during their senior year). These requirements are in addition to the actual course requirements listed below.

A total of 96 quarter hours is required as follows: 45 hours in Music Theory, History, and Literature and 36 hours in applied music or 36 hours in Composition for composition majors (a minimum of three quarters at the 450 level is required), and Music Senior Seminar (3 credits). Students enrolled for applied music must enroll for a minimum of one performing ensemble each quarter (ensemble(s) to be determined by the student's studio teacher). The minimum number of ensemble credits will total 12 hours. The above are basic music requirements. The Department of Music reserves the right to require additional remedial courses.

Requirements for the M.M. Degree:

General requirements for graduate work are given on page 41. In addition, the applicant for the Master of Music degree program will need to satisfy the following requirements in music before initial registration: (1) performance audition, and (2) placement examinations in music theory-literature.

The specific program for each student will vary according to his needs and interests. Each program must be approved by the student's adviser in conformance with the guidelines established by the Graduate Music Committee. A minimum of 54 quarter hours is required.

The responsibility for seeing that all graduation requirements are met rests with the student.

The Faculty:

USF's superior music faculty has been carefully chosen for its training, performing ability, and ability to teach. It is in every sense a team. This achievement has been demonstrated by such fine musical ensembles as the Faculty String Quartet, the Faculty Brass Quintet, the Ars Nova (faculty) Woodwind Quintet and the Faculty Chamber Players.

Unique Learning Opportunities:

The music department at the University of South Florida offers the student the opportunity to study with a distinguished faculty, work with the newest in creative equipment, and to be in the company of other superior music students for an exciting, exciting and exciting period of study.

SYCOM—The Systems Complex for the Studio and Performing Arts offers the student the opportunity to work with an unusually well developed electronic facility for creative research and compositional opportunities.

Visiting Artists and Artists-in-Residence:

The Department of Music utilizes guest composers, conductors, and performing musicians to enhance its offerings in terms of teaching faculty, forum appearances, and the conducting of musical programs, symposia, and clinics. Prominent musicians who have appeared in the past are Howard Hanson, Norman Dello Joio, Randall Thompson, Virgil Thomson, David Ward-Steinman, Walter Trampler, Fred Hemke, Eleazar de Carvalho, Thomas Nee, Lucas Foss, Maurice Andre, John Haynie, Jean Pierre Rampal, and Julius Baker.

Student Organizations:

Sigma Alpha Iota, national professional music fraternity for women, and Phi Mu Alpha Sinfonia, a professional music fraternity for men, are dedicated to serve the cause of music in America. Student Music Educators National Conference is an affiliate of the Music Educators National Conference and is open to all interested students.

Financial Aid:

The University has made available to highly qualified undergraduate students a number of music service awards. Usually these awards cover in-state tuition fees, and are distributed following open auditions held in January and February. The award is made for the following year for three of the four quarters. Available to graduate students who show special potential for creative contribution to the profession are the University Scholar Awards and graduate assistantships and fellowships. Additionally, loans, grants and work programs are available to qualified University of South Florida students. Financial aid is granted on need, academic promise and character.

THEATRE ARTS

The Departmental Major:

Through its curriculum and production program, the Theatre Arts Department offers to seriously interested students the opportunity to prepare themselves for the beginning of a professional career in the Theatre or to continue their studies at the graduate level. In addition, students from other departments and colleges have the opportunity to study and participate in the work of the department, thereby allowing them to gain insight into the creative experience of Theatre.
After a thorough orientation to all facets of the art gained in the basic courses, the Theatre Arts major may begin to concentrate in either the area of performance or design and technology. Throughout the student's course of study, contact is encouraged by the faculty in the student's chosen area of concentration to help the student realize his/her full potential and to help maintain awareness of progress. To earn a major in Theatre Arts, the student must take a minimum of 64 quarter hours in Theatre. In addition to these, 28 hours of electives in the Theatre Arts department may be taken to broaden either the general program or to pursue a particular interest in more depth.

Through the production program, which includes various performances for general audiences, children and department faculty and students, the student has the opportunity to participate in many different ways, thereby gaining practical experience that is essential to his/her development as an artist. For the more advanced acting student, opportunities sometimes arise for participation with other companies in the area. The Design/Technology area of the Florida Center (see description elsewhere in this section) offers to the advanced Tech and Design student opportunities to work with the professional companies (Dance, Theatre and Music) that come to the campus as a part of the University Artist Series and Dance Residency Program. For all students, a broad involvement in all facets of their field of concentration is encouraged.

Visiting Artists and Artists in Residence:

Despite the fact that the University is relatively young the Theatre Arts Department has had in residence artists from many kinds of theatre and many countries including: London's West End, The Actors Studio, Dublin's Abbey Theatre, Broadway, Washington's Arena Stage, The American Shakespeare Festival, The Welsh National Theatre, the BBC, the London Academy of Music and Dramatic Art, Coventry's Belgrade Theatre, Paris, Hollywood, East Berlin's Deutsches Theater, Taiwan, the Socialist Republic of Armenia, and Poland. A partial alphabetized list would include Miriam Goldina, Boris Goldovsky, Henry Hewes, Mesrop Kesekian, Marcel Marceau, Paul Massie, Siobhan McKenna, Olga Petrovna, Ben Piazza, Alan Schneider and Doug Watson.
The major objectives of the College of Medicine are, first, to create and maintain an academic environment in which medical education, the production of new knowledge, and community service may be continued in a quality manner. The second objective is to integrate the College of Medicine into the mainstream of the community and to participate in and lead in the up-grading and improvement of the health care standards of the community in which the College is located. The third objective is to function within the framework of the total University as an integral and valued part of the University community.

The philosophy of the educational program at this institution is to provide a strong academic basis for lifetime scholarship in medicine and growth in professional stature for our students; to lay the foundation for the development of ever increasing technical and professional competency and proficiency in the arts and sciences of medicine for each of the students; to instill in our students compassion and a sense of devotion to duty to their profession and to their patients; to provide relevance and continuity in instruction among the various disciplines related to medicine; to maintain and increase our students’ motivation for community and human service in the practice of their profession; to stimulate the students to accept major responsibilities in learning; to orient teaching activities around the student and his desire and ability to learn.

With these concepts in mind, a curriculum has been developed which we believe will achieve an effective correlation between the pre-clinical and clinical instructional areas. This curriculum is designed to emphasize conceptually oriented teaching, thus affording the students a challenging and intellectual experience as opposed to a routine and the superficial presentation of a large volume of facts. Relevance to medicine will be emphasized in all areas of instruction in a way recognizable and understandable by the student of medicine. Increased correlation on an interdisciplinary basis will be instituted providing reinforcement between the various fields of study. The curriculum will also provide a close and ongoing experience for the student in the day-to-day and continuing health care delivery system within the community hospitals and in ambulatory care facilities. It is anticipated the program will produce graduating physicians who understand and desire the practice of medicine as a fruitful and meaningful choice for a lifetime career of service to their patients and the community.

It is recognized that the program does place heavy demands upon the students. They will be expected to utilize all resources provided by the College, to maintain a consistent level of academic achievement, and to demonstrate evidence of initiative and dedication to their chosen profession.

MEDICINE

Students admitted to the College of Medicine, seeking an M.D. degree, are selected on the basis of what appears by present standards to be the best suited for the successful study and practice of medicine. The selection is made by the Admissions Committee composed of members of Pre-Clinical, Clinical and Volunteer faculty. Each applicant is considered individually and is judged strictly on his or her own merits. Characteristics evaluated include motivation, integrity, character, and general fitness. These are judged by recommendations of the applicant’s Pre-Medical Advisory Committee as well as other letters of recommendation. The academic record and Medical College Admission Test furnish an estimate of academic achievement and intellectual competence.

Interviews are arranged for applicants whose qualifications appear to warrant complete exploration.

All inquiries concerning admission should be directed to the Assistant Dean for Admissions, Office for Admissions, College of Medicine, University of South Florida, Tampa, Florida 33620.

Requirements for Admission

A minimum of three years of college or university work is required with some preference given to those applicants who present a bachelor's degree from a liberal arts college approved by one of the national accrediting agencies. The minimum requirement is three years of college work (90 semester hours or 135 quarter hours, exclusive of Physical Education and ROTC).

Regardless of the number of years involved in Pre-Medical training, the college credits submitted by the applicant must include the following:

- One Year—General Chemistry, including laboratory
- One Year—Organic Chemistry, including laboratory
- One Year—Physics, including laboratory
- One Year—Biology, including laboratory
- One Year—Mathematics

All applicants must arrange to take the Medical College Admission Test.

Requirements for Graduation

The awarding of the degree Doctor of Medicine will follow successful completion of the entire required course of study. Appropriate arrangements for post graduate training must be made. Grading of performance in academic subjects will be on a pass, fail, honors grading system, and the student must have achieved a grade of at least pass in all subjects in the curriculum.

Doctor of Philosophy Degree in Medical Sciences

A graduate program leading to the Doctor of Philosophy degree in Medical Sciences is offered by the Basic Science Departments of the College of Medicine. Information concerning this program may be obtained by contacting the Graduate Coordinator, College of Medicine, University of South Florida, Tampa, Florida 33620.
Science is a dominant force in the modern world and its development in both the theoretical and the practical spheres underlies the foundations of modern society.

Students in the College of Natural Sciences are trained in the tools of logical analysis and the modes of experimentation in the continuing attempt to better understand the nature of man and his relationship to the universe. In all its functions the College is dedicated to fostering a spirit of inquiry and intellectual growth.

In its seven departments, the College of Natural Sciences offers programs in astronomy; biology, including botany, microbiology and zoology; chemistry, and biochemistry; geology; marine science; mathematics and physics. These programs are designed for students planning scientific careers in the science fields or for those planning professional careers having a considerable component of science. These students will typically major in one of the sciences or in a combination of sciences as preparation for employment, transfer to professional schools or admission to graduate school.

In addition to the majors in science, the college administers the pre-medical sciences advising program and the medical technology advising program. These programs combine specialized counseling and curriculum planning to assist the student in gaining admission to a professional school or internship program.

Admission to the College

A student who has been accepted as a first-time student at this University may be admitted to the College of Natural Sciences by declaring any major or program offered by the College. A student who wishes to transfer from the Division of University Studies or from another college of this University must in addition have an overall grade point average of 2.0. At the time of admission to this College, the student will be assigned a faculty adviser for counseling and program planning. Students preparing for a science or mathematics career must plan their courses carefully because of the sequential nature of the sciences curriculum, and students seeking entrance into a professional school or medical technology internship program require specialized counseling. Because of this, immediate application for admission into the college is strongly recommended.

Information on departments, majors, programs, counseling and other services of the College can be obtained from the office of the dean or by contacting the Director of Advising, College of Natural Sciences, University of South Florida, Tampa, Florida 33620.

General Requirements for Degrees

In addition to the University graduation requirements found on page 32, the requirements for graduation in any undergraduate degree in the college are as follows:

1. Completion of a sequence of courses constituting a major program. A major program is defined to be courses in a department of concentration plus supporting courses in related departments. All courses in the major program must be taken with letter grade except those courses which are graded S U only. A 2.0 grade point average must be achieved in courses in the department of concentration and a 2.0 grade point average must be achieved in the supporting courses of the major program. For a more detailed description of the major program requirements, consult the appropriate departmental section.

2. Satisfaction of the University distribution requirement, except:
   (a) In area III, the minimum requirement of eight hours in Mathematics may be waived by credit in at least eight hours of Mathematics courses required by the major.
   (b) In area IV, the minimum of eight hours in Natural Sciences may be waived by credit in at least eight hours of natural sciences courses required by the major.

3. Completion of twenty-four hours of courses from the colleges of Fine Arts, Social and Behavioral Sciences, or Arts and Letters. The student may elect any course from any of these colleges provided:
   (a) The courses are approved by the students’ advisor.
   (b) No more than twelve hours are taken in courses in any one prefix. Courses taken to satisfy the University Distribution Requirement may not be used to satisfy this requirement. Additional details of the requirements for graduation are found in Part II of the College of Natural Sciences section of the bulletin.

■ ASTRONOMY

The Department of Astronomy offers programs leading to the degrees of Bachelor of Arts and Master of Arts in astronomy. Students who graduate with an undergraduate degree in astronomy are expected to have a good foundation not only in astronomy but also in mathematics and physics, with the emphasis varying with the individual. They are also trained to become competent computer programmers. Employment opportunities exist at various government agencies, in private industry, and as teachers in public and private schools. Students who receive an undergraduate degree in astronomy will not necessarily continue to become professional astronomers. Because of the breadth of their education, astronomy majors can take up a variety of post-college careers including graduate study in astronomy, mathematics, or physics.

The graduate program leading to a master's degree emphasizes specialization in various fields of astrophysics and astronomy. Most students continue to work for a master's degree after receiving the bachelor’s. Employment opportunities at the master's level exist in the same way as they do on the bachelor's level. In addition the master's degree is regarded at some educational institutions as a terminal degree for teachers on the junior college or sometimes even college level.

The Astronomy Department has at this time 6 faculty members, all of whom are actively engaged in original research. The facilities include a 26-inch Schmidt-Cassegrain telescope with a focal length of 30', as well as several smaller telescopes and auxiliary equipment. Faculty and students have access to the IBM 360-65 computer.

■ BIOLOGY

Modern biology is characterized by a marked interdisciplinary trend, so that only students well grounded in the ancillary fields of chemistry, mathematics, and physics can be considered properly prepared. Thus, although specific undergraduate
curricula or majors are available in Botany, Microbiology, and Zoology, a core of courses in Biology, Chemistry, Mathematics, and Physics is required of all students. The undergraduate may specialize in an area of personal interest (for example, marine biology, ecology, etc.) via elective courses.

The undergraduate program with 600 students who are majoring in one of these programs is designed to serve as preparation for a terminal degree in biological sciences, or as preparation for further study in graduate or professional schools. Pre-professional areas available include: pre-medicine, pre-dentistry, pre-pharmacy, pre-veterinary medicine, pre-osteopathic medicine, and pre-optometry.

The graduate programs presently training 100 students lead to the M.A. degree in Botany, Microbiology, or Zoology, and the Ph.D. in Biology. Areas of specialization for the Ph.D. are marine biology, ecology (tropical ecology, population ecology, and physiological ecology), physiology (cellular physiology, microbial physiology, neurophysiology), systematics, and behavior.

The Biology Department, composed of 33 faculty members, has a wide variety of teaching and research laboratories and specialized facilities available. Included are aquarium rooms, animal rooms, growth chambers, greenhouses, botanical garden, botanical and zoological specimen collections, and a 600-acre undisturbed ecological research area for the study of aquatic and terrestrial ecology. Both students and faculty have access to the university's computer, an IBM 360/65.

■ CHEMISTRY

The Department of Chemistry offers three degrees at the baccalaureate level, Bachelor of Arts degree in Chemistry, Bachelor of Science degree in Chemistry, and Bachelor of Science degree in Clinical Chemistry, and two degrees, Master of Science and Doctor of Philosophy, each with specialization in the areas of analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, and physical chemistry, at the graduate level. The chemistry faculty is comprised of 30 full-time senior faculty members, all of whom hold the Ph.D. degree. A comparable number of teaching assistants, generally graduate students enrolled in the Ph.D. program, serve as instructors in the laboratories. The combination of a large and strong faculty with a wide variety of courses and electives provides students with programs of study which can be tailored to fit individual needs while maintaining a sound background in all general aspects of chemistry.

The B.A. curriculum is designed for the student who does not intend to become a professional chemist but whose career goals require a thorough understanding of chemistry. It is especially suited to the needs of pre-medical, pre-dental, pre-veterinary, pre-engineering, and like science pre-professional students. The B.S. degree affords a curriculum designed in accordance with the certification requirements of the American Chemical Society for students desiring a rigorous program as preparation for a career as a professional chemist or for graduate study in chemistry. The B.S. degree in Clinical Chemistry, one of only a few such programs in the country, is specifically designed to train personnel for this new and growing field of the medical profession; however, the strong scientific background and specific technical expertise provided by this program also afford the student an excellent preparation for graduate study in clinical chemistry, biochemistry, or medicine.

In graduate work, the excellent physical facilities and very low student-teacher ratio combine to afford unique opportunities for advanced study in chemistry. In addition to the five traditional fields, analytical chemistry, biochemistry, inorganic, organic and physical chemistry, research opportunities are also available in such interdisciplinary and specialized areas as bio-organic chemistry, clinical chemistry, environmental chemistry, lasers and photochemistry, marine chemistry, organometallic chemistry, photoelectron spectroscopy (ESCA), physical biochemistry, polymer chemistry, and pharmaceutical chemistry.

■ GEOLOGY

The Department of Geology offers programs leading to the B.A. and M.A. degrees. The broad scope of geology permits both undergraduate and graduate students to obtain employment in a wide variety of career positions. Opportunities are excellent in industry, various governmental agencies at the local, state, and federal level, and in some academic professions. Most employment in the 1970's will be in oil and other energy related industries, environmental agencies, and the area of water resources.

The undergraduate curriculum is designed to give the student a fundamental background in geology and the related fields of chemistry, life sciences, mathematics, and physics. Ample flexibility in the program permits a modest amount of specialization at the undergraduate level. The graduate program leading to the M.A. degree is totally flexible within the University and College requirements. The student is allowed to plan his program to suit his major areas of interest. Such flexibility facilitates planning for a career or advanced graduate work. Although work is available in the broad spectrum of geologic fields, the major areas of emphasis are hydrogeology, sedimentary geochemistry, coastal sedimentation, environmental geology, and paleoecology.

There are currently 9 faculty members in the Department with 20 graduate students and 100 undergraduate majors. Laboratories are well equipped and field equipment includes a 19-foot outboard cruiser, a rotary drilling rig, and a 24-channel seismic refraction apparatus.

■ MARINE SCIENCE

Bounded on three sides by the Atlantic Ocean, the Caribbean Sea, and the Gulf of Mexico, Florida has a natural interest in the marine environment. The sea is the earth's last frontier, and much research is necessary to protect it from pollution, to utilize its resources, and to understand its relationship with the land. The Department of Marine Science studies the marine environment in an organization that combines research with a teaching program leading to the masters degree. The research interests of the department are widespread, and include such items as estuarine environmental studies, shelf and deep water investigations, hydrodynamic modeling, nutrient cycles, and aquaculture. With its headquarters conveniently located on the St. Petersburg campus at Bayboro Harbor, the department has excellent research and classroom facilities, including a fleet of small vessels ranging from 14' to 36' in length.

Marine scientists traditionally specialize in one of four basic research areas: marine biology, marine chemistry, marine geology, or marine physics. Thus, while the degree program in Marine Science is at the masters level, students may prepare for graduate work by obtaining a baccalaureate degree in one of these four areas. By a suitable choice of marine oriented elective courses, a major in Biology, Chemistry, Geology, or Physics can be an excellent vehicle for entry into a graduate program. Potential marine sciences majors should consult with an undergraduate advisor concerning these baccalaureate majors.

The field of Marine Science is destined to grow rapidly in all its subdivisions and offers great opportunities for individuals as our use of the sea expands.

■ MATHEMATICS

The Department of Mathematics offers a diversity of courses designed not only to enable the student to pursue a profession in mathematics itself, but also to enhance his competence in the fields of engineering, the physical sciences, the life sciences, and the social sciences. The Department offers programs leading to the B.A., M.A., and Ph.D. degrees. The undergraduate program emphasizes the broad nature of modern mathematics and its close association with the real world. The program is designed to prepare students for entry into graduate school or careers in industry or secondary education.
The Department has a flexible Ph.D. program which is designed to encourage students to take an active role in the shaping of their own curricula. This flexibility is coupled with a desire to promote interdisciplinary research.

The Department is composed of four areas. These areas and the research areas are as follows:

1. Algebra and Topology
   Number theory, algebraic coding theory, general topology, topological semigroups.
2. Analysis
   Abstract harmonic analysis, abstract measure theory, approximation and expansions, functional analysis, geometric function theory.
3. Applied Mathematics and Computer Science
   Asymptotic methods, differential equations, integral equations, numerical analysis.
4. Statistics and Stochastic Systems
   Biomathematics, theory of probability and statistics, reliability theory, stochastic modeling in the life sciences and engineering, stochastic systems and time series.

Programs for the M.A. degree in secondary education or in Junior College teaching are also available.

There are 34 faculty members in the Department and about 50 graduate students. The graduate program is young and still in the developmental stage. While programs in the more traditional areas of pure mathematics are offered, the Department is committed to emphasizing applied mathematics at both the graduate and undergraduate levels. For both undergraduate and graduate work students and faculty have access to the university's computer, an IBM 360/365.

**MEDICAL TECHNOLOGY**

Medical Technology is one of the growing professions associated with the advances in modern medical science. Working in the clinical laboratory, the medical technologist performs chemical, microscopic, bacteriologic, and other scientific tests to help track the cause and treatment of disease. This talent requires specialized training and a baccalaureate degree is essential preparation for certification as a medical technologist.

The program at the University of South Florida leads to the bachelor of science degree in Medical Technology. The curriculum consists of three years of academic training in on-campus courses plus twelve months of internship at an affiliated hospital or clinical laboratory. Medical technology is an excellent background for graduate work towards advanced degrees in microbiology, biochemistry, and other laboratory sciences.

Medical technology is administered by the College of Natural Sciences and combines curriculum planning and counseling to assist the student in admission into this field. Upon entrance, the student is assigned an advisor for curriculum guidance to meet specific requirements of the degree. The curriculum contains a broad science preparation as well as courses in social sciences and humanities to enrich and strengthen the student as an intelligent, informed citizen. The student also receives the services of the Medical Technology Committee, which assists with admission to the internship year. Admission is limited by the facilities of the affiliated hospital or laboratory and a careful evaluation of the student's abilities and talents. Letters of support are included with the student's credentials when selections are made.

Upon successful completion of the internship year and qualifying examinations, the graduate is certified by the American Board of Pathology as a registered medical technologist.

**PHYSICS**

The Department of Physics offers programs leading to a Bachelor of Arts or a Bachelor of Science degree, and to a Master of Arts degree. Both thesis and non-thesis programs are available for the M.A. degree.

Undergraduate course offerings of the Department provide a well-balanced program covering virtually every area of physics. Special courses may be offered upon sufficient demand. Modern, excellently equipped classrooms and laboratories provide an outstanding environment for students. Opportunities for undergraduate students to participate in research projects with professors and graduate students form an integral part of the undergraduate experience. Undergraduate students have engaged in research efforts to the extent that their work has been published in scientific journals. There is a tradition of close working relationships between professors and students.

At the graduate level, thesis research areas include theoretical and experimental plasma physics, theoretical and experimental solid state physics, experimental gaseous electronics, elementary particle theory, and biophysics. Supporting facilities include an IBM 360/65 computer, an excellently equipped machine shop and electronic shop, a glass blowing shop, an electron microscope, and an x-ray photoelectron spectrometer. Teaching assistantships and financial aid through the College Work-Study Program are often available to qualified students. A supervised study hall is available where students may obtain help with their course work at their convenience throughout each week.

**PRE-MEDICAL SCIENCES**

Modern health care is a spectrum of functions ranging from diagnosis and treatment of disease to basic and applied research. As a result, there is a need for individuals with a diversity of educational backgrounds and a wide variety of talents and interests; and the student contemplating a career in the health sciences has an opportunity for service in a wide range of health care activities.

The pre-medical sciences program at the University of South Florida is administered by the College of Natural Sciences and is designed to assist students seeking entrance into a professional school in medicine, dentistry, veterinary medicine, or optometry. Through a combination of curriculum and counseling, the program is designed to enhance the student's intellectual, personal, and social development. Upon entrance into the program, the student is assigned an advisor for curriculum planning and counseling. While specific requirements may vary, all professional schools recognize the need for a well-rounded education; therefore, the goal is to develop a perceptive, knowledgeable citizen with a strong foundation in the natural sciences yet broadened and enriched with a solid background in the social sciences and humanities. Upon completion of the basic science requirements, the student is assigned to the Chairman of the Pre-Medical Sciences Committee. The function of this committee is to assist the student in all phases of application to the professional school of his or her choice. This includes letters of evaluation, admission applications, entrance examinations, etc. The student remains in the program until he or she is admitted to a professional school or seeks other alternatives, even if this extends beyond the baccalaureate degree.

![Science Center](image)
The College of Nursing is committed to the improvement of nursing and health care services through its educational programs, community service and related research activities. The College offers an upper division program in nursing that leads to a Bachelor of Science degree.

Applications from all qualified students are accepted without regard to age, sex, cultural, racial, religious or ethnic background. Qualified students with no previous preparation in nursing and registered nurses who are graduates of associate degree and hospital programs are admitted. College graduates and transfer students from other nursing programs are also eligible for admission to the major.

The program is approved by the Florida State Board of Nursing and accredited by the National League for Nursing.

Admission to the College

The College of Nursing is a quota program in that limitations are set on enrollments on the basis of availability of sufficient qualified faculty, laboratory and classroom facilities, and clinical resources for nursing practice experience for students. Therefore, admissions are upon a selective basis through special application directly to the College of Nursing. One class is admitted in the fall quarter of each year. The deadline for acceptance of applications is February first. Applications may be obtained by contacting the Coordinator of Advisement, College of Nursing.

The academic requirements used as a basis for evaluating eligibility of applicants for admission to the upper division major are outlined below. These are minimum requirements and performance, individual goals and interests and other factors pertinent to the goals of the program and to professional nursing practice are considered. All applicants are interviewed as part of the admissions process. Qualified applicants who are Florida residents are given priority for admission.

Minimum Requirements

1. Completion of 90 quarter (60 semester) hours of college level work with a cumulative average of “C” or better. Credit received on the basis of CLEP examinations or other appropriate procedures may be included as part of these requirements.

2. Completion of the University of South Florida general education distribution requirements as part of the above. These requirements may be satisfied by the completion of 60 quarter hours (40 semester hours) in the following areas with not less than 8 quarter hours (6 semester hours) in each area: English composition; humanities; mathematics/quantitative methods; natural sciences; social sciences.

Courses in chemistry and biology may be used to meet general distribution requirements in natural science. Additional credits derived from these courses contribute toward meeting the 60 credit general education distribution requirements. Credits from psychology and sociology requirements may also contribute toward meeting general education requirements. Students with A.A. degrees will be considered to have met the above requirements.

3. Completion with a “C” average or better:
   a. One year of chemistry with laboratory. (Courses that include general, biochemistry and organic chemistry are recommended).
   b. One year of biology (courses which includes cell structure, ecology, and genetics). Human anatomy, physiology or microbiology can not be used to meet requirements in this area.
   c. Psychology or behavioral science—at least two courses, one of which is beyond the introductory level (e.g., human growth and development, group dynamics, child psychology, aging, adolescent psychology, developmental psychology, abnormal psychology).
   d. Sociology—at least two courses, one of which is beyond the introductory level (e.g., cultural anthropology, family relationships, social and cultural issues, gerontology, etc.).
   e. At least one of the following: microbiology, human anatomy, nutrition, or growth and development.

Transfer students seeking admission to the College of Nursing follow the procedure outlined in Admissions to the upper division major who apply first to the College of Nursing and accepted prior to acceptance by the College of Nursing. Transcripts certifying completion of all requirements for admission must be available to the College of Nursing before admission will be confirmed. Applications for admission to the University may be obtained by contacting the Office of Admissions, University of South Florida, Tampa, Florida 33620. Applications can be submitted as much as one full year in advance of intended enrollment. Admissions procedures for registered nurses vary from those outlined above. Graduates of associate degree and hospital programs in nursing have widely varied backgrounds. Therefore, the admissions process for them is designed to permit evaluation of records, academic advisement and individual program planning early in order to ensure optimum utilization of previous educational experiences and expedite completion of degree requirements.

1. All registered nurses seeking admission to the College of Nursing should submit an application to the College of Nursing. These applications will be sent upon request.

2. When the completed application and transcripts, are received, faculty assess them in terms of the requirements for admission to the major. Applicants who have not met the prerequisites will be advised of their standing and the alternatives available for meeting requirements: a) CLEP examinations if appropriate, b) courses at USF, or c) courses at a junior college or other institution. Applicants who have met the requirements for admission will be advised as to the date when it can be admitted to take courses in the major and (if not already enrolled in the University) will be provided with a USF application stamped "RN Applicant" to complete and forward with admission fee to the Office of Admissions.

3. Registered nurses seeking admission to the major who apply first to the Office of Admissions will be referred to the College of Nursing to complete the process outlined above.

General Requirements for Degree

Students are certified for the Bachelor of Science degree upon completion of 180 quarter hours of credit (with a cumulative grade point ratio of 2.0 or better) distributed among general education, supporting sciences, the minimum requirements of the
major and electives. Graduates who are not already registered nurses must take the licensing examination in order to be eligible to practice as registered professional nurses in Florida.

Degree Program

The College of Nursing offers one undergraduate program, an upper division major in nursing that leads to the Bachelor of Science degree.

The program is designed so that students with appropriate preparation can enroll in the nursing major and complete requirements for the degree in the equivalent of two years (six quarters) of full-time study. Students may meet all requirements at the University of South Florida or they may complete lower division prerequisites elsewhere and transfer to USF for the nursing major. Students wishing to enroll as freshmen at USF meet the same requirements as other applicants for admission to the University and should follow the admission procedures outlined elsewhere in the Bulletin.

The practice of professional nursing involves problem-solving and decision-making based on knowledge from the humanities and the physical, biological, social and behavioral sciences. Shortages of qualified personnel, technological advances and increasing demands for health care services have brought changes in the functions and responsibilities of those in the health care professions. As a result, nursing practice has become increasingly complex and demanding in terms of knowledge from the sciences underlying nursing practice as well as the nursing knowledge and skills required to assume added responsibilities and functions.

The goal of this program is to provide students with opportunities to develop cognitive, affective and psychomotor skills basic to general nursing practice in any setting where professional nursing services are provided: acute care hospitals, community health agencies, extended care facilities, industry, physicians' offices, military health services, the American Red Cross, the Peace Corps and so on. Emphasis is placed on the development of interpersonal and leadership skills essential to meeting the responsibilities of professionals in the health care systems and of citizens in a democratic society. Attention is also given to providing opportunities for students to establish investigative and independent study habits that will persist throughout a lifetime of professional growth and development. During the last quarter of the program, students have an opportunity for concentrated clinical nursing experience in an area of their choice.

Graduates of this program are eligible for admission to examinations leading to licensure of practice as professional nurses in the State of Florida or to apply for licensure in other states. Graduates also have the educational background necessary for graduate study in nursing to prepare for expanded roles in clinical nursing practice or for teaching, administration, research and other leadership responsibilities.

Life Science Building
COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

The social and behavioral sciences are concerned with man, his development, problems, and institutions. They help the student to understand the world around him, to become an informed citizen, and provide the student with an adequate background and knowledge for later application in business, government, and social service professions, either upon graduation or upon completion of additional graduate study.

The College is concerned with the broad development of student's knowledge. Thus it offers interdisciplinary programs and limits work in any one field. The college emphasizes individual projects in many courses, laboratories, field studies, and the opportunity to earn credit through independent study and examination.

Two programs in the College, Urban Community Psychology and Gerontology, have been approved by the Board of Regents as Programs of Distinction. Although the programs are housed in the Department of Psychology and the Aging Studies Program, they utilize faculty expertise from many disciplines. Approval is being requested to formally extend the Program of Distinction to include Applied Anthropology, Communicology, Criminal Justice, Geography, Political Science, Rehabilitation Counseling, and Sociology to further emphasize the human sciences and services. Students majoring in these areas will receive high quality educational experiences in both university and community settings.

It is important that the student develop basic skills for research and creative scholarship; hence the provision of senior seminars and special courses on research methodology. These skills are important for the critical appraisal of scholarly work even though the student might not go on to graduate study. There is opportunity for students to collaborate with their professors on research projects and to render services to the community.

BACCALAUREATE LEVEL DEGREE PROGRAMS

Admission to the College

Students may be admitted by application to the College and are encouraged to apply early in their freshmen year.

Application for admission to the college is made in the Office of the Coordinator of Advising. Upon admission the student will be counseled in his selection of courses by an adviser from the major field. He will then plan the remainder of his college program to fulfill his educational needs and satisfy requirements for the Bachelor of Arts degree. The academic adviser for the student will generally supervise his progress; however, the student assumes the responsibility for meeting all University, college, and departmental requirements.

Any student of the University may take courses in the College of Social and Behavioral Sciences. Students in other colleges or adults in the community may elect social and behavioral science courses of particular interest.

General Requirements for Degrees

The College of Social and Behavioral Sciences currently offers one undergraduate degree: Bachelor of Arts.

Most of the social and behavioral science majors require statistics, therefore, the student should take courses as appropriate to properly prepare himself. All social and behavioral science majors require clarity and accuracy of English expression.

GRADUATE LEVEL DEGREE PROGRAMS

Graduate level courses are now offered in most social and behavioral science areas and the Master of Arts Degree is offered in the following:

- Anthropology
- Criminal Justice
- Geography
- Gerontology*
- History
- Political Science
- Psychology

Rehabilitation Counseling
- Post-Baccalaureate
- Rehabilitation Counseling
- 5 year program
- Sociology

*Offered by the Aging Studies Program

In addition to the Master of Arts degree offered from the College of Social and Behavioral Sciences, joint degrees are of-
ferred with the College of Education in Social Science Education, School Psychology, and the Junior College Teachers’ Program.

The Department of Communicology (formerly Speech Pathology and Audiology) also offers a Master of Science Degree in:

- Audiology
- Post-Baccalaureate
- 5-year program

A Doctor of Philosophy Degree is offered in:

- Psychology

SPECIAL NON-DEGREE PROGRAMS

The AGING STUDIES undergraduate program consists of a core of courses designed for interested students. Additional information will be found in the Aging Studies Program section of the catalog.

The LEISURE STUDIES PROGRAM is concerned with leisure in its broadest sense and provides a core of courses for interested students. This program is presently housed in the Department of Interdisciplinary Social Sciences.

The OFF-CAMPUS TERM PROGRAM offers a wide variety of opportunities for self-designed, supervised experiences for credit. This program is presently housed in the Department of Interdisciplinary Social Sciences.

DEGREE PROGRAMS

AFRO-AMERICAN STUDIES

Afro-American Studies Program provides a quality undergraduate education leading to a Bachelor of Arts degree in Afro-American Studies. Essentially it is a service program which provides opportunities for all students to broaden the bases of their knowledge of the entire human experience and intercultural understanding so essential to living in a multi-racial society and a world that has become a global village. It provides a new horizon in liberal education that seeks reunification of the knowledge of human experience and strikes at the narrowness and ethnocentrism of the traditional disciplines which have contributed much to race prejudice and misunderstanding. Part of its mission is to assist its black student clientele to achieve a more dignifying identity and fuller participation in the mainstream of American life. It attempts to help them to develop a greater awareness of themselves and their talents and to provide them educational and research opportunities necessary for the acquisition of understanding of political and economic realities and tools that must enable black people and other minorities to become effective determinants of their own political and economic life.

AGING STUDIES

Undergraduate Program

Although no baccalaureate degree in gerontology is offered, the Aging Studies Program does provide a core of four courses at the undergraduate level. These courses range from AGE 301, Introduction to Gerontology, to AGE 405, Seminar in Selected Topics in Social Gerontology, and are designed as electives for students from a variety of areas, particularly the human service areas. More generally, the objective of the sequence of undergraduate courses is to provide students with a broad educational experience in gerontology.

Graduate Program

The primary objective of the graduate program in aging is to train personnel for leadership positions in the planning, development, delivery, and evaluation of community services for older persons. In keeping with this objective, the program offers a broad range of cross-disciplinary courses. As an important part of the training process, each graduate student spends a supervised internship for one academic quarter in a community agency or facility which provides services for older persons. A Master of Arts degree in Gerontology is awarded upon satisfactory completion of the requirements.

ANTHROPOLOGY

Anthropology aims at comprehending man as a biological and social being. It is concerned with all forms of man through time and space. One consequence of this broad-ranging view is the presence within anthropology of four branches: physical anthropology, archaeology, cultural anthropology, and linguistics. Exposure to anthropological information and the cross-cultural perspective produces heightened sensitivity in the student to the world about him. This helps the student to adopt an intellectual posture of disciplined skepticism with respect to any scheme which purports to define and account for regularities in human life.

The primary objective of the graduate program is to provide both basic education and specialized training in several specific fields of applied anthropology which will enable the graduate to render valuable and substantive service at local, state, national, and international levels in a context of non-academic, non-teaching employment. Graduates will be capable of assuming vital positions in the various agencies and institutions charged with understanding and acting on the complex problems which beset our society.

COMMUNICOCOLOGY AUDIOLOGY— AURAL (RE)HABILITATION— SPEECH PATHOLOGY

The Department of Communicology offers master’s programs in the areas of Audiology, Aural (Re)Habilitation, and Speech Pathology. These programs are structured to meet the preparation requirements of the American Speech and Hearing Association for the Certificate of Clinical Competence or the national basic certification requirements of the Council on Education of the Deaf.

Undergraduate students may apply for acceptance in the M.S. degree program upon attaining Junior class standing, completion of the Communicology College level course sequence with a 3.0 grade average, and submitting appropriate Graduate Record Examination scores.
Applicants holding a baccalaureate degree from an accredited college or university will be eligible for admission to the fifth year of the M.S. program if the following minimum requirements are met: Submission of cumulative score of 1000 for the Graduate Record Examination Aptitude Test, plus a grade point average of 3.0 (A = 4.0) for the last half of the undergraduate course work.

The Department operates a clinical training laboratory to provide students with experiential training in the evaluation and treatment of communication disorders. Practicum is also provided in field settings which also include the public school systems of surrounding counties, hospitals and private clinics, and State residential institutions.

**CRIMINAL JUSTICE**

**Undergraduate Program**

The Criminal Justice Program provides students pursuing a major with an indepth exposure to the total criminal justice system including law enforcement, detention, the judiciary, corrections, and parole and probation. The Program, leading to a B.A. degree, concentrates on achieving balance in the above aspects of the system from the perspective of the criminal justice professional, the offender, and society.

**Graduate Program**

University requirements for graduate study are given on page 41. The objective of the graduate program in Criminal Justice is to develop a sound educational basis for professional training in one or more of the specialized areas comprising the modern, urban Criminal Justice System.

Admission to the M.A. program in Criminal Justice requires a satisfactory score on the aptitude section of the Graduate Record Examination and/or a minimum 3.0 grade point average during the last two years of undergraduate work and submission of three letters of recommendation and a letter of intent. Further information concerning the program may be obtained by contacting the Director of Graduate Studies of the Criminal Justice Program.

**ECONOMICS**

**Requirements for B.A. Degree**

Economics is one of the vital disciplines investigating the complex problems and relationships in modern society. Indeed, the very breadth of economics has led to major areas within the discipline, including labor economics, international economics, urban and regional economics, monetary economics, public finance, industrial organization, comparative economic systems, and the like. In addition, students are given a sound grounding in economic theory and economic statistics to facilitate the investigation of the problems of human behavior, decision-making and organizational effectiveness in these problem areas. Students majoring in economics are encouraged to supplement their programs with appropriate courses in other social sciences. Political science, psychology, sociology and others contribute greatly to an enriched plan of study. Similarly, a variety of courses in economics are designed to permit students majoring in other disciplines to acquire the skills and insights provided in economics. Thus students have the option of broad interdisciplinary programs, a general grounding in many areas of economics, or a more intensive concentration in one of the areas within economics. Students typically enroll in college to increase their general understanding of the world and to gain access to a relatively remunerative and high-status job. Presumably, these same considerations influence their choice of academic major and perhaps even course selection. Many students have discovered that the undergraduate program in economics combines the broad liberal education focus of social science disciplines in general with the rigorous specialized training of engineering or business administration helpful in seeking employment after graduation.

Students interested in majoring in economics are encouraged to contact the departmental adviser for more information about the program. In addition, the department maintains a file describing the varied career opportunities for economists in business, government and education.

**GEOGRAPHY**

**Requirements for the B.A. Degree.**

Geography as a discipline is designed to account for the variable character of the earth's surface. The two major divisions of geography are physical and cultural (human). Physical geography includes the study of earth-sun relationships, weather, climate and natural features of the landscape such as landforms, soils, vegetation, and hydrology. Cultural geography studies people, their various cultures, levels of technology, and economic activities which operate differentially to alter the natural landscape.

Geography's overriding purpose is to understand the earth as the home of man. A major concern of geography is the wise use of natural, human, and economic resources. Therefore, ecological and environmental considerations are central to the study of geography.

Students are encouraged to take elective credits in a wide variety of disciplines because of the cross-disciplinary approach of geography. Both social and natural sciences are recommended.

Geography majors generally teach or work in various planning, resource management, or consulting agencies, both private and governmental at all levels—local, state, and federal.

**Requirements for the M.A. Degree in Geography**

General requirements for graduate work are listed in a preceding section in this bulletin titled, "Division of Graduate Studies."

All students must complete 45 hours in graduate geography courses, following either a thesis track or a non-thesis teaching track. Specific course requirements in addition to six core courses are determined after a preliminary oral examination which the student takes early in the first quarter of graduate enrollment.
From four to eight credits may be taken outside the department with permission of the major professor. An oral comprehensive exam covering the general field of geography is required before graduation. For students electing the thesis track, an oral defense of the thesis is required. The student must demonstrate ability to translate into English the pertinent scientific literature from one modern foreign language. Foreign students whose mother tongue is not English may use English as their foreign language. A computer language (such as Fortran) may be used to meet the language requirement.

**HISTORY**

The Department of History offers courses of study for both the B.A. and M.A. degrees. Undergraduate courses in the department from five different two-course survey sequences through upper level courses arranged topically and chronologically, cover most of the fields of history. The undergraduate major requirements allow the student considerable flexibility in designing a program. Students are encouraged to take courses in other disciplines to complement the major. Graduate students choose a major and minor field from among the six graduate fields available. Courses in history contribute to general education and understanding of one's place in society, as well as to preparation for teaching at all levels, the ministry, international service, the Foreign Service, library, museum and archival work, research and other careers.

**INTERDISCIPLINARY SOCIAL SCIENCES (SSI)**

The Department of Interdisciplinary Social Sciences administers the College Major and the major in International Studies. In addition, it offers the following non-degree programs and course concentrations: 1) Interdisciplinary Core; 2) Human Services; 3) Leisure Studies; 4) Off-Campus Term; 5) Women's Studies.

**THE COLLEGE MAJOR Requirements for the B.A. Degree:**

The undergraduate program leading to the B.A. degree in Interdisciplinary Social Sciences (the College major of the College of Social and Behavioral Sciences) offers students whose vocational interests and educational objectives cross disciplinary lines a unique opportunity to undertake a program of study individually designed to serve those particular interests and objectives. Each student's program of study provides a basic foundation in two different disciplines or programs, and is individually evolved by the student in consultation with the major adviser so as to directly relate the choices of areas of concentration and of courses within them to the specific interests and objectives of the student, and so as to provide an educational experience of qualitative excellence.

**INTERNATIONAL STUDIES Requirements for the B.A. Degree:**

The undergraduate program leading to the B.A. degree in Interdisciplinary Social Sciences (the College major of the College of Social and Behavioral Sciences) offers students whose vocational interests and educational objectives cross disciplinary lines a unique opportunity to undertake a program of study individually designed to serve those particular interests and objectives. Each student's program of study provides a basic foundation in two different disciplines or programs, and is individually evolved by the student in consultation with the major adviser so as to directly relate the choices of areas of concentration and of courses within them to the specific interests and objectives of the student, and so as to provide an educational experience of qualitative excellence.

**INTERDISCIPLINARY CORE**

The SSI Core includes three basic courses which provide an introduction to the behavioral sciences with emphasis upon individual and social behavior and supporting topical case studies. These courses may be used to meet the College's general distribution requirement.

**HUMAN SERVICES CORE OF COURSES**

The Human Services courses are designed to meet the needs of three types of students:

1. Persons currently working in a human services position and whose academic preparation was not adequate when they began their careers.
2. Persons working in a human services position and who wish to undertake a program of professional renewal and enrichment.
3. Students who are majoring in one of the social science disciplines and who desire to develop entry-level skills for careers in the human services field.

The Human Services courses are multi-disciplinary in character and they augment rather than replace training in such areas as rehabilitation, criminal justice and social work.

**LEISURE STUDIES**

The Leisure Studies Program is devoted entirely to the subject of leisure in the broadest sense, a concern with the total pattern of work and nonwork trends of the post-industrial society related to cyberrnation, increases in bulk time, flexible work patterns, urbanization, changing values, public policy, recreation, and new demands on education and other social institutions.

**OFF-CAMPUS TERM**

The Off-Campus Term Program, described more in detail elsewhere in this Bulletin, is a university-wide, interdisciplinary program which urges students to spend part of their time in college in pursuits that are self-designed and implemented in an environment entirely off-campus and out of the classroom. OCT provides for an "education in life" for full academic credit as an alternative to the traditional methods of learning.

**WOMEN'S STUDIES PROGRAM**

The Women's Studies Program offers a concentration of interdisciplinary courses focusing on the role of women in the modern world. Several of its courses are cross-listed with those of other departments, such as Anthropology and Psychology.

**POLITICAL SCIENCE Requirements for the B.A. Degree**

The undergraduate program leading to the B.A. in Political Science offers a general purpose degree. It is designed for students interested in and seeking to understand political problems and issues, the nature of the political process, as well as the philosophical and legal bases of political structures and processes at local, state, and national levels in the United States and elsewhere. Satisfying the degree requirements prepares students for positions in the public and private sectors, for law school, for graduate work in political science and related disciplines, for positions in education, and for applied political activities.

For instructional purposes, the political science curriculum is divided into four fields: (1) American government; (2) public administration and state and local government; (3) political theory and philosophy; and, (4) comparative politics and international relations.

The Political Science department has a field work program which provides students with part-time internships in local government in the Tampa Bay area. This program has three purposes:
1. To give students an understanding and knowledge of government which can be obtained only through an association with the day-to-day activities of governments and related agencies;
2. To increase the understanding between the University community and the local community;
3. To utilize the University's and student's skills and expertise to assist local governments.

Requirements for Pre-Law

Pre-law (preparation for the successful study of law) is not a prescribed program of study. No specific college major is required for admission to law school. Those students intending to pursue the study of law must obtain a bachelor of arts in an area of his personal choice.

The American Association of Law Schools suggests that students preparing for law school must acquire basic skills in: (1) rapid reading and comprehension, and (2) the English language. Mastery of the English language, both written and oral, and ability to read rapidly and comprehensively are positively essential for successful performance in the study of law. As there is no prescribed pre-law program, any courses that help develop clear and systematic thinking, logic, command of the English language and a broad understanding of our society would constitute sound preparation. A good lawyer must have knowledge of an understanding of the economic, political, and social context within which legal problems arise.

Prior to admission to a law school, a student must take the Law School Admission Test (LSAT). This test is given by the Educational Testing Service at Princeton, New Jersey.

The Law School Admission Test is given simultaneously several times each year at University of South Florida and numerous other testing centers throughout the state. Students should plan to take the test not later than February of the year in which they make application to a law school. Information pamphlets and application blanks for the test are obtainable from the Department of Political Science, University of South Florida.

Requirements for the M.A. Degree:

General requirements for graduate study are given on page 41.

The student must complete a minimum of 45 credit hours of graduate level courses. At least 24 hours must be at the 600 level. The minimum of 30 credit hours must be taken in formal, regularly scheduled classes, 15 hours of which must be at the 600 level. Courses at the 500 level are acceptable for credit towards the master's degree when taken as part of a planned degree program, approved by both the student's adviser and the Department of Political Science. A required number of core courses must be taken by all students in the graduate program. A minimum of 28 credit hours must be taken in political science; 8 credit hours of approved electives may be taken outside the Department. All graduate students must write a thesis (9 credit hours) or petition for substitution with 12 credit hours of regular courses. A comprehensive oral examination will follow the completion of the course work.

Students who do not have an undergraduate major in Political Science, or its equivalent, may be admitted to candidacy in the program upon consent of the Department. Such students may be required to take additional courses beyond the minimum requirements.

A minimum of one-half of the master's degree program must be completed on campus. The student must be registered as full-time graduate student for at least one quarter of study.

More detailed instructions may be obtained from the Department of Political Science.

■ PSYCHOLOGY

The undergraduate program in Psychology offers the student a well-rounded Liberal Arts education, together with the opportunity to gain a special acquaintance with issues such as those concerning man's role in modern society, tactics of social change, personal adjustment, and educational goals and strategies. In addition, the program provides excellent background training for qualified students who wish to pursue graduate work in disciplines such as clinical, experimental, or industrial psychology, education, aging studies, counseling, women’s studies, black studies, or community relations.

The faculty of the Psychology Department is divided into three broad program areas: Clinical-Community, Experimental-Physiological, and Industrial-Organizational. Each of these program areas offers graduate study in the areas of abnormal psychology, developmental psychology, behavior modification, psychotherapy, personality, and psychological assessment. Individual research experience is also available to qualified students. Members of the Experimental-Physiological faculty provide coursework and, for qualified students, direct and extensive research experience, in the areas of comparative psychology, electrophysiology, learning and conditioning, human memory, perception, and information processing. Members of the Industrial-Organizational faculty offer coursework and special training in areas including selection, training and evaluation of employees, job motivation and satisfaction, small group analysis, organizational theory, and human factors.

■ REHABILITATION COUNSELING

Requirements for the M.A. Degree:

The M.A. program in Rehabilitation Counseling requires a minimum of 60 credit hours and offers the student the flexibility of entering while he is a University senior or after he has earned a baccalaureate degree.

Minimum admission requirements for students electing the 5-year approach include acceptance by USF, completion of 135 quarter hours, a score of at least 1000 on the GRE or a B average on all work beyond 90 credit hours, and a personal interview. He must complete all General Distribution requirements and may not apply for a baccalaureate degree.

Minimum admission requirements for students entering the program as regular graduate students after they have earned a baccalaureate degree include a score of at least 1000 on the GRE or a B average during the last two years of college work, and a personal interview. The GRE must be taken by all students entering the program whether or not they meet the B average requirement.

Through individual counseling, vocational testing and evaluation, coordination of rehabilitation services, and a variety of related skills and techniques, the rehabilitation counselor works with other members of the rehabilitation team in assisting individuals to achieve maximum self-realization and optimal psychological, vocational, and social adjustment. The rehabilitation counselor may work in a variety of settings including state vocational rehabilitation agencies, hospitals, rehabilitation centers, sheltered workshops, vocational counseling centers, correctional institutions, schools for the mentally retarded or mentally ill, and other similar facilities.

■ SOCIOLOGY

As an undergraduate major, sociology provides students with the four different kinds of program concentrations. One attractive to the majority of possible students, may be described as "useful sociology." Many of the courses taken involve skills valuable in employment. For example, in a research methods course, interviewing skills can be used in sales, personnel work, social action careers, management, as well as in research. Similarly, careers which involve interpersonal relations can benefit enormously from courses in social psychology or small group-
analysis. Also, pre-professional training, as in law school, business administration, social work, and the like, can rest on courses that have "useful" aspects in them. Another concentration can be styled that of "liberal education." In this concentration, the central point is the question of the nature of man, the social being. Experience has shown that the truly liberally educated person is prepared for a variety of life experiences because that person understands how to ask important questions and how to go about getting answers. More importantly, the liberally educated person is equipped to take seriously the matter of being a human being. Sociology courses are aimed largely at problems on the nature of one's social world, the nature of man collectively, and on the individual person—the student as a unique being. Finally, sociology can be a major in the sense that it represents an intellectual discipline. Some students will find that it is interesting in its own right and that they would like to continue educational pursuits beyond the bachelor's degree.

These different concentrations differ as much in the attitude of the student taking the courses as in the selection of courses making up the individual program of study. They are not logically distinct concentrations: any one course may have elements of all three. For example, a student majoring in sociology as an academic discipline may at the same time involve himself in questions of a liberal education and at the same time pick up skills which will lead to satisfying employment. While the department is developing an undergraduate track in social work, students should understand that sociology majors are not restricted to social work or even social action types of careers. Any career involving human interaction, and that covers an extremely wide range of careers, actually benefits from sociological training.
In the fall of 1968 the St. Petersburg Campus opened with a modest offering of resident credit courses for local students of junior, senior, or graduate standing. By the 1974-75 academic year, student enrollment increased to more than 1800 students.

As a branch of the University of South Florida, the St. Petersburg Campus enjoys the advantage of a relatively small, cohesive faculty and student body combined with the resources and support services of a large university. Easy interaction on an informal basis among students and faculty both in and out of the classroom enhance the learning opportunities open to students enrolled at the St. Petersburg Campus.

## Academic Programs

The St. Petersburg Campus, which offers only upper level and graduate courses, enrolls students in programs from the Colleges of Business Administration, Education, Engineering, Natural Sciences, Arts and Letters, and Social and Behavioral Sciences. All courses taken on the St. Petersburg Campus receive full resident credit. Academic requirements for graduation from the University of South Florida are the same for students on either campus.

There are approximately 40 full time resident faculty members on the St. Petersburg Campus. This core of faculty is supplemented by professors who commute from the Tampa campus as well as by qualified adjunct faculty employed in local organizations and institutions, thus increasing the scope and variety of academic services available to students on the St. Petersburg Campus.

While at present it is not possible for students to complete work at the master's level on the St. Petersburg Campus, each quarter selected graduate courses are offered by the Colleges of Business Administration, Education, Arts and Letters, and Social and Behavioral Sciences.

Additional detail about degree programs in the several colleges which are available to students on the St. Petersburg Campus are outlined in the following paragraphs.

### Arts and Letters

Students desiring a major in English can complete the requirements for a degree on the St. Petersburg Campus. Also available are selected courses in Mass Communications, American Studies, and several master's level courses in literature for the graduate student.

### Business Administration

At the present time, business administration students can meet all academic requirements for the B.A. degree at the St. Petersburg Campus with majors in accounting, management, or general business administration. Eight full time faculty supplemented by an adjunct faculty of practicing attorneys, CPAs, and business executives provide coverage for a full range of courses in all areas of business.

### Education

Students majoring in teacher education can complete the requirements for a degree on the St. Petersburg Campus in several programs: Elementary Education, Secondary Education, Elementary-Early Childhood Education, and Exceptional Child Education. In addition, graduate courses are offered at the master's level for practicing teachers seeking an M.A. degree.
Engineering

The College of Engineering offers course work leading to the Bachelor of Engineering Technology degree to students holding an A.S. degree in Engineering Technology from local Community colleges. Except for selected courses in specialized fields, a student can complete the requirements for his degree on the St. Petersburg Campus. For more details see page 36.

Natural Sciences

The Department of Mathematics offers a number of courses of particular interest to students in education, business, and social sciences.

Social and Behavioral Sciences

Partial baccalaureate and master's programs are available to students who wish to major in criminal justice, rehabilitation counseling, and aging studies.

Degree programs which can be completed on the St. Petersburg Campus include: geography, history, political science, psychology, and sociology. Courses in the social sciences are designed to facilitate employment of graduates in community social agencies and businesses as well as to increase the probability of admission to graduate school. Experiential learning opportunities under faculty guidance are available to social science students through the cooperation of local social agencies, institutions, and business organizations.

Library Facilities

Library resources on the St. Petersburg Campus now total nearly 40,000 volumes and approximately 400 journals and magazines. Students also have complete access to circulating books and materials from the main library on the Tampa Campus by means of inter-campus loans.

Student Affairs

Student Activities. On-campus student activities include a swimming pool-recreation complex, billiard and ping pong tables, film series and a sports equipment check-out. In addition, many community cultural and recreational resources are available to students at a reduced price through a program of direct student subsidization. Membership in both professional and recreational clubs is also available to students.

Financial Aid information is available in the Office of Student Affairs.

Emergency medical service is provided for students who incur injury or illness while on campus.

Counseling in vocational, social and personal matters is available through the Counseling Services. Job placement is also coordinated through the Office of Student Affairs.

Admissions

Admissions procedures for students entering the University may be completed through the Admissions Office on the St. Petersburg Campus. Students wishing to contact the Admissions Office on the St. Petersburg Campus may call St. Petersburg, 898-7411, ext. 266. Admissions policies for entrance into the University are the same on both campuses.
ADMINISTRATION OF STATE UNIVERSITIES

State Board of Education

Reuben O'D. Askew
Governor

Doyle E. Conner
Commissioner of Agriculture

Gerald A. Lewis
Comptroller

Thomas D. O'Malley
State Treasurer

Robert L. Shevin
Attorney General

Bruce A. Smathers
Secretary of State

Ralph D. Turlington
Commissioner of Education

State Board of Regents

Marshall M. Criser, Chairman (1983)*
Palm Beach

James J. Gardener, Vice Chairman (1981)
Ft. Lauderdale

J. J. Daniel (1980)
Jacksonville

Chester H. Ferguson (1979)
Tampa

Miami

E. W. Hopkins, Jr. (1978)
Pensacola

D. Burke Kibler, III (1976)
Lakeland

Gainesville

Julius F. Parker, Jr. (1977)
Tallahassee

E. T. York, Chancellor†
State University System

*term expires
†effective July 1, 1975

Organizational Chart
University of South Florida
Tampa
March, 1975
UNIVERSITY OF SOUTH FLORIDA
April, 1975

OFFICE OF THE PRESIDENT

President.............................................. CECIL MACKEY
Assistant to the President.................. JOSEPH F. BUSTA, JR.
General Counsel............................ STEVEN G. WENZEL
Director, Medical Center................... DONN L. SMITH
Coordinator, Equal Opportunity............. JAMES F. VICKREY, JR.

UNIVERSITY RELATIONS

Director...................................... JAMES F. VICKREY, JR.
Director, Information Services........... JAMES J. BRUSS
Director, Publications...................... FRANK E. SPEAR

ACADEMIC AFFAIRS

Vice President................................. CARL D. RIGGS
Associate Vice President................. WILLIAM H. SCHEUERLE
Assistant Vice President................ C. JOSEPH CARTER
Assistant to the Vice President........... DAVID C. JORDAN
Special Assistant for Equal Opportunity.... ROSALIE H. WASHINGTON
Dean, St. Petersburg Campus............. LESTER W. TUTTLE
Director, Fort Myers Campus............. ROY I. MUMME
Director, Graduate Study & Research..... WILLIAM H. TAYLOR
Director, Community College Relations... FRANK H. SPAIN, JR.
Director, Continuing Education........... J. RICHARD BRIGHTWELL
Director, Bachelor of Independent Studies........................................ KEVIN E. KEARNY
Director, Educational Resources......... WILLIAM G. MITCHELL
Director, Libraries.......................... MARY LOU HARKNESS
Registrar......................................... DOUGLAS B. MACCULLOUGH

COLLEGE OF ARTS AND LETTERS

Dean (acting)................................. DANIEL RUTENBERG
Assistant to the Dean.................... BARBARA C. COX
Coordinator of Advising (acting)...... ROSEMARY McC. MORLEY
Chairpersons

English ........................................... JOHN R. CLARK
Foreign Languages.......................... ANNA L. MOTTO
Humanities (acting)......................... HOWARD GOWEN
Mass Communications...................... EMERY L. SASSER
Philosophy...................................... JAMES A. GOULD
Religious Studies............................ WILLIAM C. TREMMEL
Speech Communication........................ ROBERT D. BROOKS

Directors

American Studies Program................. HENRY M. ROBERTSON
History of Ideas Program................ JOHN B. CAMP
Liberal Studies Program................... JOHN B. CAMP
Linguistics Program........................ ROGER W. COLE

COLLEGE OF BUSINESS ADMINISTRATION

Dean.............................................. HOWARD S. DYE
Associate Dean.............................. G. HARTLEY MELLISH
Assistant to the Dean..................... MARYANNE BICKS
Director of Graduate Studies............. EILEEN HANNI
Coordinator of Advising, Upper Level... KENNETH W. DAVEY
Chairpersons

Accounting and Business Law.............. LOUIS C. JURENSSEN
Economics...................................... THOMAS D. CURTIS
Finance.......................................... JAMES R. LONGSTREET
Management..................................... HAROLD M. SCHRODER
Marketing (acting).......................... THOMAS E. NISS

COLLEGE OF EDUCATION

Dean.............................................. ROGER E. WILK
Associate Dean for Programs............... H. PHILLIP PIFST
Associate Dean for Research and Development (acting).............. JAMES W. BARNARD
Assistant Dean for Administration...... RICHARD H. HIGBEE

Chairpersons

Curriculum & Instruction.................. JOHN C. FOLLAN
Communicative Arts........................ RICHARD I. LOVELESS
Educational Systems........................ E. CHRISTIAN ANDERSON
Human Effectiveness........................ DOROTHY D. SISK

Program Directors

Adult, Vocational............................ REX C. TOOTHMAN
Art Education................................... HAYDEN C. BRYANT
Educational Foundations................... E. V. JOHANNINGMEYER
Educational Leadership..................... CALVERT J. CRAGUE
Elementary Education........................ A. EDWARD UPRICHARD
Exceptional Child............................ G. ORVILLE JOHNSON
Guidance, Reading, & School Psychology..... DONALD N. NEVILLE
Health/Physical Education.................... HUBERT A. HOFFMAN
Library Education............................. ALICE G. SMITH
Music Education............................... VIRGINIA A. BRIDGES
Secondary Education........................ DONALD L. LANTZ

Teacher Education Center/Off-Campus

Courses........................................... RAYMOND A. URBAN
Student Personnel............................ MELVIN G. VILEME
Graduate Advising............................ L. THOMAS KARNS
Undergraduate Advising.................... CHARLES A. GORDON
Student Teaching (acting)................... MARCIA L. MANN
Student Activities......................... LOREN G. ROBERTS

South Florida Educational Planning Council....... TBA
Upward Bound................................... RICHARD F. PRIDEME

COLLEGE OF ENGINEERING

Dean.............................................. EDGAR W. KOOP
Assistant Dean.............................. RUDOLPH E. HENNIN
Chairpersons

Electrical & Electronics Systems............. MERLE R. DONALDSON
Energy Conversion & Mechanical Design..... LINUS A. SCOTT
Structures, Materials, & Fluids.......... JOHN E. GRIFFITH
Systems Engineering........................ ROBERT J. WIMMERT

Program Coordinators

Engineering Science......................... JOHN LLEWELLYN
Engineering Technology...................... CHARLES E. PAYNE
Computer Science............................ OSCAR N. GARCIA
Applied Mathematics........................ LOUIS F. DOTY
Chemical Engineering...................... J. CARLOS BUSOTT

COLLEGE OF FINE ARTS

Dean.............................................. DONALD J. SAFF
Assistant Dean.............................. PETER B. O'SULLIVAN
Coordinator of Advising and Graduate Studies......................... C. WESLEY HOUK
Chairpersons

Art.................................................. GEORGE PAPPAS
Dance............................................. WILLIAM G. HUG
Music.............................................. VANCE JENNINGS
Theatre (acting).............................. JOHN W. COKER

Director

Florida Center for the Arts (acting)...... JOHN W. COKER

*This interim departmental structure will exist for the 1975/76 academic year on an experimental basis; it will not be official until approved by the Board of Regents.

†effective September 1, 1975
COLLEGE OF MEDICINE

Dean ............................................ DONN L. SMITH
Associate Dean ................................ HOLLIS G. BOREN
Associate Dean for Preclinical Affairs ....... CHARLES W. FISHEL
Associate Dean of Student Affairs .......... JACK W. HICKMAN
Chairpersons of the Dean of Admissions .... JULIAN J. DWORNIK

Chairpersons
Anatomy ........................................ HAROLD N. SCHNITZLEIN
Biochemistry ................................... JOSEPH G. CORY
Comprehensive Medicine .................... O'NEILL BARRETT, JR.
Family Medicine ................................ DONN L. SMITH
Internal Medicine ................................ ROY H. BEHNKE
Medical Microbiology ....................... CHARLES W. FISHEL
Obstetrics & Gynecology ...................... JAMES M. INGRAM
Ophthalmology ................................ WILLIAM C. EDWARDS
Pathology ....................................... HERSCHEL SIDRANSKY
Pediatrics ...................................... LEWIS A. BARNES
Pharmacology ................................... ANDOR SZENTIVANYI
Physiology ...................................... CARLETON H. BAKER
Psychiatry (acting) ............................ MARTIN W. DENKER
Radiology (acting) ............................. ARTHUR D. GRAHAM
Surgery ......................................... ROGER T. SHERMAN

Directors
Medical Library ................................. FRED BRYANT
Vivarium ....................................... LOUIS R. NELSON

COLLEGE OF NATURAL SCIENCES

Dean .............................................. JAMES D. RAY, Jr.
Assistant to the Dean and Director of Advising ............... WALTER E. WILLIAMS

Chairpersons
Astronomy ....................................... HEINRICH K. EICHHORN-VON WURMB
Biology (acting) ................................. STEWART L. SWHART
Chemistry ....................................... TERENCE C. OWEN
Geology ......................................... RICHARD A. DAVIS, JR.
Marine Science .................................. FRANK T. MANHEIM
Mathematics .................................... MANOOG N. MANOUGIAN
Physics .......................................... NORMAN L. OLSON

Directors
Astronomical Observatory ...................... EDWARD J. DEVINNEY
Botanical Gardens (acting) .................... MELVIN W. WATSON
Herbarium ..................................... ROBERT W. LONG

COLLEGE OF NURSING

Dean .............................................. GWENDOLINE R. MACDONALD

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

Dean .............................................. TRAVIS J. NORTHICUTT
Associate Dean ................................ GILBERT KUSHER
Coordinator of Advising .................... TBA

Chairpersons
Anthropology .................................... GILBERT KUSHER
Communications ................................ STEWART E. KINDE
Economics ...................................... THOMAS D. CURTIS
Geography ....................................... JOHN W. STAFFORD
History .......................................... ROGER W. TRASK
Interdisciplinary Social Sciences ............ MARK T. ORR
Political Science ............................... R. LEWIS BOWMAN
Psychology ...................................... JAMES W. ANKER
Sociology ....................................... ROY G. FRANCIS

Directors
Afro-American Studies Program ............... FESTUS U. OHAEBULAM
Aging Studies Program ......................... THOMAS A. RICH
Criminal Justice Program ..................... MITCHELL SILVERMAN
International Studies Program ............... MARK T. ORR
Leisure Studies Program ..................... MAX KAPLAN
Off-Campus Term Program ................... D. KEITH LUPTON
Rehabilitation Counseling Program .......... CALVIN M. PINKARD
Women's Studies Program ..................... JUANITA H. WILLIAMS

ADMINISTRATIVE AFFAIRS

Vice President ................................ KENNETH W. THOMPSON
Assistant Vice President ..................... ROBERT E. WALLACE
Special Assistant for Equal Opportunity .... TBA
Center Administrator, St. Petersburg Campus . HERMAN J. BRAMES
Comptroller .................................... ERIC L. WALDEN
Director, Auxiliary Services ................... TOMMY R. BERRY
Director, Regional Data Center ................ HOWARD R. STEELE
Director, Internal Control ..................... RAYMOND ZUEREICH
Director, Personnel Relations ................ TBA
Director, Physical Plant ...................... CHARLES W. BUTLER
Director, Procurement ......................... KEITH SIMMONS
Director, Public Safety and Security ......... PAUL A. URAVICH

FINANCE AND PLANNING

Vice President ................................ ALBERT C. HARTLEY
Assistant Vice President ...................... GLENNDON E. CLAYTON
Director, Facilities Planning .................. KENNETH J. HOLLETT
Director, Space Utilization and Analysis .... LILLIAN YОРKS ANDERSON
Director, University Budgets ................ RICKARD C. FENDER
Director, Institutional Studies ............... DONALD J. ANDERSON

STUDENT AFFAIRS AND UNIVERSITY DEVELOPMENT

Vice President ................................ JOE A. HOWELL
Assistant Vice President ..................... DANIEL R. WALBOLT
Assistants to Vice President .................. TROY L. COLLIER
MARGARET B. FISHER
CHARLES F. HEWITT

Directors of Divisions
Student Publications ......................... LEO STALNAKER
Counseling Center for Human Development .......... EDMUND E. ALLEN
Financial Aids ................................ GEORGE H. GOLDSMITH
Housing ........................................ RAYMOND C. KING
Physical Education, Recreational Sports and Athletics ........... RICHARD T. BOWERS
Cooperative Education and Placement ........ GLENDA F. LENTZ
St. Petersburg Campus ......................... DANIEL E. BEEMAN
Student Health Service, Medical Services ...... LARRY E. STEVENS
Student Health Service, Administrative Services .......... ANNABELLE M. WINCH
Student Organizations ....................... PHYLLIS P. MARSHALL
University Center .............................. DUANE E. LAKE
University Studies ............................. MAX C. DERTKE
Development .................................. TROY EDMONSON
Alumni Affairs ................................ JOSPEH M. TOMAINO
Veterans Affairs .............................. ROBERT JETT

ST. PETERSBURG CAMPUS

Academic Affairs
Dean ............................................. LEONARD F. TUTTLE, JR.
Admissions and Records Officer ............... EVELYN R. MOHLER
Center Administration
Center Administrator .......................... HERMAN J. BRAMES
Library, Campus ............................... DORIS C. COOK
Associate Librarian ......................... BETTY FERRIS
Library, Extension ............................ OSBORNE L. GOMEZ
Director ........................................ MARGUERITE S. WURSTER

FORT MYERS CAMPUS

Director ........................................ ROY I. MUMME

SARASOTA CAMPUS

Contact Person ................................. SARA HOWELL
### COURSE PREFIX ABBREVIATIONS

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC</td>
<td>Accounting</td>
</tr>
<tr>
<td>AFA</td>
<td>Afro-American Studies</td>
</tr>
<tr>
<td>AGE</td>
<td>Aging Studies (Gerontology)</td>
</tr>
<tr>
<td>AMS</td>
<td>American Studies</td>
</tr>
<tr>
<td>ANC</td>
<td>Ancient Studies</td>
</tr>
<tr>
<td>ANI</td>
<td>Anthropology</td>
</tr>
<tr>
<td>ARA</td>
<td>Arabic (Modern Languages)</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
</tr>
<tr>
<td>AST</td>
<td>Astronomy</td>
</tr>
<tr>
<td>BIO</td>
<td>Biology</td>
</tr>
<tr>
<td>BOT</td>
<td>Botany (Biology)</td>
</tr>
<tr>
<td>CBS</td>
<td>Senior Seminar</td>
</tr>
<tr>
<td>CHM</td>
<td>Chemistry</td>
</tr>
<tr>
<td>CIP</td>
<td>Criminal Justice</td>
</tr>
<tr>
<td>CLS</td>
<td>Classics and Ancient Studies</td>
</tr>
<tr>
<td>CLY</td>
<td>Communicology</td>
</tr>
<tr>
<td>COE</td>
<td>Cooperative Education</td>
</tr>
<tr>
<td>COM</td>
<td>Mass Communications</td>
</tr>
<tr>
<td>DAN</td>
<td>Dance</td>
</tr>
<tr>
<td>DMA</td>
<td>Developmental Mathematics</td>
</tr>
<tr>
<td>DRS</td>
<td>Developmental Study Skills</td>
</tr>
<tr>
<td>ECN</td>
<td>Economics</td>
</tr>
<tr>
<td>EDA</td>
<td>Art Education (Education)</td>
</tr>
<tr>
<td>EDC</td>
<td>Curriculum (Education)</td>
</tr>
<tr>
<td>EDE</td>
<td>Elementary Education (Education)</td>
</tr>
<tr>
<td>EDF</td>
<td>Foundations (Education)</td>
</tr>
<tr>
<td>EDG</td>
<td>Guidance (Education)</td>
</tr>
<tr>
<td>EDH</td>
<td>Junior College Education (Education)</td>
</tr>
<tr>
<td>EDL</td>
<td>Library-Audiovisual Education (Education)</td>
</tr>
<tr>
<td>EDM</td>
<td>Music Education (Education)</td>
</tr>
<tr>
<td>EDP</td>
<td>Natural Science-Mathematics Education (Education)</td>
</tr>
<tr>
<td>EDR</td>
<td>Physical Education (Education)</td>
</tr>
<tr>
<td>EDS</td>
<td>Exceptional Child Education (Education)</td>
</tr>
<tr>
<td>EDT</td>
<td>English Education and Speech Communication-English Education (Education)</td>
</tr>
<tr>
<td>EDV</td>
<td>Vocational &amp; Adult Education (Education)</td>
</tr>
<tr>
<td>EDW</td>
<td>Social Science Education (Education)</td>
</tr>
<tr>
<td>EDX</td>
<td>Foreign Language Education (Education)</td>
</tr>
<tr>
<td>EDY</td>
<td>Humanities Education (Education)</td>
</tr>
<tr>
<td>EGB</td>
<td>Basic Engineering (Engineering)</td>
</tr>
<tr>
<td>EGE</td>
<td>Electrical &amp; Electronic Systems (Engineering)</td>
</tr>
<tr>
<td>EGR</td>
<td>Energy Conversion &amp; Mechanical Design (Engineering)</td>
</tr>
<tr>
<td>EGS</td>
<td>Industrial Systems (Engineering)</td>
</tr>
<tr>
<td>EGX</td>
<td>Structures, Materials &amp; Fluids (Engineering)</td>
</tr>
<tr>
<td>ENG</td>
<td>English</td>
</tr>
<tr>
<td>ENY</td>
<td>Environment</td>
</tr>
<tr>
<td>ESC</td>
<td>Computer Service Course (Engineering)</td>
</tr>
<tr>
<td>ETK</td>
<td>Engineering Technology</td>
</tr>
<tr>
<td>FIN</td>
<td>Finance</td>
</tr>
<tr>
<td>FNA</td>
<td>Fine Arts (Interdisciplinary)</td>
</tr>
<tr>
<td>FOL</td>
<td>General Foreign Languages</td>
</tr>
<tr>
<td>FRE</td>
<td>French (Foreign Languages)</td>
</tr>
<tr>
<td>GBA</td>
<td>General Business Administration</td>
</tr>
<tr>
<td>GER</td>
<td>German (Foreign Languages)</td>
</tr>
<tr>
<td>GLY</td>
<td>Geology</td>
</tr>
<tr>
<td>GPY</td>
<td>Geography</td>
</tr>
<tr>
<td>GRE</td>
<td>Greek (Foreign Languages)</td>
</tr>
<tr>
<td>HEB</td>
<td>Hebrew (Foreign Languages)</td>
</tr>
<tr>
<td>HEN</td>
<td>Health Education (Education)</td>
</tr>
<tr>
<td>HII</td>
<td>History of Ideas</td>
</tr>
<tr>
<td>HTY</td>
<td>History</td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities</td>
</tr>
<tr>
<td>ITA</td>
<td>Italian (Foreign Languages)</td>
</tr>
<tr>
<td>LIN</td>
<td>Linguistics</td>
</tr>
<tr>
<td>I11</td>
<td>Interdisciplinary Language-Literature</td>
</tr>
<tr>
<td>MAN</td>
<td>Management</td>
</tr>
<tr>
<td>MED</td>
<td>Medicine</td>
</tr>
<tr>
<td>MET</td>
<td>Medical Technology</td>
</tr>
<tr>
<td>MIC</td>
<td>Microbiology (Biologyl</td>
</tr>
<tr>
<td>MKT</td>
<td>Marketing</td>
</tr>
<tr>
<td>MSC</td>
<td>Marine Science</td>
</tr>
<tr>
<td>MSG</td>
<td>Medical Sciences</td>
</tr>
<tr>
<td>MTH</td>
<td>Mathematics</td>
</tr>
<tr>
<td>MUS</td>
<td>Music</td>
</tr>
<tr>
<td>NAS</td>
<td>Natural Sciences</td>
</tr>
<tr>
<td>NUR</td>
<td>Nursing</td>
</tr>
<tr>
<td>OCT</td>
<td>Off-Campus Term</td>
</tr>
<tr>
<td>PEB</td>
<td>Physical Education, Elective</td>
</tr>
<tr>
<td>PHI</td>
<td>Philosophy</td>
</tr>
<tr>
<td>PHS</td>
<td>Physical Sciences</td>
</tr>
<tr>
<td>PHY</td>
<td>Physics</td>
</tr>
<tr>
<td>POL</td>
<td>Political Science</td>
</tr>
<tr>
<td>POR</td>
<td>Portuguese (Foreign Languages)</td>
</tr>
<tr>
<td>PSY</td>
<td>Psychology</td>
</tr>
<tr>
<td>REH</td>
<td>Rehabilitation Counseling</td>
</tr>
<tr>
<td>REL</td>
<td>Religious Studies</td>
</tr>
<tr>
<td>ROM</td>
<td>Romance (Foreign Languages)</td>
</tr>
<tr>
<td>RUS</td>
<td>Russian (Foreign Languages)</td>
</tr>
<tr>
<td>SOC</td>
<td>Sociology</td>
</tr>
<tr>
<td>SPA</td>
<td>Spanish (Foreign Languages)</td>
</tr>
<tr>
<td>SPE</td>
<td>Speech Communication</td>
</tr>
<tr>
<td>SSI</td>
<td>Social Sciences, Interdisciplinary</td>
</tr>
<tr>
<td>TAR</td>
<td>Theatre Arts</td>
</tr>
<tr>
<td>WSP</td>
<td>Women's Studies</td>
</tr>
<tr>
<td>ZOO</td>
<td>Zoology (Biologyl</td>
</tr>
</tbody>
</table>

91
TAMPA CAMPUS
46 Medical Center
47 Botanical Garden
48 Observatory
A Baptist Student Center
B Episcopal Student Center
C University Chapel Fellowship
D Catholic Student Center
INDEX

Major curricula and programs are listed in italics.

Academic
advising, 15, 27
calendar, 4-5
dishonesty, 31
grievance procedure, 30
load, 28
policies and procedures, 28ff
residence, 33
warning, 29
Academic Regulations Committee, 30
Accounting, 47
Accreditation, 9
Adding courses, 28
Administration, University, 89
Administration and Supervision, 58
Admission, 13
of foreign students, 14
of freshmen, 13
of graduate students, 41
of transfer students, 14
Admission to:
College of Arts & Letters, 44
College of Business Administration, 47
College of Education, 50
College of Engineering, 60
College of Fine Arts, 68
College of Medicine, 74
College of Natural Sciences, 75
College of Nursing, 78
College of Social & Behavioral Sciences, 80
Evening classes, 15
Graduate study, 41
Junior college teaching, 58
Supervised teaching experience, 50
the University, 13
Adult education, 17
Continuing Education, 16
External degree program, 35
see also Vocational and Adult Education
Advanced placement, 16, 35
Advising, academic, 15, 27
Afro-American Studies, 81
Aging Studies, 81
Alumni, 26
American Studies, 44
Ancient Studies, 45
Anthropology, 81
Application
for admission, 13
for Associate of Arts degree, 34
for graduate study, 41
for graduation, 33
Applied Science and Technology, 64
Art, 70
Art Education, 56
Arts & Letters, College of, 44
Associate of Arts degree, 34
Astronomy, 75
Athletics, intercollegiate, 26
Audiovisual education,
see Library-Audiovisual Education
Audiovisual services, 39
Audiology, see Communicology
Audit, of courses, 28
Aural (Re)Habilitation, see Communicology
Automobiles, on campus, 20
Availability of courses and programs, 28
Bachelor's degrees, 32
Bicycles, on campus, 20
Biology, 75
Board of Education, State, 88
Board of Regents, 88
Bookstores, campus, 21
Botany, see Biology
Broadcasting services, 39
Business Administration, 47
Business Administration, College of, 47
Business and Office Education, 55, 58
Calendar, academic, 4-5
Campus maps, 92-93
Cancellation, of registration, 19, 28
Career Counseling and Guidance
Services, 23
Catalog, choice of, 33
Center for Continuing Education, 11, 16, 36
Central Florida Regional Data Center, 40
Certificate of Concentration, 46
Certification, of teachers, 51
Change, notice of, 30
Change of major, 30
Check cashing, 20, 21
Chemical Engineering, 61
Chemistry, 76
Class standing, 30
Clinical Chemistry, 76
Clubs and organizations, 24
College Level Examination Program
(CLEP), 35
Colleges:
Arts & Letters, 44
Business Administration, 47
Education, 50
Engineering, 59
Fine Arts, 67
Medicine, 74
Social & Behavioral Sciences, 80
Communicating with the University, 2
Community College Relations, 16
Communication Center, 40
Computer service courses, 66
Concentration, Certificate of, 46
Conduct, student, 22
Continuing Education, 11, 16, 36
Cooperative Education Unit (CEU), 36
Cooperative Education & Placement, Division of, 23
Cooperative Education Program, 23
Credit by examination, 32
Criminal Justice, 82
Cross enrollment, USF-HCC, 35
Curriculum and Instruction, 58
Dance, 71
Dean's List, 30
Degree applications, 33
Degrees:
Associate of Arts, 34
Bachelor's, 32
Doctor of Philosophy, 43
see also major field
Education Specialist, 58
Master's, 43
see also major field
Development Office, 26
Dissertation, 5-6
Discipline, 22
Disqualification, 30
dropouts, 28
Distribution requirements, 31
Distributive Education, 55, 58
Doctoral programs, see major field
Dormitories, 23
Double major, 33
dropping courses, 28
Dual enrollment, 15
Early admission, 14
Early Childhood Education, 53, 56
Economics
business, 47
social science, 82
Education, 52
see also specialized majors
Education, College of, 50
Education Specialist degree, 58
Educational Resources, 39
Electrical & Electronic Systems, 61
Elementary Education, 52, 56
Emotionally disturbed, teaching,
see Exceptional Child Education
INDEX 95

Energy Conversion & Mechanical Design, 61
Engineering, 60
Engineering, College of, 59
Engineering Science, 64
Engineering Technology, 66
English, 44, 46
freshman requirement, 32
secondary education, 54, 56
Entrance requirements, see admission
Equal Educational Opportunities, 12
Evening classes, 15, 36
Examination, credit by, 32
Exceptional Child Education, 53, 56
Exchange programs, 38
External Degree Program, 35

Fees, 18; refund, 19
BIS program, 35
Film Library, 40
Final academic warning, 30
Finance, 48
Financial aid, 20
Financial information, 18
Fine Arts, College of, 67
Florida Center for the Arts, 67
Florida certification for teachers, 51
Florida College exchange program, 38
Florida residency, 18
FOCUS (orientation), 27
Food service, 24; costs, 19
Foreign Languages, 44, 46
secondary education, 54, 57
Foreign students, 14, 41
Foreign study, see exchange programs
Forgiveness policy, 29
Fort Myers Campus, 10; map, 92
Fraternities, 25
Freshman English requirement, 32

General academic regulations, 28
General distribution requirements, 31
Geography, 82
Geology, 76
Gerontology, see Aging Studies
Grade point average (GPA), 29
Grades, 29
Grading system, 29
Graduate assistantships, fellowships, 42
Graduate programs, degrees, 43
see also specific programs
Graduate study, 41
Graduation, application for, 33
Graduation requirements, 32
College of Arts & Letters, 45
College of Business Administration, 47
College of Education, 51
College of Engineering, 61
College of Fine Arts, 68
College of Medicine, 74
College of Natural Sciences, 75
College of Nursing, 78
College of Social & Behavioral Sciences, 80
Graduation with Honors, 34
Graphic services, 39
GRAPHICSTUDIO, 67
Grievance procedure
academic affairs, 30
student affairs, 22
Guidance, 57

Health Service, 22
Hillsborough Community College, cross enrollment, 35
History, 83
History, University, 8
History of Ideas, 46
Honorary societies, 25
Honors, graduation with, 34
Honors Convocation, 30
Housing, 23; costs, 19; off-campus, 24
Human Services courses, 81, 83
Humanities, 44
education, 54, 57

Independent Studies, 35
Independent study, 36
Industrial Systems, 61
Industrial-Technical Education, 55, 58
Instructional Materials Center, 40
Intercollegiate athletics, 26
Interdisciplinary courses:
Fine Arts, 68
Language-Literature, 46
Social Sciences, 83
International Studies, 83
Intramural sports, 26

Journalism, see Mass Communications
Junior College Teaching, 58
K-12 (kindergarten-twelfth grade),
teacher requirements, 53
Law, see Pre-Law
Learning Laboratory, 40
Leisure Studies, 83
Liberal Studies, 44
Library, 38
Library-Audiovisual Education, 57
Limited access student records, 34
Linguistics, 44, 46
Loans, 20

Maine, University of, exchange program, 38
Major, change of, 30; double, 33
Management, 48
Maps, of campuses, 92-93
Marine Biology, 76
Marine Science, 76
Marketing, 48
Mass Communications, 44, 46
secondary education, 54
Mathematics, 76
secondary education, 54, 57
Mathematics, 76
Management, 48
Marine Biology, 76
Marine Science, 76
Marketing, 48
Mass Communications, 44
secondary education, 54
Mathematics, 76
secondary education, 54, 57

Mature student admission, 17;
advising, 27
Mechanical Engineering, 62
Medical Technology, 77
Medicine, 74
Medicine, College of, 74
academic calendar, 5
registration fees, 19
Mentally retarded, teaching, see
Exceptional Child Education
Microbiology, see Biology
Mission, University, 9
Motor vehicles, 20
Music, 72
Music Education, 53, 57
National Student Exchange, 38

Natural Sciences, College of, 75
New Student Relations, 27
Newspaper, courses by, 36
Newspaper, student (The Oracle), 26
Non-degree student, 15
Notice of change, 30
Nursing, 79
Nursing, College of, 78

Oceanography, see Marine Science
Off-campus housing, 24
Off-campus Term Program, 36
Organization, University, 11, 88
Organizations, student, 24
Orientation program, 27
Payment, of accounts due, 20; of fees, 19
Pending status, 30
Personal counseling service, 23
Philosophy, 45, 46
Photographic services, 39
Physical education, elective, 37
Physical Education, 57
Physics, 77
Placement services, 23
Political Science, 83
Practice teaching, 50
Pre-Law, 48, 84
Pre-Medicine, 77
Psychiatric services, 23
Psychology, 84

Publications, student, 26

Radio station WUSF-FM (stereo), 39
Railroad Retirement Annuity, 21
Reading Education, 57
Reading-study skills, 23
Readmission, 15
Records, access to, 34
Recreational sports, 26
Refund of fees, 19
Regents, Board of, 88
Regional campuses, 10; maps, 92-93
Registration, 16; cancellation of, 19, 28
Registration fee, 19

Rehabilitation Counseling, 84
Release of student information, 34
Religious organizations, 25
Religious Studies, 45
Repeating courses, 29
Residence halls, 24; costs, 19
Residence, academic, 33
Residency, Florida, 18

S/U grades, 29
St. Petersburg Campus, 9, 86; map, 93
Sarasota Campus, 9; map, 93
Scholarships, 20
School Psychology, 57
Science Education, 54, 57
Second degree, 33
Second major, 33
Secondary Education, 54
Service clubs, 25
Social & Behavioral Sciences, 70
College of, 80
Social fraternities, 25
Social Sciences, 83
secondary education, 54, 57
Social Security benefits, 21
Sociology, 84
Sororities, 25
Special academic programs, 35
Special Education, see Exceptional Child Education
Special student (non-degree), 15, 42
Speech Communication, 45, 46
secondary education, 54, 57
Speech Pathology, see Communicology
Sponsored research, 39
Sports, intercollegiate, 26:
recreational, 26
Standards and discipline, 22
Structures, Materials & Fluids, 61
Student Affairs, 22
Student
class conduct, 22
Government, 22
health, 22
organizations, 24
publications, 26
records, 34
services, 22
Study abroad programs, see Exchange programs
Study skills, 23
Supervised teaching experience, 50
Systems Complex for Studio and Performing Arts (SYCOM), 68
Teacher certification, 51
Teacher education curricula, 52
Teaching internship, 50
Tevised courses, 35
Television station WUSF-TV, 39
Testing, 16
Textbook Center, 21
Theatre Arts, 72
Transcripts, 28
Transfer students, 14
Transient students, 14
Traveling Scholar Program, 42
Tuition, 19
Tutoring, 23
Two degrees, 33
University Center, 24
University Studies, Division of, 27
Upward Bound Program, 36
Vehicles, on campus, 20
Veterans Administration benefits, 21
Veterans Affairs, 27
Visiting the University, 2
Vocational & Adult Education, 55, 58
Vocational Rehabilitation, 23
Warning, academic, 29
Withdrawal, from class, 28; from the University, 19, 28
Women's Studies Program, 81, 83
WUSF-FM/TV, 39
Your Open University (Y.O.U.), 35

Photos on pages 25, 27, and 53 by students in Mass Communications, other by Division of Educational Resources staff.

This public document was promulgated at an annual cost of $23,759, or $.366 per copy, including preparation, printing, and distribution, to provide comprehensive information on the University of South Florida.

(Section 283.27, Florida Statutes)
To receive additional information or publications, check the appropriate items below and mail this form to:
Director of Admissions, University of South Florida, Tampa, Florida 33620

Specify whether:
- [ ] Freshman
- [ ] Transfer
- [ ] Graduate
- [ ] Former USF Student

Material desired:
- [ ] Application for Admission
- [ ] Financial Aid Information
- [ ] This is USF (general information)

Information desired:
- [ ] Bachelor of Independent Studies Program
- [ ] Continuing Education Courses
- [ ] Cooperative Education Program
- [ ] Credit by Examination (CLEP Tests)
- [ ] Dual Enrollment
- [ ] Early Admission
- [ ] “FOCUS” (summer orientation)
- [ ] Other: ______________________________________________________

Name

Address

City - State - ZIP Code

Phone

Handicapped Students
- [ ] Housing (on campus)
- [ ] Mature Students
- [ ] Minority Students
- [ ] Veterans Benefits
- [ ] “YOU” (TV credit courses)
- [ ] Regional Campuses
- [ ] New College