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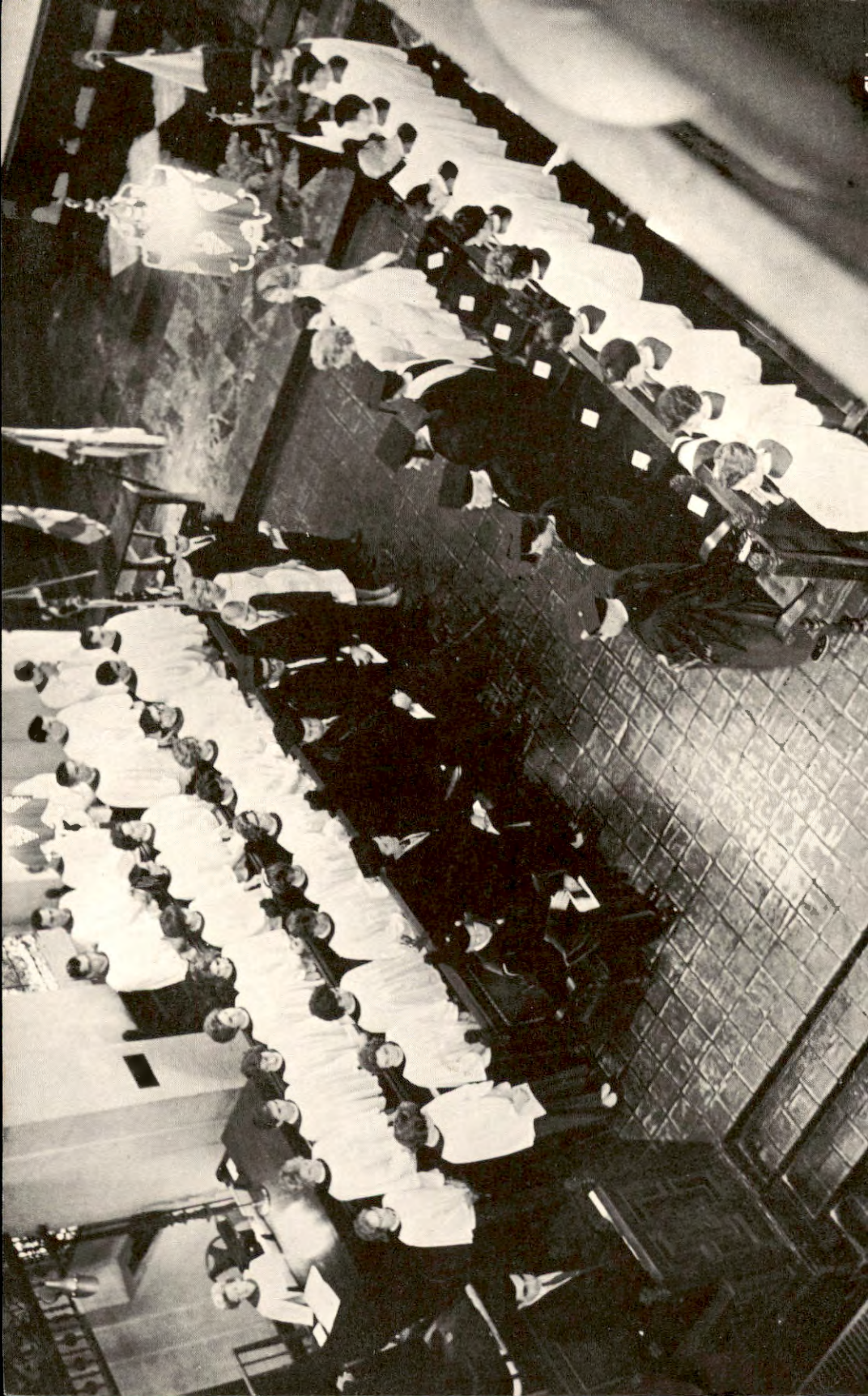
ROLLINS COLLEGE

WINTER PARK - FLORIDA

BULLETIN 1962 - 1963



Rollins College Campus

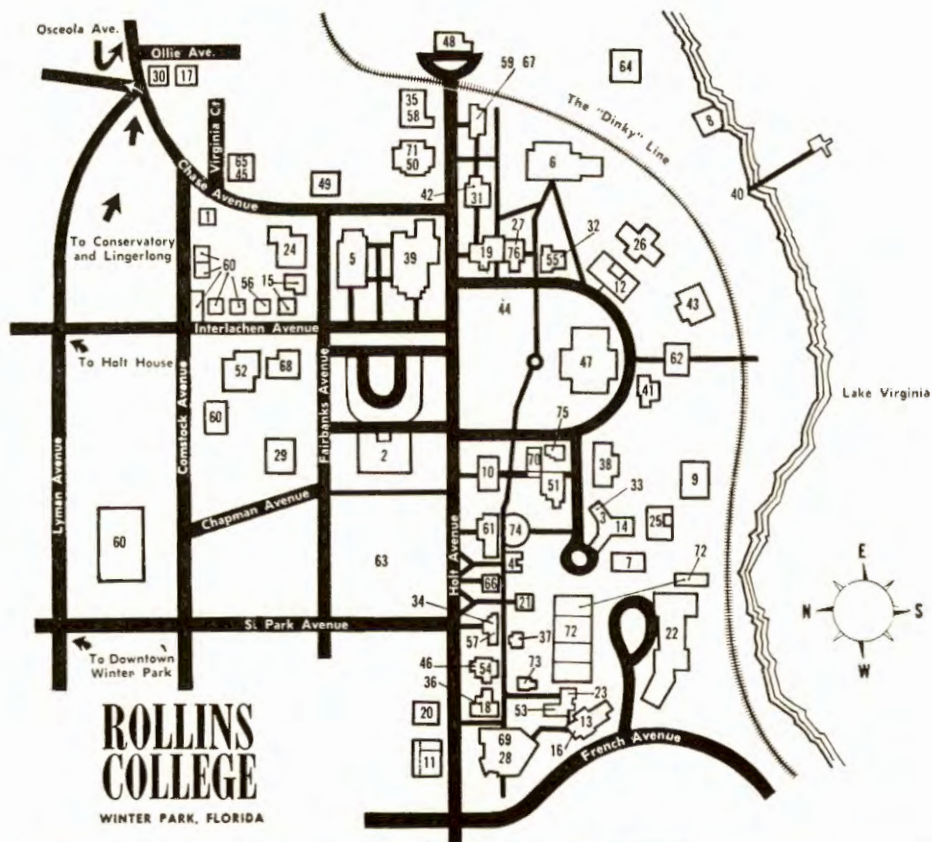


Rollins College Bulletin

Catalog Number 1962-1963



WINTER PARK, FLORIDA



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This catalog supersedes all previous issues.
The College reserves the right at any time to
make whatever changes may be found necessary.

ROLLINS COLLEGE BULLETIN

VOL. LVII

APRIL, 1962

No. 2

Issued Quarterly: Admitted as Second-class Matter at Winter Park,
Florida Post Office, under Act of Congress of July, 1894.

An Introduction To

R O L L I N S

ORIGIN

Rollins was founded in 1885 under the auspices of the Congregational Churches. The oldest Institution of higher education in Florida, Rollins is a four-year undergraduate College of Liberal Arts and Sciences. It is non-denominational, coeducational, and independently supported by income from tuition and contributions of friends and alumni. Permanent funds of the College are in excess of \$4,940,000.

LOCATION AND CAMPUS

The College is located in Winter Park, a residential community situated among the lakes of central Florida, 50 miles from the Atlantic Ocean. Winter Park is adjacent to the city of Orlando.

The 65-acre campus is bounded by Lake Virginia to the east and south, and Winter Park to the west and north. The value of the physical plant is approximately \$12,000,000.

ACCREDITATION

Rollins is accredited by and a member of the Southern Association of Colleges and Secondary Schools. It is also a member of the Association of American Colleges, the American Council on Education, the Florida Association of Colleges and Universities, the National Association of Schools of Music, and the College Entrance Examination Board.

DEGREES, CURRICULUM AND MAJORS

The academic program of the College is centered in the basic liberal arts and sciences. Rollins confers the **Bachelor of Arts, Bachelor of Science, and Bachelor of Music** degrees.

Pre-professional programs leading to Baccalaureate and Graduate degrees are offered in co-operation with other institutions. The curriculum includes appropriate courses for students intending to continue their education in graduate schools in such areas as Business, Engineering, Forestry, Law, Medicine, Foreign Service, and Teaching.

In addition to the above degrees awarded in the regular resident College, Rollins offers the Bachelor of General Studies, the Master of Arts in Teaching, Master of Business Administration, and Masters of Science degrees in the Rollins Institute of Technology and the Rollins Institute for General Studies.

Rollins offers majors in the following: Art, Biology, Business Administration, Chemistry, Economics, Education,

C O L L E G E

English, French, General Science, Geology, German, Government, History, Human Relations, Inter-American Studies, Mathematics, Music, Philosophy, Physics, Pre-engineering, Pre-forestry, Pre-medicine, Psychology, Sociology and Anthropology, Spanish, and Theatre Arts.

Courses are offered in Music, Painting, Sculpture, and Drama. A music conservatory, an art gallery, and two theatres afford opportunities for both theoretical and applied study.

In the first two years, each student's schedule includes courses in English Composition, the Humanities, the Natural Sciences, the Social Studies, a Foreign Language, and Physical Education.

ENROLLMENT

The student body numbers 800. The ratio of students to faculty is ten to one. The average number of students in a class is 17.

Rollins is international in scope. Forty-four states, the District of Columbia, and fourteen foreign countries are represented in its student body.

ADMISSION

Students are selected on a basis of preparation, character, and potential qualities of leadership. Scholarship help and work-aid are available for students of proven ability. All applicants must take the College Entrance Examination Board examinations.

ACTIVITIES

There are more than 30 honorary, social, religious, athletic, dramatic, musical, literary, linguistic, and scientific organizations on campus. Included are fraternity and sorority chapters of national Greek letter societies.

Independent Men and Independent Women welcome all students who are not members of a fraternity or a sorority. They enjoy the same privileges and standing as others.

Rollins has excellent instruction in sports, but does not offer a major in physical education. Intercollegiate varsity teams compete in baseball, basketball, crew, golf, soccer, and tennis. Intramural sports include archery, basketball, canoeing, crew, flag football, golf, softball, swimming, tennis, and volleyball.

1962

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The Rollins Calendar

1962-1963

FALL TERM

September 24, **Monday**, 4:00 P.M.First Meeting of the Faculty
September 24,

MondayNew Students Report to Campus by 5:00 P.M.
September 28, **Friday**Registration of Former Students
October 1, **Monday**, 8:30 A.M.Fall Term Classes Begin
November 3, **Saturday**Mid-term
November 21, **Wednesday**, 1:45 P.M. ..Thanksgiving Holiday Begins
November 26, **Monday**, 8:30 A.M.Classes Resume
December 14, **Friday**, 1:45 P.M.Fall Term Ends

WINTER TERM

January 3, **Thursday**, 8:30 A.M.Winter Term Begins
February 6, **Wednesday**Mid-term
March 15, **Friday**, 1:45 P.M.Winter Term Ends

SPRING TERM

March 25, **Monday**, 8:30 A.M.Spring Term Begins
April 25, **Thursday**Mid-term
June 6, **Thursday**, 1:45 P.M.Spring Term Ends
June 7, **Friday**, 10:00 A.M.Commencement

1963-1964

FALL TERM

September 23, **Monday**, 4:00 P.M.First Meeting of the Faculty
September 23,

MondayNew Students Report to Campus by 5:00 P.M.
September 27, **Friday**Registration of Former Students
September 30, **Monday**, 8:30 A.M.Fall Term Classes Begin
November 6, **Wednesday**Mid-term
November 27, **Wednesday**, 1:45 P.M. ..Thanksgiving Holiday Begins
December 2, **Monday**, 8:30 A.M.Classes Resume
December 17, **Tuesday**, 1:45 P.M.Fall Term Ends

WINTER TERM

January 6, **Monday**, 8:30 A.M.Winter Term Begins
February 8, **Saturday**Mid-term
March 13, **Friday**, 1:45 P.M.Winter Term Ends

SPRING TERM

March 23, **Monday**, 8:30 A.M.Spring Term Begins
April 29, **Wednesday**Mid-term
June 4, **Thursday**, 1:45 P.M.Spring Term Ends
June 5, **Friday**, 10:00 A.M.Commencement

Each class period at Rollins College is 60 minutes long.

Directions for Correspondence

THE ROLLINS COLLEGE BULLETIN, which is issued quarterly throughout the year, gives information about various phases of College life. One number of the **Bulletin** each year is the College Catalog.

The College is glad to send copies of the catalog and other numbers of the **Bulletin** to those who are interested in seeing them.

Correspondence relating to the various aspects of the College should be addressed as follows:

Admission of New Students	Dean of Admissions
Readmission of Former Students	Dean of the College
Educational Program	Dean of the College
General Information	Secretary to the Administration
Entrance and Transfer Credits	Registrar
Men Students—	
Personal Welfare and Housing	Dean of Men
Women Students—	
Personal Welfare and Housing	Dean of Women
Finances	Treasurer of the College
Student Finances	Cashier
Alumni	Executive Director, Rollins Alumni, Inc.

Visitors to the College are welcome at all times. The Admissions Office provides regular tours of the campus. The College offices are closed from 5:00 P.M., Friday until 8:30 A.M. Monday and members of the Administration and Faculty may be seen during this time only by special appointment made in advance.

The Rollins Program

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The Rollins Program

THE PURPOSE OF THE COLLEGE

"THE NAME OF THE CORPORATION shall be Rollins College . . . Its object, which shall never be changed, shall be the Christian education of youth . . ." So wrote the founder of Rollins in 1885 in starting the first institution of higher education in Florida. It was, indeed, the pioneer of independent coeducational colleges in the lower Southeast. What the founders affirmed the Trustees have constantly reaffirmed, that Rollins shall remain a small independent Christian College devoted to the highest type of undergraduate liberal education.

Under the wise leadership of its presidents, Rollins maintained its integrity and advanced its ideals. Edward Payson Hooker (1885-1892), the founding president, established high standards of quality. George Morgan Ward (1896-1903) initiated the close relationship between teacher and student that has become one of the great traditions of the College. William Fremont Blackman (1903-1915) stood for scholarship of top order, maintaining that it "should not be size, but quality, highest standards of scholarship, thoroughness of work, fineness of result" that should distinguish Rollins among its contemporaries.

THE ROLLINS CONFERENCE PLAN

Under the leadership of the fourth of these great presidents, the late Hamilton Holt (1925-1949), there was developed in the 1930's a pioneering program of higher education which attracted nation-wide attention among educators. It was known as the Rollins Conference Plan. This plan was guided by three principles that make up both an educational philosophy and the program frequently referred to as "The Rollins Plan."

1. All effective education is in large measure self-education. This implies that the teacher-student relationship must be direct and personal, that the progress of the student is accomplished by what he is led to do and not by what is done for him, and that the elements of a liberal education

Rollins College

may vary with the individual student's interests and needs.

2. College teaching is most effective in a conference situation in which teachers and students evoke oral and written expression from each other, and, by their criticisms, lead the student to develop standards of judgment of his own work.

3. The College should keep in touch with the creative forces at work in the national life: economic, political, and aesthetic. This is achieved by a wide range of public lectures, concerts, and conferences, bringing national leaders in many fields to the campus.

Rollins has developed a distinctive character through its effective conference method of teaching, consisting of small classes of roundtable discussion combined with frequent individual conferences between professor and student.

Under conditions where direct discussion provides the basis for both teaching and learning, the conventional recitation and lecture are de-emphasized. The conference method employs quite simply, group and individual discussion in an atmosphere that supports and fosters the asking of questions and the giving of answers.

The present program continues to put emphasis on self and self-education. It is what the student does, not what is done to or for him, that counts in the long run. While formal lectures alone cannot provide for active participation, they may play an important part in laying the basis for more intelligent participation later, if skillfully done. Rollins promotes the widest experimentation in teaching methods, for no one scheme is equally good in the hands of all teachers and all students.

Specific requirements for graduation are held to a minimum so that the student may explore the areas of his interest deeply or search broadly to find an interest. Depth is obtained through the major field selected for concentrated work in the two upper years. Breadth is achieved through two requirements: (1) at least a year of work must be taken in each of the three selective groups listed on page 41, the Humanities, Social Sciences, and the Natural Sciences, in the first two years, and (2) at least five advanced courses must be taken outside the major field. Other specific requirements include one year of English Composition and Literature in the Freshman year, the equivalent of two years of college Foreign Language, and the successful com-

Rollins College

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pletion of two years of Physical Education unless excused by doctor's order.

Qualitatively, the student must maintain a minimum average of C to remain eligible for graduation. Quantitatively, he must maintain an average of 16 credits per term (a minimum of 15 credits—3 courses) to graduate in four years with the required minimum of 192 academic credits.

A large measure of freedom in learning is not only allowed but expected among Rollins students. To make this degree of freedom possible, an equivalent sense of responsibility is demanded. High standards by the teacher and high quality of performance on the part of the student are essential. By selectivity in admission of students and by insistence on high-level performance, the College has been able to succeed in an educational plan that allows such a wide range of individual freedom.

ORIENTATION AND GUIDANCE

All entering students assemble at the College about a week in advance of the returning students. Each new student is assigned to a small group headed by an upperclassman and a faculty member. In addition to learning about one another, the history and objectives of the College, and the physical plan of the campus, each student takes a placement test in English and four tests prepared by the Educational Testing Service of Princeton, New Jersey. These tests are designed to help the student and his faculty adviser develop an appropriate course of study. The results of the achievement tests in modern foreign languages, administered through the College Entrance Examination Board, are used as a basis for placement in modern language courses. Students who have taken one of these tests in their senior year of secondary school will not be required to take the examination upon arrival at Rollins.

Each freshman student is assigned to a faculty member of the Academic Advisers Committee. This faculty group meets regularly throughout the academic year to discuss individual student's programs and progress, and to share experiences, reflective thought, and conclusions that can shape policy that is consistent and uniform yet considerate of individual needs and differences.

The over-all purpose of the Academic Advisers Committee is to integrate the social and intellectual guidance of students, and to center the College educational program on

Rollins College

the student and his individual development in a social milieu.

Each adviser makes himself available for frequent conferences with his student advisees, and attempts to lead each student toward greater acceptance of responsibility in reaching reasoned decisions that could affect his life at Rollins and after he leaves the College.

Shortly before the end of his sophomore year at Rollins, the student chooses a major, or field of concentration. Having chosen a major, the student may ask a professor in the major department to serve as his adviser. If acceptable to the professor concerned, the student should then see his previous adviser and the Registrar, and give them the name of his new adviser. Beginning with his junior year, the student will then be under the guidance of his new major adviser.

STUDENT SERVICES

Developmental Reading Program. The College maintains a reading laboratory and conducts a development reading program. The program is designed to help students develop reading skills necessary for college work. The program emphasizes optimum skill for all students and is not primarily a remedial program. Work taken at the laboratory is voluntary and on an individual basis. The laboratory is equipped with devices and materials for use in improving comprehension, speed, vocabulary, and techniques necessary for the various content fields in the College program.

Vocational and Educational Advisement. Counseling of students in the areas of vocational and educational advisement is available at the Student Services Center in the Psychology Building. This counseling includes aptitudes and interest testing and consultations with regard to results and plans.

Counseling is available to students who feel a need for assistance in the areas of personal problems or problems in connection with adjustment to College.

THE GRADUATE RECORD EXAMINATION

All seniors are urged to take the Graduate Record Examination (Aptitude). Most graduate schools either require or request candidates to take this examination. It is given each year at Rollins, which serves as a Center for this purpose, and is so designated by the Educational Testing Service of Princeton, New Jersey.

THE CENTER FOR PRACTICAL POLITICS

Activities of the Center for Practical Politics are financed, in a large part, by a grant from the Maurice and Laura Falk Foundation; the purpose of the Center is to encourage student participation in political matters, through political parties, as a condition of responsible citizenship. The work is carried on by classroom seminars, personal projects, and internships.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

Announcements of graduate scholarships and fellowships for advanced study are available in each major department. Information on the Fulbright Fellowship is available from Dr. Wendell C. Stone. Dean Schiller Scroggs is the Rollins Representative for the Woodrow Wilson Fellowship. For information on the Danforth and Rhodes Scholarships the student should get in touch with the Office of the Dean of Men.

STUDY ABROAD

Rollins encourages students to spend their junior year studying in European countries as part of their educational experience. A number of overseas study programs are available. Interested students should consult with the Dean of the College.

HONORS AND PRIZES

The Academy of American Poets Poetry Prize of \$100 may be awarded annually for the best poem or group of poems submitted during the year by a Rollins undergraduate. The award, which is administered by the English Department, is made possible by a bequest from the late Mrs. Mary Cummings Eudy, a former member of The Academy of American Poets, who established similar bequests to nine other universities and colleges.

The Thomas R. Baker Memorial Prize is awarded annually to the junior student at Rollins who has maintained the highest scholarship record in the study of Chemistry.

The Ralph Lyman Baldwin Award of \$50 and a medallion are given annually to the graduating major in Organ or Composition who is deemed by the Music Faculty as most worthy of the honor.

The Campus Sing, sponsored by the Independents, was

Rollins College

organized to stimulate group singing on the campus. Prizes are awarded to the fraternity and the sorority that win in the competition held in the spring .

The Chi Omega Social Science Award of \$25 is presented by the Upsilon Beta Chapter to the woman in the graduating class with the highest scholarship record in the fields of History, Sociology, Psychology, or Political Science.

The J. Gordon Clerk Trophy was donated in 1945 by Mrs. J. Gordon Clerk in memory of her husband who was killed in action in World War II. A cup is awarded to the men's group with the greatest number of points in athletics at the end of the sports year. Points are given for varsity athletes and for intramural competition. Permanent possession is granted to any group winning the trophy for three consecutive years.

The Nina O. Dean Libra Group Leadership Award is presented annually by the Order of the Libra, women's honorary group, to the women's social group that is outstanding in campus leadership as it exemplifies Libra's ideal of the balanced life.

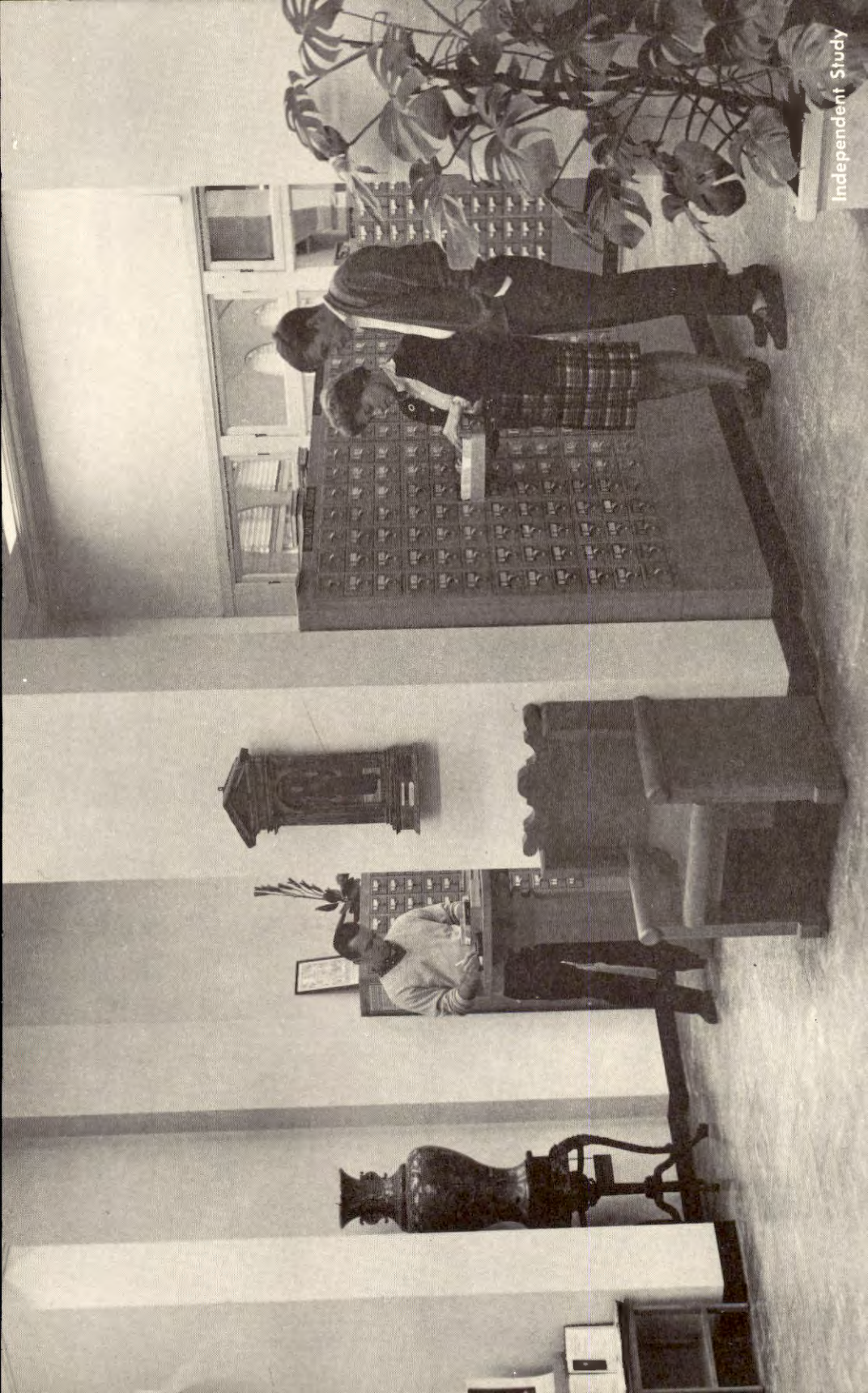
The Lecomte du Nouy Essay Prize is awarded annually to the Rollins student who submits the best essay on a subject covered by the works of the late Lecomte du Nouy. The prize consists of income from a \$3,000 fund established for this purpose.

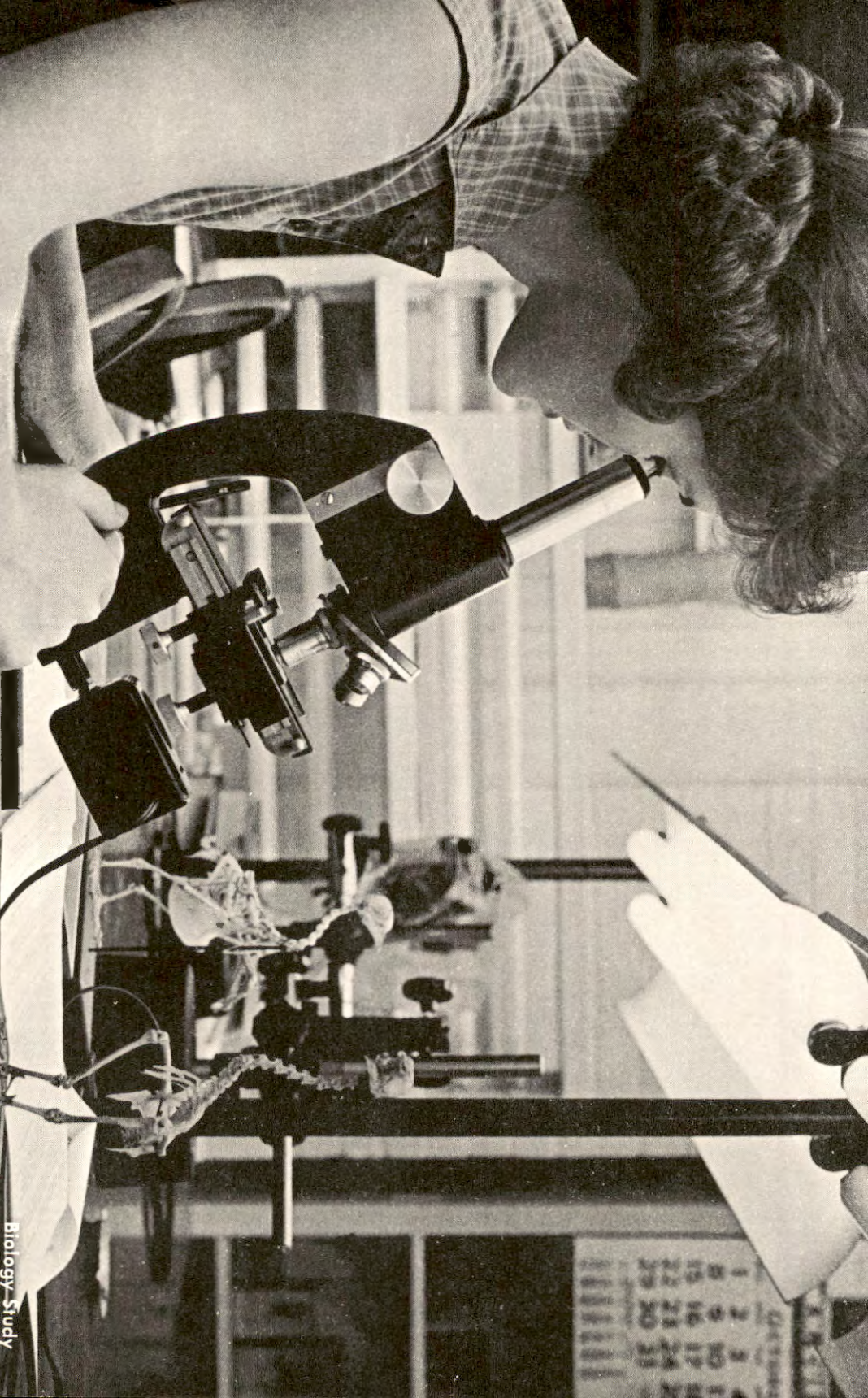
The Howard Fox Literary Prize is furnished from the income of a \$5,000 fund given by the late Howard Fox of New York City in honor of his lifelong friend and former Rollins College president, Hamilton Holt. This prize is offered for the best piece of literature produced by a student at Rollins College, considered on the basis of originality, human interest, and craftsmanship.

The Gamma Phi Beta Sorority Economics Prize of \$10 is offered to the senior woman who has earned the highest scholarship record in Economics or Business Administration. The object of this prize, which is awarded at commencement time, is to create interest in these fields among women students.

The Edwin B. Garrigues Foundation Scholarship. Funds have been made available by the Garrigues Foundation for scholarship awards to students majoring in the study and practice of Applied Music. Awards may be made annually to qualified students.

The Barbara S. Goldner Scholarship Awards are awarded









Student Production "Look Homeward, Angel"

Rollins Program

annually on the basis of the best over-all academic average of the pledge classes for the term in which they were pledged. Separate awards are presented to the best men's and women's pledge class. These awards were created by the class of 1962, in memory of the late Barbara S. Goldner.

The George Chandler Holt Scholarship Trophy was established in 1958. It is awarded annually at an all-College convocation to the fraternity that maintained the highest academic average during the preceding school year.

The Intramural Trophy is awarded annually to the men's group with the greatest number of points in intramural competition only. This trophy becomes the permanent possession of any group winning it for three consecutive years.

Women's Intramural Trophies are awarded annually. Permanent possession is granted to any group who wins a trophy for three consecutive years.

Archery—presented by Pi Beta Phi.

Basketball—presented by Alpha Phi.

Golf—presented by Kappa Alpha Theta.

Softball—presented by all social groups.

Swimming—presented by Chi Omega.

Tennis—presented by Kappa Kappa Gamma.

Volleyball—presented by Gamma Phi Beta.

The Kappa Kappa Gamma Scholarship Trophy was established in 1959. It is awarded annually at an all-College convocation to the sorority that maintained the highest academic average during the preceding school year.

The O'Brien Intramural Trophy, donated by Mr. Neill O'Brien of Winter Park in 1946, is awarded to the women's group that has the greatest number of points at the completion of the intramural sports season. Permanent possession is granted to any group winning the trophy for three consecutive years.

The ODK Leadership Trophy is awarded by the Alpha Iota Circle of Omicron Delta Kappa, honorary fraternity, to the men's group that has the best composite record of achievement and leadership in scholarship, student government, social and religious affairs, athletics, publications, speech, music, drama, and other arts.

The Phi Beta Awards, one in Theatre Arts and one in Music, are offered to the women members of the graduating class who have shown the greatest accomplishments in these fields.

The Central Florida Association of Phi Beta Kappa

Rollins College

Award is presented annually to the outstanding junior student who has exhibited intellectual ability in the acquisition of a liberal education.

The Phi Mu Athletic Award is presented annually by the Phi Mu Fraternity to the outstanding senior woman athlete.

The Pi Beta Phi Dramatics Prize of \$20 is given by the Pi Beta Phi Fraternity for the greatest improvement made by a student in Theatre Arts.

The Pi Gamma Mu Honor Medal, established in 1956 by Florida Delta Chapter of Pi Gamma Mu, may be awarded annually to an outstanding senior in the Social Science field.

The Colonel Richard C. Plumer Memorial Award is given annually to a student of business law who is outstanding in the qualities represented by Richard C. Plumer: scholarship, integrity of mind, humbleness of soul, and rendered service to his fellow men in a spirit of kindness and dignity. The award is the income from a fund created by the Class of 1954 in memory of Colonel Plumer.

The Charles Hyde Pratt Creative Writing Award of \$50 is available for annual presentation to a Rollins student who is outstanding in creative writing.

The General Reeve Awards for Scholarship, established in 1945 by the late General Charles McCormick Reeve in recognition of high scholastic standing, are awarded at graduation each year to the five seniors who have maintained the highest scholastic record during their last three years in Rollins.

The General Reeve Contest offers six prizes of \$75 each to Rollins men students who compose each year the best original essays. The contest is made possible through the generosity of the late General Charles McCormick Reeve of Minneapolis and Winter Park. The subjects for these essays are chosen by a committee of the faculty. The six winning essays are delivered by their authors at a public meeting of the members of the College. The author who, in the opinion of specially selected judges, has most effectively composed and delivered his material will be given the Hamilton Holt Award of \$50.

The Rollins Decoration of Honor was established by the Board of Trustees on February 22, 1935, and the first award was made to Dr. Hamilton Holt, president of Rollins. The decoration is awarded to Alumni, Trustees, members of the Faculty or Administrative Staff, or friends of the College

in recognition of distinguished contribution to the progress of Rollins.

The Sigma Xi Award. The Sigma Xi Club of Rollins College authorizes the Science Faculty to select each year an outstanding senior Science student for the Sigma Xi Award. This award is used in the pursuit of postgraduate or professional school studies.

An additional award is presented each year to the junior Science major who, in the opinion of the Science Faculty, is most deserving of recognition.

Social Organizations' Scholarship Trophies were established through the generosity of the late Hamilton Holt during his presidency of the College. They are awarded annually under the auspices of the Panhellenic Association and the Interfraternity Council to the men's and women's social organizations that have the highest scholastic group standing.

The Fred Stone Award. The Fred Stone award is for excellence in work done in the Fred Stone Theatre, in acting, directing, or designing. The recipient's name is engraved on a trophy which remains permanently in the Theatre Arts Department. This trophy was presented many years ago to Mr. Fred Stone by his admirers in the professional theatre. After his death it was given to the Fred Stone Theatre. The first award of this trophy was made in the academic year 1959.

The Algernon Sydney Sullivan Award. In 1925 the New York Southern Society established the Algernon Sydney Sullivan Award. This award, in the form of a bronze medalion, is intended to perpetuate the memory of its esteemed founder. It is designed to recognize and encourage in others those same principles of love for and service to men that were his dominant characteristics.

Rollins College has the honor of being one of the limited number of institutions chosen to bestow this award. It may be given each year to not more than one man and one woman of the graduating class, and to one other person who is not a student at the College.

The recipients of the award are chosen by the faculty of the College. In the selection of the recipients, "nothing shall be considered except the possession of such characteristics of heart, mind and conduct as evince a spirit of love for and helpfulness toward other men and women!

The first award of the Algernon Sydney Sullivan Medal-

Rollins College

lion by Rollins College was made in 1927 to Irving Bacheller, the distinguished novelist.

The Theta Alpha Phi Award is a prize given by the Rollins chapter of this national honorary dramatic fraternity to the first-year man and woman doing outstanding work as actors or technicians in the Theatre Arts Department.

The Tiedtke Award is a gold medal given by Mr. John Tiedtke to a student who has shown outstanding achievement and progress in the Fine Arts.

The Willard Wattles English Award is an expensive book presented by the Rollins Key Society to the junior English major with the highest over-all academic average.

The Zeta Alpha Epsilon Book Prize is awarded at the final honors day program of the academic year to the senior student member of the society having the highest record of achievement in science.

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Admission and Expenses

ADMISSION OF STUDENTS

The number of new students accepted by Rollins in any one year is limited. The College strives to select only those whose qualities of character, personality, intellectual ability, and interest in higher education indicate that they can pursue a college course with profit. It is assumed that a student who is mature enough to be admitted to college is mature enough to be held responsible for adequate adjustment to college life.

ENTRANCE REQUIREMENTS ADMISSION FROM SECONDARY SCHOOLS

Graduates of secondary schools, if recommended, are eligible for consideration upon receipt of the three-and-one-half-year record and the results of the Scholastic Aptitude Test of the College Entrance Examination Board. All applicants for admission are required to take this test during the senior year of secondary school. Registration forms may be obtained by writing to the College Entrance Examination Board, Box 592, Princeton, New Jersey.

In addition, not as a requirement for admission but to be used for placement purposes, accepted applicants must present the results of the College Board Achievement Tests in English Composition, a Foreign Language (either modern or classical) and one other of the candidate's choice. The College Board Writing Sample is not required but should be submitted if taken.

There are certain areas of study which should receive the same special emphasis in preparatory school years as they will in college. Ideally, the candidate for admission to Rollins should present four years of English, at least three years of Mathematics, three years of one Foreign Language (or two years of each of two Foreign Language), and credits completed in History and Science. A credit represents a year's study of a subject in a secondary school under the condition specified by the regional accrediting association. Although consideration will be given to candidates who offer courses outside these five main areas, Rollins judges

Rollins College

the school records of its candidates chiefly by performance in these traditionally college preparatory subjects.

ADMISSION WITH ADVANCED STANDING

Entering freshmen who pass advanced placement tests given in May by the College Entrance Examination Board will, with the approval of the Academic Standing Committee and the department concerned, be eligible for admission to advanced courses in the department. Students may use these tests to meet, in advance, certain distribution requirements for graduation. The tests may not be used to reduce the number of credit hours required for the Rollins degree. Information about these tests may be obtained from the College Entrance Examination Board.

ADMISSION FROM OTHER COLLEGES

Rollins accepts a limited number of students who wish to transfer from other colleges. Such students must meet all the requirements established for graduation from Rollins. It is of particular importance to note that Rollins requires two years of work in a Foreign Language as well as one year of work in a Laboratory Science, a Social Science, and in the Humanities to qualify for graduation. No transfer credit is given for work completed with a grade of D or for work which is not typically offered in a liberal arts college. No credit will be granted for courses taken by correspondence, and not more than 30 credits will be allowed for extension courses.

To receive information regarding the evaluation of transfer credits, a student must first apply for admission and pay the application fee. He must be in good academic standing and eligible to return to the institution from which he proposes to transfer.

ADMISSION OF VETERANS

Veterans may offer their General Education Development Test scores as a part of their admission requirements in addition to, but not as a substitute for, the required Scholastic Aptitude Test of the College Entrance Examination Board.

Evaluation of service credits (viz. USAFI) will be made upon receipt of an official record. Only those courses com-

pleted in an accredited institution or an approved Armed Forces establishment are transferable.

Rollins is recognized by the Veterans Administration for training under Title 38, United States Code, which includes laws formerly referred to as Public Laws 16, 894, 634, and 550.

APPLICATION PROCEDURE

The following steps should be taken when applying for admission to Rollins College:

1. Request an **Application for Admission** and return this form with the application fee of \$10 which is paid only once and is not refundable. Two small photographs are also required.
2. Upon receipt of the **Application for Admission**, the Admissions Office will send to the candidate:
 - a. The Secondary School Record form, which the candidate is asked to hand to the head of his school. It is requested that the school submit this form directly to Rollins College as soon as the midyear grades for the senior year are available.
 - b. Four Personal Recommendation forms, which the candidate is asked to give to the guidance counselor and teachers listed on his application.
 - c. Information regarding the College Entrance Examination Board requirement.
 - d. The Parent Questionnaire, which the candidate is asked to hand to his parent or guardian for completing and mailing to the College.

After an applicant has complied with the above steps his name will be placed before the Admissions Committee and he will be notified regarding his status. Upon notice of acceptance, boarding students pay a reservation fee of \$250 and day students pay \$100. Since Rollins adheres to the **Candidates Reply Date** as established by the College Entrance Examination Board, the reservation fee must be paid by that date and is not refundable. **The Candidates Reply Date for 1963 is May 1st.** Applicants accepted after this date will be asked to pay the reservation fee immediately upon acceptance. **Payment of the boarding student reservation fee automatically reserves dormitory space for the accepted candidate.**

Accepted applicants are asked to read carefully pages 35

Rollins College

through 44 of this Bulletin, and are required to comply with regulations regarding health as outlined on pages 137, 138, and 139.

An accepted student who requests that his application be transferred to a later term must be reconsidered by the Admission Committee. Applicants are urged to inform the College promptly of any change of address, transfer from one school to another, or withdrawal of application.

STUDENT EXPENSES

Fees for 1962-63 will be as follows:

(Fees are subject to change at any time by action of the Board of Trustees.)

Application Processing Fee

(Payable with submission of Application for Admission)\$ 10

Student Association Fee

(Levied by Student Association) 40

Contingent Deposit

(Refundable upon graduation) 25

Linen Fee for Freshman Boarding Students 10

The linen fee includes the issuance of two sheets, one pillow case, three bath towels and one face cloth per week. All entering boarding students are required to use this service. It is optional with returning boarding students.

Boarding Students

General Fee 2,235

The general fee includes items usually differentiated as tuition, board, room; certain special fees such as laboratory fees and instruction in music; limited medical service for minor illnesses; and the use of all College facilities.

Day Students

General Fee 1,135

SCHEDULE OF PAYMENT OF FEES

Incoming Boarding Students

Payable upon acceptance (non-refundable after May 1st) 250
Balance payable September 15th

Admission and Expenses

Returning Boarding Students

Payable April 15th (non-refundable)	250
Balance payable September 15th	

Incoming Day Students

Payable upon acceptance (non-refundable after May 1st)	100
Balance payable September 15th	

Returning Day Students

Payable April 15th (non-refundable)	100
Balance payable September 15th	

All students must meet or arrange for the April 15th installment promptly to assure the reservation of a place in the College.

All financial obligations must be fulfilled before the student attends classes.

SPECIAL CHARGES

Over-Registration. Any student who registers in an academic year for more than an average of eighteen term-hours per term, exclusive of Physical Education, Choir, and the Rollins Singers, is charged \$4 for each term-hour over fifty-four hours for the academic year.

Late Registration. A fee of \$5 is charged for late registration.

Water-Skiing. A fee of \$35 per term is charged for students who elect to take this physical education activity.

A fee of \$10 per academic year is charged to all entering boarding students for linen rental service. This includes the issuance of two sheets, one pillow case, three bath towels and one face cloth per week. All entering boarding students are required to use the above service. The use of this service is optional with returning boarding students.

REGULATIONS REGARDING REFUND OF FEES

As the College predicates its expenses and bases its budget upon the full collection of the general fee from all accepted students, adjustments are made only under the following regulations:

1. A student who is obliged to leave College during the academic year because of serious accident or major medical or surgical illness necessitating two or more weeks' hospitalization may be eligible for a refund; such unavoidable departure must be recommended by the College physician. In this particular situation, the College desires to share the

Rollins College

monetary loss with the parents of the student by canceling 75% of any unearned portion of the general fee and refunding such portion as has been prepaid.

2. If any student enrolled at Rollins receives a mandatory call from the Federal Government to enter the military service on an active duty status, the general fee for the year will be pro-rated as of the date the student is required to leave College to report for duty.

3. If a new student fails to enter College after acceptance has been granted, or if any student who has been in previous attendance fails to return, or if any student leaves College for any reason other than those stated in No. 1 and No. 2 above, or is suspended or dismissed, no refund will be made.

Failure to pay the stipulated installments of the applicable general fee promptly upon the dates specified forfeits all previous payments and deposits as well as the right to a place in the College; and the College reserves the right to select another student immediately to fill the vacancy thereby created.

4. A student will be considered in attendance at the College until formal notice of withdrawal has been filed in the Office of the Dean by the parent or guardian.

MEDICAL EXPENSES REIMBURSEMENT INSURANCE

An agreement has been entered into with an insurance company that makes health and accident insurance available on a group basis for students at Rollins College. Full details and application blanks are available in the Cashier's Office. This insurance is not compulsory, and students may elect to waive the premium if the insurance is not wanted.

INSURANCE OF PERSONAL BELONGINGS

The College does not carry insurance on students' personal belongings and is not responsible for loss or damage from any cause. Students should arrange for adequate coverage on existing policies or make arrangements for insurance locally upon arrival.

SCHOLARSHIPS

Scholarships are awarded competitively to those men and women who give evidence of academic attainment and

Admission and Expenses

future promise. Transfer applicants are usually not eligible for such awards. The stipend accompanying such awards is based on financial need. For entering freshmen, information on financial need must be submitted by parents or guardian on **The Parents' Confidential Statement** supplied by the College Scholarship Service, Box 176, Princeton, New Jersey. This form can be obtained from most secondary school offices, or from the Admissions Office of Rollins College.

Scholarships are renewable providing the student maintains the necessary academic record and exhibits the qualities of character and leadership expected, and providing the need continues as determined on the basis of information shown in **The Parents' Confidential Statement**, which must be filed each year. Several types of scholarships are offered.

HONOR SCHOLARSHIPS

The College annually awards a limited number of Honor Scholarships to outstanding students with superior academic records. These awards are made in amounts varying from \$200 to \$2,235 each, depending upon financial need.

At least one of these scholarships is designated as a "Florida Honor Scholarship" and is awarded to a student who has attended a Florida secondary school for not less than three years, including the senior year, and whose parents are legal residents of the state of Florida.

ACHIEVEMENT SCHOLARSHIPS

Rollins College awards a limited number of Achievement Scholarships each year. These are given to students who have a strong academic record or who indicate talent in a special field such as Music, Drama, etc., who cannot pay the full fee at Rollins College. The stipend accompanying these scholarships varies according to ability and need. This award is divided between work opportunity and direct credit to the account of the student.

In appreciation of the loyal support that the residents of central Florida have given Rollins College, a limited number of Achievement Scholarships are awarded, designated as "Achievement Scholarships for Day Students." The stipend accompanying these scholarships varies according to ability and financial need. The conditions of award are the same as explained in the preceding paragraph.

Rollins College

ENDOWED SCHOLARSHIPS

Endowed Scholarships have been provided as follows:

Carolyn Hulbert Bassett Scholarship Fund. Income from this fund is available for scholarship aid to needy students. This scholarship was established through the generosity of the late Carolyn Hulbert Bassett.

Anna G. Burt Scholarship. This scholarship is available to Florida girls and amounts to approximately \$400 annually.

Jessie Ball duPont Scholarship Fund. The fund for this scholarship was created by donations of Mrs. Alfred I. DuPont.

Mrs. Davis E. Fishback, Sr.—Mrs. John T. Galey Scholarship Fund. The income from this fund is to be awarded to an outstanding and needy student in Fine Arts. This scholarship was established in 1958.

Alfred J. Hanna Scholarship Fund. This fund was created by an anonymous donor in 1960.

Eldridge and Marion H. Hart Memorial Fund. Created by the late Marion H. Hart, in 1961, the income from this fund may be used to provide scholarships or loans to Latin-American students at Rollins College.

Hamilton Holt Scholarships. To be awarded to outstanding students. Amounts: up to \$1,000 annually. These scholarships have been established by donations in honor of Hamilton Holt, former president of Rollins College.

Arthur Knowles Hutchins Scholarship Fund. Established by James O. Hardee in 1957, the recipients are selected from among scholarship students who are candidates for the Bachelor of Music degree.

Blanche Mallett Scholarship Fund. The income from this fund is to be awarded as a scholarship to a woman student who is studying business and economics. This scholarship was established in 1956 by Mrs. Branche W. Mallett.

Edward S. Meyer Scholarship. Available for an outstanding student, preferably one majoring in Modern Languages. Amount: approximately \$300 annually. This scholarship was established in 1941 through the generosity of the late Professor Edward Stockton Meyer.

Henry Buckingham Mowbray Scholarship Fund. The income from this fund is to be used to aid needy students. The fund, established in 1960, was the bequest of Henry B. Mowbray, an early graduate of Rollins College.

Charles A. and Jessie W. Noone Scholarship Fund. This

Admission and Expenses

fund was created in 1961 by a bequest of the late Charles Ashton Noone, Rollins alumnus. The income of approximately \$1,000 a year is available for a period not to exceed four years for any one person.

Caroline G. Plant Scholarship Fund. To be awarded to outstanding students either in the form of scholarships or loans. Amount: \$1,150 annually. This fund was established in 1949 through the generosity of the late Caroline G. Plant.

Alice H. Southworth Fund. The income from this fund is to be awarded to worthy students. This scholarship was established in 1957.

OTHER ENDOWED SCHOLARSHIPS

The following endowed scholarships to be awarded to upperclass students in honor of donors to the endowment fund to the College:

- The Angier Scholarship
- The Burleigh Scholarship
- The Chase Scholarship
- The Duval Scholarship
- The Hall Scholarship
- The Mark Scholarship
- The Palmer Scholarship
- The Pearsons Scholarship
- The Scott Scholarship
- The Worthington Scholarship
- The Wyeth Scholarship

The amount of each scholarship is \$50 annually.

OTHER SPECIAL SCHOLARSHIPS

The Presser Music Scholarship. Funds have been made available by the Presser Foundation for scholarship awards to outstanding students who are majoring in Music. These are primarily for students who are preparing to become teachers of music.

The Rollins Student Association Scholarship. In order to make it possible for an outstanding graduate from a local high school to attend Rollins College, the Student Association of the College is offering a \$500 scholarship for the academic year 1962-63 to a qualified high school senior.

DEFERRED PAYMENTS

The College predicates its budget on the assumption that

Rollins College

all fees and expenses will be paid promptly and in full on the dates outlined in this Bulletin. Parents or students who find it essential to discuss any variation in the stated terms or dates of payment should take the matter up in writing with the College Cashier in ample time to have any proposed change officially reviewed before the stipulated date of payment arrives. In such cases there is an arrangement available through Tuition Plan Inc. whereby a portion of the fees may be paid in monthly installments.

LOANS TO STUDENTS

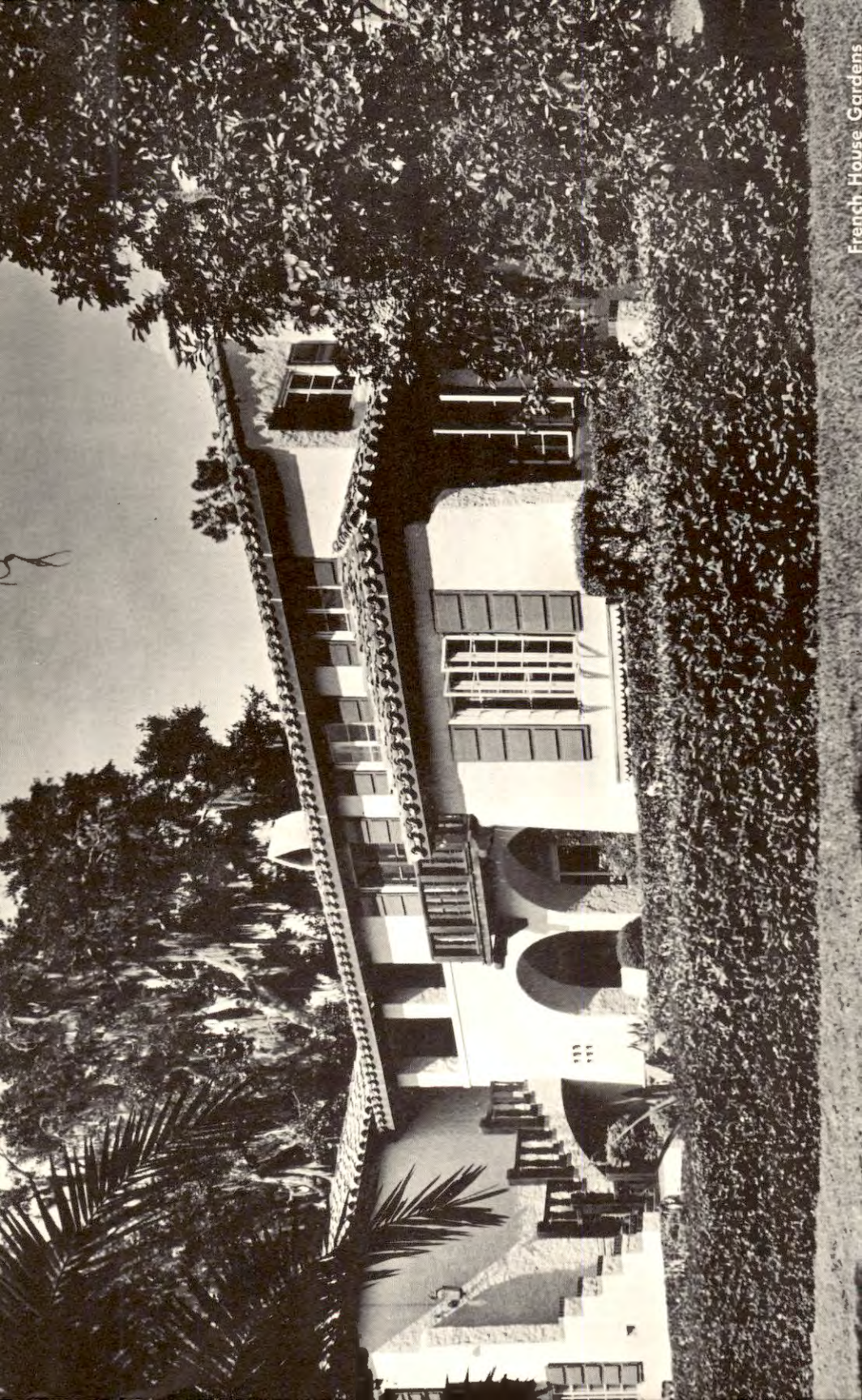
The College has a number of loan funds from which loans may be made to qualified students. If a student who has been granted a loan transfers to another institution, the loan must be paid in full before the student will be granted an honorable dismissal from Rollins College.

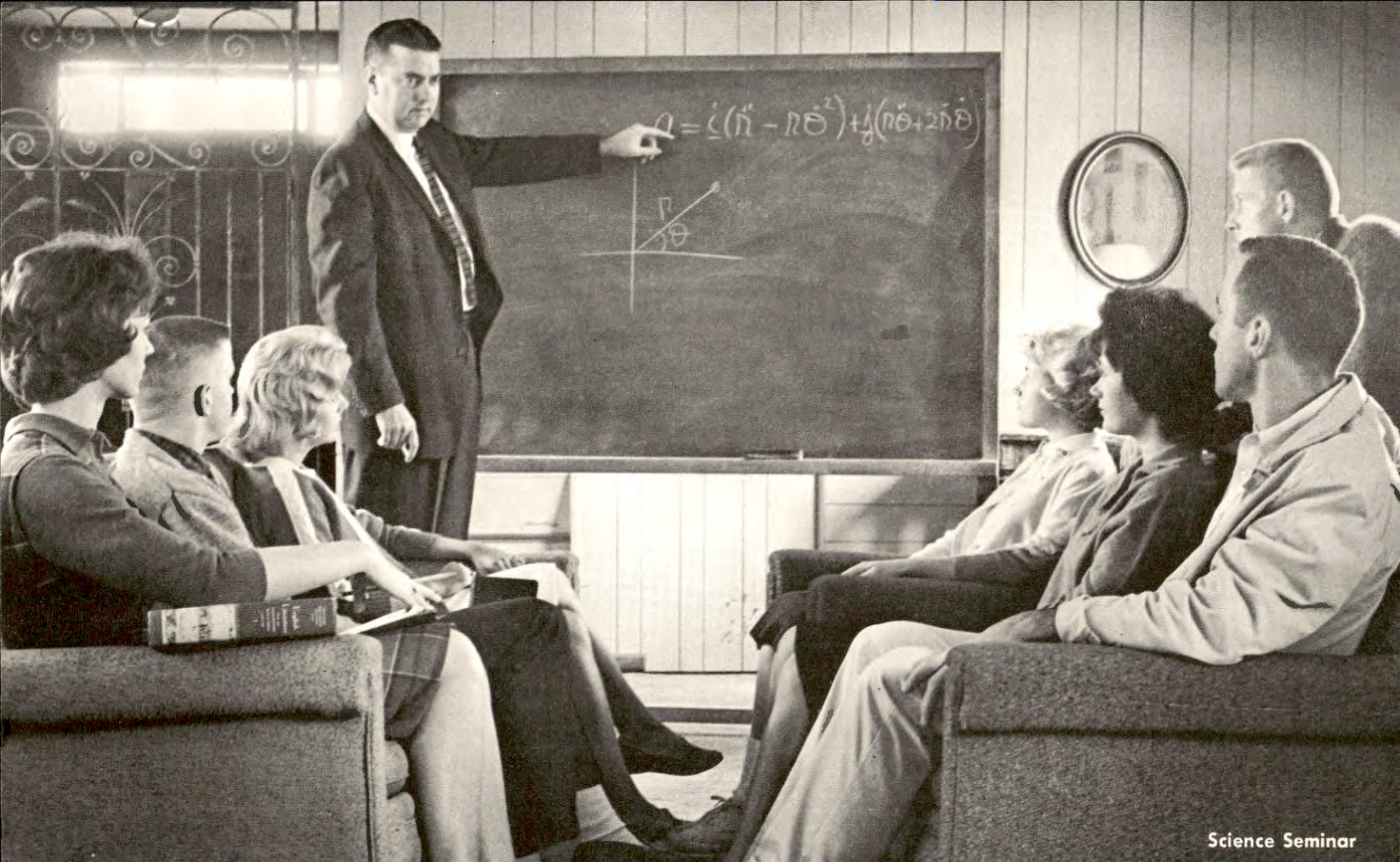
Funds have been made available to the College from the National Defense Student Loan Fund for loans to qualified students who must borrow money to continue their education at Rollins. Information regarding such loans is available at the Cashier's Office.

SPECIAL REGULATIONS

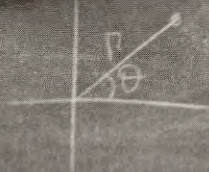
Boarding students who receive scholarships or other aid on the basis of financial need are disqualified from receiving such scholarships or aid if they own or maintain an automobile on the Rollins campus unless authorized for business or similar purposes.

For further information regarding financial aid to students, address Miss Chloe M. Lyle, Rollins College, Winter Park, Florida.





$$A = \frac{1}{2}(\dot{n} - n\dot{\theta}^2) + \frac{1}{2}(n\dot{\theta} + 2\dot{n}\dot{\theta})$$



The Rollins Standard

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The Rollins Standard

CONDUCT OF STUDENTS

We at Rollins are concerned with the learning that takes place on the campus through our classrooms, our religious activities, our social functions, and all other opportunities for interpersonal and intellectual relations.

The Faculty has been entrusted and charged by the Board of Trustees with all matters pertaining to the order, instruction, discipline, and curriculum of the College. It is responsible for the maintenance of good order and discipline within the student body, and for the authorization and enforcement of needed rules and regulations. The Faculty, in turn, has delegated most of the specific responsibilities for these matters to the Dean of the College and to the Student Deans.

The possession or use of alcoholic beverages by minors is illegal in Florida. Possession or use of alcoholic beverages is expressly forbidden on the Rollins campus. Intoxication by Rollins students is not acceptable.

As part of the over-all educational program on the campus, students are encouraged to assume responsibility both for group and for individual behavior. However, any student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts or because of his general attitude may be warned, placed on probation, advised to withdraw, be suspended, or be dismissed from College, as the conditions warrant. Specifically, a student may be advised to leave or may be dismissed from College without particular charges if, in the opinion of the administration, his attitude or conduct is incompatible with the best interest of the College.

CLASS ATTENDANCE

Because the class period is important and discussions cannot be reproduced, absences cannot be "made up." It is for this reason that Rollins does not have a "cut" system whereby students are allowed a certain number of absences without penalty. Prompt and regular attendance at all

Rollins College

classes is required. A student who is repeatedly absent from classes without permission from his instructors may be placed on probation or may be required to withdraw from the College.

Each student is held responsible for all absences from classes. When a student is absent, it is his responsibility to arrange with his professor to make up the work deemed necessary. In this respect there is no differentiation between excused and unexcused absences. If a student is not in attendance at class, he is marked **ABSENT**.

Absences immediately before or after a holiday or vacation are considered a violation of the attendance policy. Disregard of these rules will make the student liable for suspension or probation.

ACADEMIC WARNING AND PROBATION

Academic warning and probation are not to be considered as punishment, but are intended to give the student opportunity and encouragement to achieve and maintain good academic standing. In order to protect the academic standards of the College, warning and probation also serve as notice to the student and to his parents or guardian that dismissal may result from failure to improve his academic record.

A student may be placed on academic probation whenever his record endangers his reasonable progress toward a degree according to standards established by the Academic Standing Committee. If in the opinion of the Committee it is in the best interests of the student, a term of academic warning may be substituted for the first term of probation. Actions of this Committee in individual cases are based on consideration of all factors presented in each case, and such individual actions are not to be considered as establishing precedent or policy.

If a student on academic warning does not show satisfactory progress and achievement by the end of the term, he is usually placed on academic probation. A student on academic probation is not in good standing and may not represent the College in extracurricular activities, own or maintain a motor vehicle, or hold a scholarship. The student may be asked to abide by additional regulations determined by the Committee. A student who has been placed on warning or on probation for unsatisfactory academic standing must complete one term with a satisfactory record **after**

The Rollins Standard

being removed from warning or probation before being eligible for initiation into a fraternity or sorority.

If a student on academic probation does not show satisfactory progress and achievement by the end of the term, he is usually dismissed from the College. A student with a previous record of academic warning or probation who fails to maintain the standards established by the Committee may be placed on probation or dismissed without further period of warning or of probation.

Academic Standards. A student is ordinarily placed on academic probation under the following conditions:

- (1) If in any term his academic average for that term is substantially below C-.
- (2) If at any time his cumulative academic average below C jeopardizes his normal progress toward eligibility for graduation.

In applying this condition, a graduated scale is used. A freshman may remain in satisfactory academic standing if his cumulative academic average is slightly below C-; a sophomore slightly above C-; a junior slightly below C; a senior must maintain a cumulative average of C.

A student who fails to attain a satisfactory academic standing after a term of academic probation will be considered for dismissal from the College.

As a matter of general policy, the probationary period for a freshman will be extended to the end of his first year if such extension appears to be in the best interests of the student. Such consideration, however, will not be granted to a freshman whose record discloses a lack of aptitude or a flagrant neglect of work.

Removal from Academic Probation. A student on academic probation will ordinarily be removed from probation if in the next succeeding term he carries a normal academic load and substantially remedies the deficiencies for which he was placed on probation.

SOCIAL PROBATION

A student who makes himself an undesirable citizen of the campus or community because of unsocial or irresponsible acts or general attitude may be placed on social probation by the lower court.

A student on social probation may not represent the College as a member of any athletic team, in an extracur-

Rollins College

ricular dramatic production, or in any other way. He is not eligible to hold any College or fraternity office, to participate in any public or intramural activities, to receive financial aid of any sort from the College, to own or maintain a motor vehicle, or to use the Pelican housing facilities.

While on social probation, a student must comply with any additional restrictions outlined for him by the Student Deans or the Student Government Courts.

TRANSFER STUDENTS

Transfer students must meet all of the Rollins requirements if they expect to graduate from Rollins. (See pages 23 and 24, Admission, for further details.)

WITHDRAWALS

A student withdrawing from the College is expected to have his parents or guardian write a formal letter of withdrawal to the Dean of the College, preferably prior to withdrawal.

MARRIAGE

In order to remain in good standing at Rollins College, students planning to be married will advise the Student Deans and have the consent of their parents (if they are not of legal age) prior to the wedding. The College discourages elopement. It is not responsible for refunding any portion of the boarding charge to students who become day students because of marriage during the academic year. The College does not operate any housing facilities for married students.

REGISTRATION

Students must present themselves for registration on the days that are assigned for that purpose. Completion of registration after the regularly appointed period subjects the student to a fine of \$5.

CHANGE IN REGISTRATION

Any change in registration must be made during the first week of the term. Approval of changes later in the term will be granted by the Dean of the College or the Registrar. Such changes will be made only to meet circumstances beyond the control of the student.

DROPPING WORK

Work for which a student has once registered may not be dropped except by formal permission of the adviser, the instructor, and the Dean of the College or Registrar. Drop cards may be secured from the Registrar's Office. A course dropped after the first week of classes in any term is recorded as W if the work to date is passing, or WF if failing, on the student's permanent record. WF is included in computing a student's average. The grade of XF is recorded for a course abandoned without an official withdrawal, and is computed in the average as a failure.

EVALUATION OF THE STUDENT'S WORK

The report card is based on the following principles:

(a) The evaluation of a student should be an appraisal of his desirable habits and qualities of character as well as of his academic achievement.

(b) The report should be an individualized evaluation. The goal at Rollins is the education of the individual. This is achieved by regarding each student as an individual. Hence the report card provides for individualized grading. It also offers an opportunity to evaluate many habits and traits of character.

The instructor records letter grades and any other evaluations he feels should be made.

Grade "A" is reserved for work that is exceptional in quality, for work showing keen insight, understanding, and initiative well beyond the requirements of the course. This grade cannot be earned solely by conscientious preparation of assigned work or by high grades on tests.

Grade "B" is given for work that is consistently superior, for work that shows interest, effort or originality that lifts it well above the average. Conscientious preparation of assigned work alone does not merit "B"; the grade is a recognition of quality.

Grade "C" is a respectable grade. It is the minimum grade required for graduation. It assumes regular attendance at class, punctuality, consistent preparation of work day by day, and completion in a satisfactory manner of all work required in the course.

Grade "D" is an unsatisfactory grade. It is below the standard necessary for meeting graduation requirements.

Grade "F" is failing.

Rollins College

For each term hour of credit, letter grades are assigned quality points as follows:

Grade A	12 quality points	Grade C	5 quality points
" A—11	" "	" D+ 4	" "
" B+10	" "	" D 3	" "
" B 9	" "	" D— 2	" "
" B— 8	" "	" F 0	" "
" C+ 7	" "	" WF 0	" "
" C 6	" "	" XF 0	" "

A grade of "I", indicating that the work of a course is "Incomplete," may be assigned only when circumstances beyond the control of the student, such as illness or necessary absence from the campus, have made it impossible for the student to complete the work of the course within the normal period. The student receiving a grade of "I" must complete the work of the course and have a regular letter grade assigned for the course within the next succeeding term of residence in the College. Failure to complete the course within one term will result in the assignment of a grade of "F".

REQUIREMENTS FOR GRADUATION

In order to be eligible for the Bachelor of Arts, Bachelor of Science, or Bachelor of Music degree, a student must fulfill certain specific requirements. The degree received depends upon the students' major field of concentration.

1. **Residence Requirements.** The entire senior year (i.e., the last 45 credits leading to the Bachelor's degree) must be taken at Rollins College. For special requirements in co-operative programs with other colleges or universities see pages 51, 52, 53, 54, and 55.

2. **Grade Requirement.** A student must have a minimum academic average of 6.00 (C) for all courses taken at Rollins. For an explanation of grades and scholastic requirements, see pages 39 and 40.

3. Credit Requirements:

Total Hours.

Completion of 192 credits of academic work and two years (6 terms) of Physical Education.

Distribution Requirements.

(See explanation below)

	Credits:
(1) English Composition and Literature	15
(2) Foreign Language	0-25*
(3) Economics Philosophy	
Courses selected from the following group:	15
Geography Psychology	
Government Sociology and Anthropology	
History	
(4) A one-year course selected from the following group:	15
Biology Geology	
Chemistry Physics (or Astronomy)	
(5) Courses selected from the following group:	15
Art	
English (beyond distribution requirement 1 above)	
Foreign Language (above 200-level)	
Music	
Philosophy (if not selected in 3)	
Religion	
Theatre Arts	
(6) Courses selected from major field and electives	108-132
	192
(7) Physical Education	6 terms
(8) All students must complete a minimum of 64 credits in 300- and 400-level courses and must take at least 25 credits at the 300- and 400-level outside the major department.	

*The Foreign Language requirement may be met in part or entirely by qualifying examination.

CLASSIFICATION OF STUDENTS

Sophomore standing	40 credits
Junior standing	90 credits
Senior standing	141 credits
	plus satisfactory completion of 2 years of Physical Education

Explanation of Distribution Requirements. In addition to the statements that follow, the student should read the departmental announcements that appear elsewhere in this Bulletin.

Requirement 1, English Composition and Literature. English 101-102-103 is required of all freshmen except a small group mentioned below. The purpose of this course is

Rollins College

to develop two abilities that are among the essential qualifications of every educated person: (1) the ability to write correctly, clearly, and effectively, and (2) the ability to read literature with an appreciation of its meanings and its artistic qualities. To achieve these, every student at Rollins is required to meet at least a minimum standard of literacy; and to this end every freshman who is enrolled in 101-102-103 must pass the Minimum Essentials Test of English Composition.

Those entering students who demonstrate superior abilities in English in their entrance examinations are permitted to substitute a course in Literature for English 101-102. They must, however, enroll in English 103, in which emphasis is placed on the techniques of research and scholarly writing; and then continue in English 282, 283, Introduction to Literature.

Requirement 2, Foreign Language. The College feels that all of its graduates should have some acquaintance with a foreign culture through the study of its language. Every student, therefore, is required to achieve some proficiency in a foreign language. Interested students are urged to elect further work in either Advanced Foreign Languages or Area Studies. Students who have studied a language in secondary school are advised to continue the study of the same language. All students who are to continue in college the study of the foreign language they began elsewhere will be placed on the basis of the College Board Achievement test in the language. The language requirement can be met in the following ways:

- (1) Students whose score on the achievement test shows an achievement equivalent to the satisfactory completion of a second-year college course will be excused from further language study.
- (2) Other students will be placed in the first-year or second-year course according to their level of achievement as shown by the examination, and they must continue the study of the language through satisfactory completion of the second-year course. (201, 202, 203).
- (3) Students who begin the study of a new language in college must complete two full college years of the language.

Requirements 3, 4, 5, Group Requirements. During their

first two years, students are usually required to obtain 45 credits distributed equally among the Humanities, the Laboratory Sciences, and the Social Studies. These requirements, which are an essential feature of the Rollins Program, assume that students shall have a broad education before specializing in their major field during their junior and senior years. The requirements are also designed to help students decide, if they have not already done so, which field they should choose for their major.

Requirement 6, Major and Electives. Before the end of his sophomore year at Rollins, the student chooses a major, or field of concentration. The majors or pre-professional programs have two general purposes: (1) to give the student a sense of mastery in a particular field, and (2) to prepare him for an occupation. Quantitatively, a student must take, on the average, one-third of his courses in a specific field, with a majority of them in his junior and senior years. Ordinarily, the major will, therefore, include 45 or more credits in the subject chosen, some of which must be earned in 400-level courses. The student works out his preparation for his major program with the assistance of his adviser and members of the department in which he specializes.

In special cases, with the approval of the adviser, the Dean of the College, and the departments concerned, a student may major in two fields, meeting the full requirements of each or taking departmentally approved reductions in both departments.

Since the majority of the student's courses during his first two years are outside his major field and since he is required to take at least 25 credits at the 300- and 400-level outside the major department, the student not only gains a broad and deep understanding of one field of study, but also receives a satisfactory liberal education.

Once the student has chosen a major or a field of concentration, shortly before the end of his sophomore year at Rollins, he may ask a professor in the major department to serve as his adviser. Upon acceptance by this professor, the student should see his previous adviser and the Registrar, and give them the name of the new adviser. Beginning with his junior year, the student will then be under the guidance of his new major adviser.

Requirement 7, Physical Education. Two years of physical education, unless excused for medical reasons, are re-

Rollins College

quired of all students for graduation. A satisfactory grade must be achieved. Each student carries the required physical education course regularly through each term of the first two years. Any student who fails to complete this requirement with satisfactory grades by the end of the third year will be liable for probation or dismissal.

Requirement 8. This requirement ensures that all students obtain an adequate number of credits in advanced level work, and that a reasonable proportion of these credits are obtained in fields outside the student's major field.

Course Load. A full term load is defined as 15 to 18 credits. Any student registering for more than 18 or fewer than 15 credits must have the program approved by his adviser and by the Dean of the College or the Registrar.

Except in unusual circumstances, the distribution in English, Foreign Language, and courses selected from Requirements 3, 4, and 5 should be met during the first two years. In no case may they be deferred beyond the end of the third year.

Advanced courses may be taken to satisfy a requirement if the student is qualified to take such work.

Honors Program

The purpose of the Honors Program is threefold:

1. To grant recognition for unusually high academic achievement and promise of intellectual and personal leadership.
2. To afford students having such qualities the opportunity of programs for individual study in addition to their regular courses, from their entrance as freshmen through their senior year.
3. To provide seniors with the opportunity to be graduated with honors.

The Honors Program consists of two parts: (1) Honors at Entrance Freshmen, and (2) Upperclassmen.

I INDIVIDUAL READING PROGRAM

The term "Reading" is used in a broad sense to include laboratory projects, art projects, field works, etc.

Eligibility for reading for honors is earned as follows:

1. Each year a small number of entering freshmen is selected for **Honors at Entrance** in recognition of

The Rollins Standard

outstanding scholarship in their secondary school work. Freshmen so selected may have the privilege of reading for honors during their first College term. To introduce these students to the College early in their careers, certificates will be presented at the first Convocation each fall.

2. Similarly, all students who earn and maintain an average of 10.00 at Rollins are also eligible to participate in the Reading Program.

The Individual Reading Program is planned under the guidance of an honors sponsor, who is selected by the student in consultation with his adviser. This program must be approved by the Committee on Honors Work. The sponsor has full responsibility over the program but may ask some other members of his department or related departments to supervise some parts of it.

The student may receive one to three hours' credit per term for approved reading but may not accumulate more than seven hours' credit during the year. Once a term's program has been approved, it cannot be dropped except by permission of the sponsor, the adviser, and the Dean.

* * * * *

Students who have at the end of an academic year a cumulative average of 10.00 and who have completed during that year at least one term in the Individual Reading Program are designated Rollins Scholars.

II INDIVIDUAL INDEPENDENT STUDY FOR HONORS AT GRADUATION

Students are invited at the end of the second term of their junior year by the Committee on Honors Work and the major department to engage in independent study for Honors at Graduation. An approved plan of independent study may be started in the third term of the junior year but cannot be started later than the beginning of the second term of the senior year. A thesis must be presented within two weeks after the beginning of the final term of the senior year. It must be typewritten, with an original and two carbon copies. The original is filed in the College library; one copy goes to the department files, the other is returned to the student.

Students who are candidates for graduation with distinction take final examinations which include one or more written examinations in the major field, and an oral one

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in the special field of the honors thesis. The Graduate Record Examination will be used if there is such an examination in the student's major field. The oral examination is conducted by a special Committee appointed by the Dean of the College consisting of members of the major department and two members of other departments. One or more members of the Committee on Honors Work will be present at this examination.

The program of individual study for Honors at Graduation carries a minimum of five hours' or a maximum of ten hours' credit during the senior year. Progress reports from the department are filed with the Registrar at the end of each term.

Seniors participating in Individual Study for Honors are designated at graduation as follows:

Graduation with Distinction—A cumulative average of 10.00 and recommendation of the Committee.

Graduation with High Distinction—A cumulative average of 10.50 and recommendation of the Committee.

Graduation with Highest Distinction—A cumulative average of 11.00 and recommendation of the Committee.

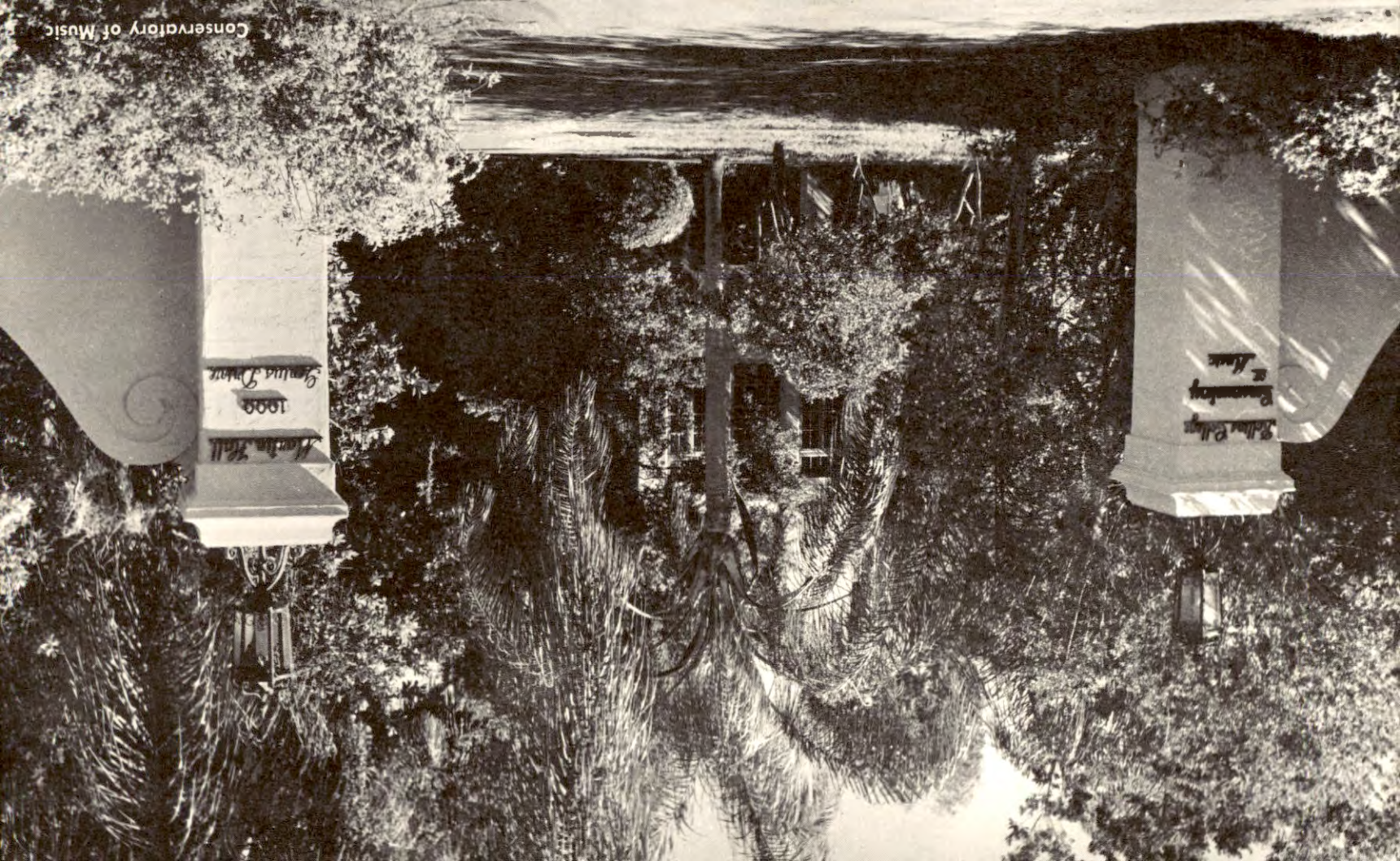
A student who has not done independent study for Honors but whose general average is high may be awarded his degree with distinction. The requirement for this honor is an average for all courses of not less than 11.00.

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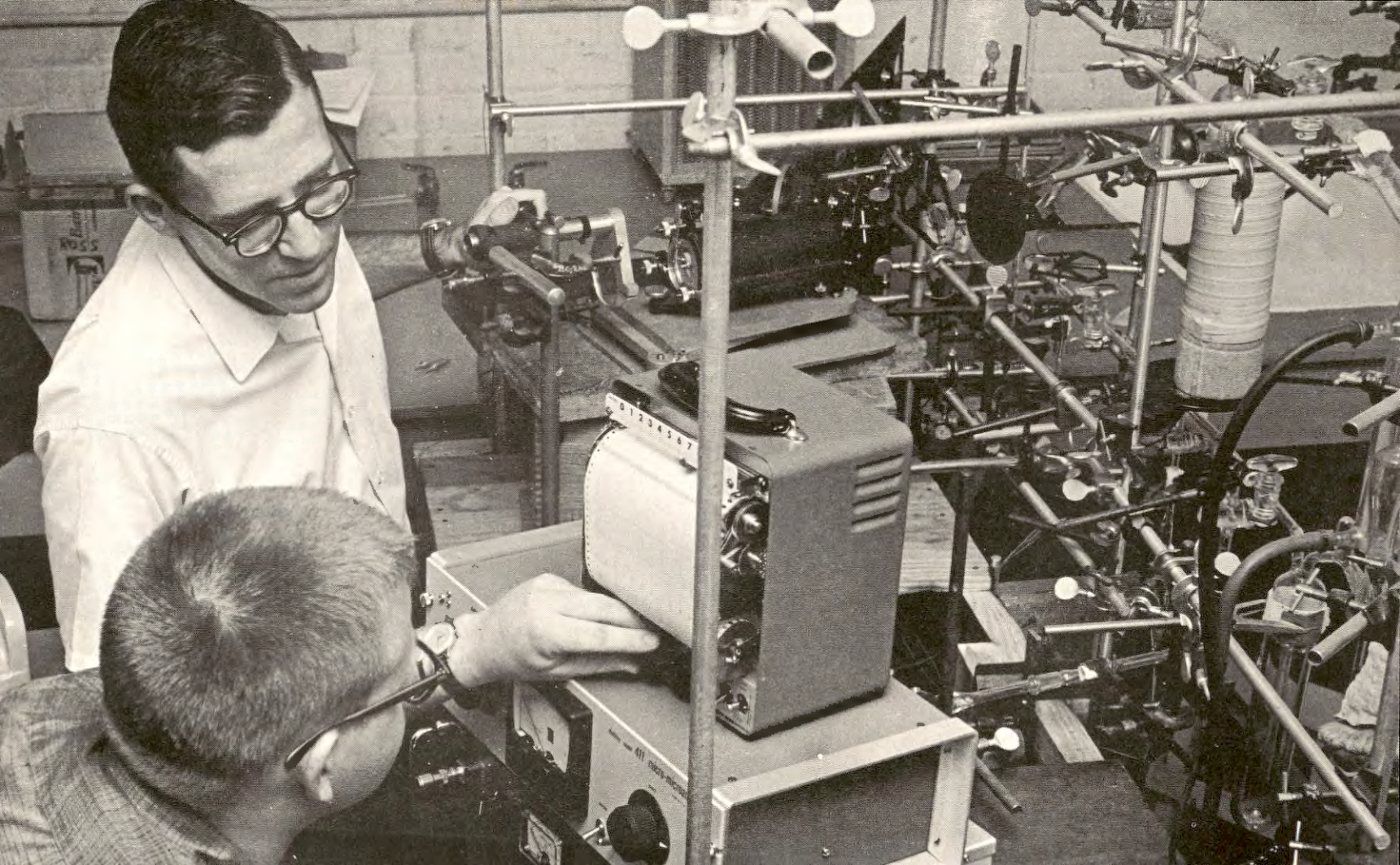
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Manning Hall
1889
Georgia Avenue

Bullard Hall
1889
Avenue







The Rollins Curriculum

NUMBERING OF COURSES

In the numbering of courses the following system is used: courses open to freshmen and sophomores are numbered from 100 to 299; those open primarily to juniors and seniors are numbered 300 and above. The term is indicated with the letter: f, fall; w, winter; s, spring.

Many courses are offered in one-term units; however, in some cases two or more terms constitute a unit. The presence of a hyphen between the term numbers, i.e., 101f-102w-103s, indicates that all parts of that particular course must be taken as a unit. **No credit will be allowed for the completion of part of a course.**

The presence of a comma between the term numbers, i.e., 101f, 102w, 103s, indicates that any term's work in the course may be taken separately provided that the prerequisites have been met. When course numbers are repeated and separated by a semicolon, the course is repeated, i.e., 101f; 101w. Where courses are given in alternate years, the year in which the course is given follows the course description.

CREDIT PER COURSE

The number of credits given for each course is listed after the description of the course. Five-credit courses usually meet five times a week. Two-credit courses may meet once a week. All credit is term credit which can be translated into semester credit as follows: one term credit equals two-thirds of a semester credit; one semester credit equals one and one-half term credits.

Specialized Training

TEACHER EDUCATION AND CERTIFICATION

Rollins College offers a major in Elementary Education for those planning to teach in elementary schools. Those preparing to teach in secondary schools may major in the subject they desire to teach, and as part of their elective work may select courses in Education.

Rollins College

Requirements for teacher certification in Florida are divided into three categories: (1) General Preparation, (2) Professional Preparation, and (3) Specialized Preparation. Other states have similar requirements, which can be ascertained from the Registrar or from the Education Department at Rollins.

The courses in General Preparation that are required for the Florida Certificate include a minimum of sixty-eight term hours or their equivalent divided among the following fields, with a minimum of nine term hours and a maximum of eighteen term hours in each field:

Arts of Communication. Minimum requirement: nine term hours in English Composition, Rhetoric, and Grammar. (Speech and Foreign Language may also be counted.)

Human Adjustment. Health, Physical Education, Psychology, Religion, Philosophy, Logic, Ethics, Nutrition, Problems of Living in Home and Family, and Community living.

The Biological and Physical Sciences; Mathematics. (In no case may the entire field be represented by Mathematics.)

The Social Studies. At least two of the following: Geography, History, Government, Sociology, Anthropology, and Economics.

Humanities and Applied Arts. At least two of the following: Literature (English, American, and World), Literature Written in a Foreign Language, Technological Arts, Constructive Design and Fine Arts, Music, and Philosophy.

In the Professional Preparation the course requirements in **Education** include **Practical Experience in Teaching** (Educ. 414-415-416), two 5-credit courses in **Foundations of Education** (Educ. 204 or Educ. 351 and Educ. 233), two 5-credit courses in **Teaching in the Schools** (Educ. 324, or Educ. 404 and Educ. 406, 407, or 408), and a 3-credit course in **Special Methods** (Educ. 417 For. Lang. 417 or as part of Educ. 414-415-416 for secondary; and Educ. 409 for elementary).

For the Specialization Requirements for elementary school teachers or for secondary school teachers, and for the special requirements in other states, the Registrar or the Education Department should be consulted as early as possible in the college course.

CAREERS THROUGH ROLLINS

CO-OPERATIVE PROGRAMS

An excellent foundation for advanced study may be acquired at Rollins College in Chemistry, Church Vocations, English, Geology, History, Mathematics, Music, Physics, Psychology, Sociology and Anthropology, and Social Work. Rollins courses provide an excellent background for teaching in a college or university, or entering a specialized career in research, public service, or industry.

Co-operative agreements between Rollins College and certain universities make it possible for students to shorten the time of preparation when their academic ability and performance meet the requirements of the professional school concerned. This is an advantage for the student who wishes to have a liberal arts foundation for his later specialization. Such a foundation is preferred by employers, and is recommended by many professional schools in technical and professional areas.

Most college students complete the full four years that are usually required for the Bachelor of Arts or Bachelor of Science degree and then enter professional training, where two to four additional years are required. Rollins students who qualify, however, may avail themselves of one of the co-operative or accelerated programs outlined below. In most instances, it will be noted, the student receives his Bachelor's degree from Rollins after successfully completing his first year at the co-operating institution. Students who wish to qualify for one of these programs (Master of Arts in Teaching excepted) should consult their adviser probably by the beginning of their sophomore year. Only students who have completed three years in resident study at Rollins will be recommended. Thus, a student who does his junior year abroad cannot qualify.

ARCHITECTURE

A student who wishes to plan a joint curriculum in Architecture in Rollins College and the Massachusetts Institute of Technology may be indicating the fact upon entering Rollins College follow a program at Rollins for three years and at M.I.T. usually for three additional years receiving the bachelor of Arts degree from Rollins and the

Rollins College

degree of Bachelor of Architecture from M.I.T. The details of the co-operation are not yet complete but should be by September, 1962.

BUSINESS ADMINISTRATION

Rollins College Institute for General Studies

Students graduating from Rollins who have majored in Business Administration and Economics are eligible to apply for admission to the Rollins Graduate Program in Business Administration, leading to the Master's degree in Business Administration. Those whose undergraduate major has included substantially all the subject matter covered by the basic courses of the first-year MBA Program may expect to complete the MBA degree requirements in one year by attending some evening classes, and enrolling for appropriate research and thesis projects. As indicated on page 141, the Graduate Program in Business Administration is a division of the Rollins Institute for General Studies. Brochures are available setting forth the specific admission procedures and degree requirements. Rollins seniors who contemplate entering the MBA Program in order to receive the MBA degree in one year should consult their adviser or a member of the Business Administration and Economics Department for details.

ENGINEERING

Columbia University School of Engineering

Students who wish to obtain a Bachelor of Science degree in Engineering from the Columbia University School of Engineering in addition to the Bachelor of Science from Rollins College may enter Rollins and, after following successfully a course of study approved by both schools, may transfer to Columbia at the end of three years. After meeting the graduation requirements of both institutions he is granted the appropriate degree from each.

Massachusetts Institute of Technology

Students who wish to obtain a Bachelor of Science in Engineering degree from the Massachusetts Institute of Technology in addition to a Bachelor of Sciences degree from Rollins College may follow a program at Rollins for three years that has been agreed upon by both institutions. Successful completion of this program will enable the student to apply for transfer to M.I.T. to complete the work for the

Bachelor of Science in Engineering degree, usually in two more years. The exact time will depend upon the student's studies before going to M.I.T.

New York University

Rollins College has also entered into an agreement with New York University. Under this program, students attend Rollins for three years and New York University for two years. They earn two degrees, the Bachelor of Science from Rollins College and the Bachelor of Engineering from New York University. The program at Rollins includes basic courses in the Liberal Arts Field and concentration in Mathematics and Physics. At the end of three years the student will have an opportunity to choose among eight branches of Engineering.

FOREIGN SERVICE

Edmund A. Walsh School of Foreign Service, Georgetown University

Students who would like to follow a course of study leading not only to a Bachelors degree in the Liberal Arts but also to the degree of Master of Science in Foreign Service may apply for admission to the co-operative program carried on by agreement between Rollins College and Georgetown University. Under this agreement, students attend Rollins College for their freshman, sophomore, and junior years. The senior year is spent at the Edmund A. Walsh School of Foreign Service at Georgetown University in Washington, D. C. A fifth year of study is then taken at the Georgetown University Graduate School. By this arrangement, successful students receive their Bachelor of Arts degree from Rollins College after one year at Georgetown University. Upon completion of the second year at Georgetown, they receive the degree of Master of Science in Foreign Service from that University. Thus, participating students may receive two degrees in five years. The program is intended to qualify graduates to enter the Foreign Service of the United States.

FORESTRY

Duke University School of Forestry

Upon successful completion of a five-year co-ordinated course of study, a student may earn the Bachelor of Science degree from Rollins College and the professional degree of Master of Forestry from Duke University. The student

Rollins College

electing this curriculum spends the first three years in residence at Rollins and the last two at Duke University, pursuing the professional forestry curriculum of his choice.

LAW

It is possible for selected students to plan their studies at Rollins so that they can qualify for both the Bachelor of Arts degree from Rollins and the Bachelor of Laws degree from certain law schools within a period of six years. This necessitates careful planning by the student of the three years of study at Rollins College in order that all distribution and other general requirements are fully completed. Students who wish to pursue this plan should inform their adviser as early in their college course as practicable.

Duke University School of Law

Selected students who wish to obtain a Bachelor of Law degree from Duke University in addition to the Bachelor of Arts degree from Rollins College in six years may be admitted to the Duke University School of Law upon the successful completion of a special three-year curriculum at Rollins. They will be eligible to receive the Bachelor of Arts degree from Rollins College after receipt of a transcript showing that the first year of study in the law school has been successfully completed.

Stetson University College of Law at St. Petersburg

Students who desire to complete both liberal arts and legal education in a period of six years instead of seven may apply for admission to the co-operative program agreed upon between Rollins College and Stetson University College of Law at St. Petersburg, Florida. They earn both Bachelor of Arts and Bachelor of Law degrees.

MASTER OF ARTS IN TEACHING

Duke University

Supported in part by a grant from the Ford Foundation to Duke University, this program is designed to prepare those selected college graduates for a teaching career who did not prepare professionally for their teacher certifications as undergraduates. The program provides professional courses, carefully supervised teaching experience, and graduate study in special fields. The student who completes the program successfully achieves a year of teaching experience, earns his Master of Arts in Teaching degree and full certification as a teacher—all within a fifteen month period. For

particulars about scholarships for this program, which at present are very substantial, interested candidates may confer with the Senior Professor of Education.

MEDICAL TECHNOLOGY

The growing field of Medical Technology offers a rewarding opportunity for both men and women who may desire to aid the sick in a specialized way or who cannot afford the long training needed to become a doctor. Three years of college are now required with an additional year of training in one of the schools approved by the American Medical Association. Rollins offers the required basic courses in all fields and the B.S. degree upon completion of the year of study in a school of Medical Technology approved by the College.

The basic course at Rollins would include a minimum of Biology (24 credits), Chemistry (30 credits), Math (5 credits for less than 4 years of high school math), other Science courses (15 credits) which should include Physics if not taken in high school.

In addition the student would be expected to meet the distribution requirements, except for number 8 (see page 41).

MEDICINE

Duke, Tulane, and Vanderbilt Universities

Qualified students who wish to enter medical school after three years at Rollins and receive the Bachelor of Science degree from Rollins after successfully completing the regular first year in medical school may apply to the Committee on Pre-Medical Education. Medical schools in three universities—Duke, Tulane, and Vanderbilt—will receive selected Rollins students for this accelerated program.

DENTISTRY

The Council on Dental Education prescribes that the pre-professional requirements be met in an accredited liberal arts college. Rollins is accredited and gives the required courses in English, Biology, Physics, and Chemistry. Many Rollins students enter Dental School. Students interested in this specialization may make their preparation for this profession at Rollins with full confidence that entrance requirements will be adequately met. However, no exemption is granted from the usual Liberal Arts requirements.

Majors

Rollins College students may choose any of the following fields in which to concentrate:

Fields leading to the degree of Bachelor of Arts:

Art	General Science
Business Administration	History and Government
Economics	Human Relations
Elementary Education	Inter-American Studies
English	Music
Foreign Language	Philosophy
French	Psychology
German	Sociology and Anthropology
Spanish	Theatre Arts

Fields leading to the degree of Bachelor of Science:

Biology	Mathematics
Chemistry	Physics
Geology	Pre-Medical

Fields leading to the degree of Bachelor of Music:

Choral Conducting	Organ
Composition	Voice
Instrumental	Music Education
Piano	
Violin	

A student is expected in the first two years to do the introductory work in his major subject which will give him the fundamental knowledge necessary for advanced work. He should consult his adviser in regard to this work. The major will normally include 45 or more credits in the subject, including some 400 courses.

The major will be arranged to fit individual needs as far as possible within the limits of the established general and major requirements.

COMBINED MAJOR

A student may elect a combined major made up of courses from two or more departments, if in the judgment of the adviser and the Dean of the College such proposed major has coherence and depth and better meets the needs of the student than do any of the regular majors offered.

A combined major must be approved by the departments concerned. A combined major from two departments will normally require approximately two-thirds of the courses required in the regular major of each department.

Courses of Instruction *Area Studies*

L. GLEASON, HANNA, MOMSEN

Rollins College also offers courses in Area Studies that cover the history, geography, anthropology, art, literature, and current social, political, and economic problems of an area, particularly as these problems affect relations with the United States. The first of these studies was offered in 1957-58 in the Latin American Area which was particularly appropriate because of the College's long-time interest in that part of the world.

211f-212w-213s. Latin American Studies

Introductory course for the Latin American Studies major. Open as an elective to all C or better students. A study of Latin America, with emphasis on an understanding of modern economic, social, and political problems of its countries and including background work in the history, social patterns, and geography. Delves into the problems of geography and economics, American Literature and Art, Political and Social development.

Casa Iberia, the Inter-American Center, serves as a laboratory for the Latin American Studies course. Among its activities is the Cafezinho Book Review Series on Saturday mornings designed to interpret selected writings in the fields to which this course is related. *3 credits*

L. Gleason, Hanna, Momsen

A student majoring in Inter-American Studies should take, in addition to the Introductory Latin American Studies course, 211-212-213, 45 hours selected from the following courses, not more than 15 hours in any one department:

Field Trip to Latin America

(See Geography 401)

Required of majors. (Credits to be arranged)

Geology

Mineral resources of Latin America (See Geology 451) *3 credits*.

Geography of Latin America

A study of physical, cultural, and economic geography of Latin America (See Geography 303) *4 credits*.

Government

Comparative Government with emphasis on Latin America (See Government 337) *5 credits*.

Sociology and Anthropology Seminar

(See Sociology 314-315-316)

Alternates with Sociology 414, 415, 416.

Survey of Latin American Literature

(See Spanish 419-420-421)

Rollins College

History

Hispanic Heritage and Colonial Period (To be offered in the near future)

Latin American Independence Period and United States Relations with Latin America (To be offered in the near future.)

Art

ANDERSON, MCKEAN, ORTMAYER, PETERSON, SILINS

A major in art requires broad fundamental training in the various phases of art expression. The student should have a thorough understanding of fundamental art principles. He should be able to analyze art problems, and suggest a logical plan for their solution. Emphasis on creative thinking is the aim of the department's program.

Students may choose between Creative Art and Art History. The student who specializes in Creative Art must schedule the three-term course in basic principles (131-132,133) and 10 credit hours each of Painting, Sculpture, and Design as prerequisites for advanced work. He must then take 15 credit hours of advanced work in Creative Art and three advanced courses in Art History.

Recommended electives:

Aesthetics
Music
History
Literature

The student who specializes in Art History must schedule the three-term course in basic principles (131-132-133), two survey courses in Art History (219, 267), one course in Philosophy, and 10 credit hours in Creative Arts of his own choosing. Advanced study consist of five advanced courses in Art History and one course in Aesthetics.

Recommended electives:

History
Psychology
French or German

Students interested in a combined major in Creative Art and Theatre Arts should consult an adviser in one of these departments.

101w-102s. Introduction to Art and Artists

A general introduction to the visual arts. Works of architecture, sculpture, and painting are studied through illustrated lectures and discussions. Class work is supplemented by outside reading and reports. Open to all students. 2 credits. Anderson

131f-132w-133s. Principles of Art

A basic practice course in the theory and application of color and design fundamentals, including work in drawing, painting, and three-dimensional construction. Required of majors. Open to all students. 5 credits. Peterson

The Rollins Curriculum

151f, 152w, 153s. Elementary Sculpture

A short course in fundamentals of sculpture. No previous training required. Four hours of class per week. Open to all students. *2 credits.*
Ortmayer

219f. A Survey of the Arts of Ancient Civilizations

Deals with the visual arts of the Stone Age, paralleled by art of modern primitive civilizations. The development of the architecture, sculpture, and painting of Assyrian, Babylonian, and Egyptian civilizations. The artistic problems and styles are studied in relation to religious, political, and social conditions of life. (1962-63) *5 credits.*
Silins

231f, 232w, 233s. Painting

Intermediate-level studies in the problems of still life, landscape and figure painting, employing water tempera, oil, and various drawing media. Prerequisite: Principles of Art or consent of the instructor. *5 credits.*
Peterson

254f, 255w, 256s. Elementary Sculpture

Basic problems in modeling and carving. No previous training required. Open to all students. Six hours of class per week, *3 credits*, or ten hours of class per week, *5 credits.*
Ortmayer

267f. Medieval Art and Architecture

A survey of the world of the Middle Ages as reflected in the development of art. A discussion of the decline of the Classical civilization and the late Classical art, and the growth of a new Christian civilization; the inter-relations of art in the East (Byzantium) and the West. The relationship of art and art styles to social and cultural life are stressed. Romanesque and Gothic art are discussed from the aesthetic point of view, and are investigated as symbols of human life, beliefs, and ideas. Attention is given to the problems of the decline of the Medieval World. Open to all students. (1963-64) *5 credits.*
Silins

271f, 272w, 274s. Design

Line, form and color are studied in relation to practical design problems. 271 and 272 open to all students. Prerequisite for 274: five credit hours of design or consent of instructor. Ten hours of class per week. *5 credits.*
Anderson

304f, 305w, 306s. Advanced Sculpture

A continuation of Elementary Sculpture. Students work on projects of their own choosing. Prerequisite: 10 credit hours of sculpture or consent of the instructor. Six hours of class per week, *3 credits*, or ten hours of class per week, *5 credits.*
Ortmayer

311w. Renaissance Art in Italy and Northern Europe

The roots and the main periods of the Renaissance are discussed. A comparison is made of the development of art in Italy and the North. Emphasis on problems of style in relation to the ideas and ideals of contemporary civilization. Prerequisite: one course in art history or consent of the instructor. (1963-64) *5 credits.*
Silins

Rollins College

313s. Baroque Art

A study of the problems of Mannerism and the sources of Baroque style. Various trends of the European Baroque art during the seventeenth and eighteenth centuries are discussed, and consideration is given to the influence of Catholicism and Protestantism on art. Prerequisite: one course in art history or consent of the instructor. *5 credits.*

Silins

321w. Nineteenth Century European Art

A survey of the development of architecture, sculpture, and painting in European countries since the French Revolution. Classicism and Romanticism, Realism and Impressionism are discussed as artistic trends in their relation to the existing conditions of culture and social life. Prerequisite: one course in art history or consent of the instructor. *5 credits.*

Silins

322s. American Painting: Nineteenth Century

A presentation and discussion of the main trends and tendencies of painting in America from Neoclassicism and Romanticism to the Armory Show. Emphasis is placed upon the development of the American School and the expressions of American life in art. Open to all students. *5 credits.*

Silins

323s. Contemporary Art

A study of the roots and development of the Postimpressionistic trends in art. Artistic problems and ideas of Aninaturalism, of expressive and abstract art studied as symptoms of the crises and deep changes in modern civilization, and in the structure of social and political life. Prerequisite: one course in art history or consent of the instructor. (1963-64) *5 credits.*

Silins

331f, 332w, 333s. Advanced Painting

Studies in several media, concentrating on the students individual development. Prerequisite: 10 credit hours in painting and consent of the instructor. *5 credits.*

Peterson

373f, 374w, 375s. Advanced Design

Selected problems in the application of design principles, using a variety of technical media, e.g., silk screen, enameling, mosaic. Prerequisite: 10 credit hours in design or consent of the instructor. Ten hours of class per week. *5 credits.*

Anderson

391f-392w-393s. Seminar in Museum Work

Practical training and discussion in the problems, techniques and procedures of museum operation. Open to junior and senior art majors. *2 credits.*

411f, 412w, 413s. Specialized study in Painting, Sculpture, Design or Art History

Consent of the Art Department is required. *5 credits.*

Staff

Biology

SHOR, VESTAL

Florida offers a unique opportunity for out-of-door study. The major in biology stresses (1) a broad understanding of the interrelationship of the local fauna and flora correlated with (2) the basic ideas and techniques associated with formal training in the laboratory. The course offers the broad basic background that is needed for the many opportunities available in botany, zoology, and conservation.

A student majoring in Biology must take a minimum of 60 credits in the field, beginning with General Biology (104-105-106). Subsequent courses are scheduled in a sequence that, in the opinion of the major professor, best reflects the interests and needs of the student.

A student majoring in Biology must take a minimum of 60 credits in the field, beginning with General Biology (104-105-106). Subsequent courses are scheduled in a sequence that, in their opinion of the major professor, best reflects the interests and needs of the student.

All students majoring in Biology must have a knowledge of general chemistry and other fields of study that provide a broad cultural background. If graduate work is contemplated, the student is strongly urged to acquire knowledge of organic chemistry and modern physics, and a reading knowledge of German or French.

104f-105w-106s. General Biology

An introduction to the entire field of biology, designed to point up its significance to a general education as well as to provide a background for major work in the field. Evolution is used as the unifying principle. Open to all students. 5 credits. Shor, Vestal

207f-208w-209s. Botany

An intermediate-level course dealing with the facts and principles of plant life. Local flora are utilized as illustrative material to show relationships of the fields of forestry, horticulture, conservation, ecology, etc., to a fundamental knowledge of botany. Class, laboratory, and field work. Prerequisite: Biology 106. 5 credits. Vestal

308f. Genetics

A course dealing with the laws of variation and heredity. Textbook and laboratory work. Prerequisite: Biology 106. 3 credits. Vestal

316s. Bio-Ecology

The relation of organisms to their environment and the laws affecting their geographical distribution are studied. Special attention is given to local forms. Prerequisite: Biology 106. 3 credits. Vestal

323f-324w-325s. Comparative Anatomy

Integrated comparative morphological and embryological studies of the organ systems of the vertebrates. The course includes discussions, and dissection of representative types. Prerequisites: Biology 106. 5 credits. Shor

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328f. Bacteriology

The application of bacteriology of household and sanitary sciences; bacterial diseases; classification of bacteria; identification of various types of bacteria. Prerequisite: Biology 106. 5 credits. Shor

331s. Biology of the Algae

Attention is directed toward the morphological, taxonomic, genetic, and ecological aspects of the algae. Class, laboratory, and field work is included. Prerequisite: Biology 209. 3 credits. Shor

343s. Phylogeny

A course designed to integrate those disciplines that contribute to present-day concepts of evolution. 3 credits. Staff

351f. Entomology

Studies in the general characteristics, metamorphosis, control, and economic importance of the principal families of insects. Field work in collection, preservation, and identification of representative Florida insects. Prerequisite: Biology 106. 3 credits. Shor

355w-356s. Natural History of the Invertebrates

An upper-level course in which the invertebrate animals, exclusive of the insects, are studied in the class, laboratory, and field. Morphologic, ecologic, taxonomic, and evolutionary aspects are considered. A special study of mollusks is made in the spring term. Prerequisite: Biology 106. 5 credits. Shor

363w. Conservation of Natural Resources

The course presents the principal biological concepts and techniques that contribute to the maximum use of our natural resources. Stress is placed upon the responsibility of man as a vital yet dependent resource. Prerequisite: Biology 106. 3 credits. Shor, Vestal

365w. Ornithology

Morphology, distribution, adaptations, ecological relations, and field identification are included in this study of birds. Prerequisite: Biology 106. 3 credits. Shor

404f, 405w, 406s. Special Problems in Biology

Individual problems or special topics are selected for study, depending upon the interests and preparation of the students. For majors only. 3 or 5 credits. Shor, Vestal

436f-437w-438s. Biological Literature

Critical reading and discussion of important writings in biological literature. Prerequisite: two full years of Biology or consent of the instructor. 3 credits. Shor, Vestal

461f-462w-463s. Modern Biology for High Schools

Workshop and studies relating to the modern trends in biology teaching at the secondary school level. This will be based on the programs developed by the Biological Sciences Curriculum Study and may include other materials developed by the Committee on Laboratory Innovations and the Committee on the Gifted Student. Prerequisite: permission of instructor. 3 credits. Vestal

Business Administration

EVANS, HUNTER, KANE, MAGOUN, PASTERNAK, TIEDTKE, WELSH

The program for most majors in Business Administration includes the following:

Business Mathematics (Bus. 201) or the passing of a test established by the Business Administration and Economics Department.

Principles of Economics (Econ. 211-212)

Principles of Accounting (Bus. 204-205)

Introduction to Statistical Methods (Bus. 208)

Business Finance (Bus. 307)

Principles of Marketing (Bus. 311)

Managerial Accounting (Bus. 314)

Business English (Bus. 317-318-319)

Business Law (Bus. 322-323)

Business Management (Bus. 409)

Plus three additional three-or-four-hundred-level courses in this or other departments, selected with the approval of the adviser.

201f; 201w. Mathematics of Finance

A study of simple and compound interest; discounts, annuities, bonds, and selected related topics. 5 credits. Welsh

204f-205w. Principles of Accounting

Principles of accounting as applied to business enterprises including analysis of transactions, making all types of original entries, posting, adjusting, summarizing, and the interpretation of statements. 5 credits. Evans

208f; 208s. Introduction to Statistical Methods

Analysis of sources and methods for collecting data. A study of frequency distributions, averages, measures of dispersions and skewness; correlation and sampling. The interpretation and presentation of results. Prerequisite: Business 201 or Business Mathematics Test. 5 credits. Welsh

301s. Applied Statistics

Projects in the sources, uses, and application of statistics to management, industry, finance, marketing, and government problems. Introduction to advanced techniques in the preparation and critical appraisal of statistical reports. Prerequisite: Business 208. 3 credits. Welsh

304w. Production Management

A study of the principles of management applied to the productive processes. Topics include plant location and layout; material flow, storage, and control; standardization of operations through quantity and quality control systems; basic time and motion methods; development, diversification, and obsolescence of productive capacity; relation of the production function to other areas of management. 5 credits. Welsh

307f. Business Finance

Financial problems of the business firm. A survey of information and

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control; capitalization; long term and short term sources of funds; expansions, combinations, and reorganization. Prerequisite: one course in Economics or Business 205. *5 credits.* Evans

308s. Fundamentals of Investments

Investment problems from the investor's viewpoint. The securities markets and their regulation. Evaluation of forecasting methods. Analysis of securities. *5 credits.* Welsh

311f; 311w. Principles of Marketing

A basic course in principles and methods of marketing, and analysis of the market structure. Movement of goods from producer to consumer, including marketing functions and institutions, channels of distribution, policies, costs, problems of creating demand, wholesaling, and retailing. *5 credits.* Welsh

314s. Managerial Accounting

A study of the principles underlying the basic concepts of accounting, and the measurement of income, expenses, and valuation of assets. Accounting as a "tool" of management. Analysis and interpretation of financial reports from the viewpoint of management and investors. Prerequisite: Business 205. *5 credits* Evans

317f-318w-319s. Business English

Methods and mechanics of effective communication in business letters and reports; extensive practice. (Knowledge of typing advisable.) Business 319 will be open to Economics majors with the consent of the instructor. *2 credits.* Magoun

322f-323w. Business Law

Basic principles of law relating to contracts, agency, bankruptcy, negotiable instruments, business organizations, personal and real property, labor relations, security for credit transactions, and trade regulations. *5 credits.* Hunter

325w-326s. Personnel Management

Selection and training of employees; job analysis; work standards and labor productivity; merit rating and promotion procedures; wage determination; handling of employee grievances; worker morale; health and pension plans. Prerequisite: one course in Economics. *2 credits.* Kane

335w. Federal Taxation

A study of federal taxes: income, estate, gift, social security and excise taxes. Emphasis is on income taxes. Prerequisite: Business 205. *5 credits.* Evans

336w. Cost Accounting

A study of cost systems: job costs, process costs, etc. The nature and purpose of cost accounting in relation to management. Budgets, standard costs, preparation and analysis of cost reports. Prerequisite: Business 205. *5 credits.* Evans

401f. Principles of Merchandising

The organization and operation of wholesale and retail establishments;

Business Administration — Chemistry

trends in merchandising; management problems, and technique of merchandise control. Prerequisite: Business 311. *5 credits.* Welsh

409s. Business Management

Methods and problems of the business world presented from the viewpoint of the businessman at work. This course emphasizes the continuity and unity of the problems of the business manager. It is useful to both women and men who contemplate working in the field of executive management. Prerequisite: Economics 212, Business 314. *5 credits.* Evans

421s. Market Research and Consumer Relations

Gathering, recording, and analyzing facts relating to the transfer and sale of goods and services from producer to consumer. The scope, value, and uses of market research in developing and testing new products and product preferences, market measurements, and research in market policy of selected industries. Prerequisite: Business 311. *3 credits.* Pasternak

491f, 492w, 493s. Research Projects in Economics and Business

Independent research and reports on assigned topics. Prerequisite: permission of the instructor. *1 or 2 credits.* Romita, Welsh

Chemistry

CARROLL, HELLWEGE

For a major in Chemistry, the following courses are required:

General Chemistry (105-106-107) or Principles of Chemistry (110-111)

Analytical Chemistry (201, 202-203)

Organic Chemistry (311-312-313)

Physical Chemistry (405, 406, 407)

General Physics (201-202-203)

Mathematics through Calculus (211-212-213)

Recommended course: General Biology (104-105-106)

Chemistry electives: at least four hours

If graduate work is contemplated, one or two years of German are essential.

105f-106w-107s. General Chemistry

A course of principles, theory, and laboratory practice designed for all students desiring to learn the fundamentals of chemistry. Prerequisite: a working knowledge of arithmetic and algebra. *5 credits.* Carroll

110f-111w. Principles of Chemistry

An introduction to the study of the principles and laws of chemistry dealing with the structure of matter, chemical bonding, the behavior of gases, liquids, solids, classification of elements and compounds, solutions, ionization, colloids and the descriptive chemistry of some typical elements. Designed for students intending to major in chemistry, physics, and other sciences and for pre-medical students. Must be ac-

Rollins College

accompanied by Chemistry 201. Prerequisite: high school chemistry or approval of department. High school physics is also desirable. *5 credits.*
Hellwege

201s. Qualitative Analysis

Principles of chemical equilibria. Chemical equilibrium applied to reactions in solutions. The separation and identification of the common anions and cations by semi-micro methods. Prerequisite: Chemistry 107 and Chemistry 111. Three class hours and two laboratory periods (three hours each) per week. *5 credits.*
Hellwege

202f-203w. Quantitative Analysis

Theory and technique of volumetry and gravimetry. Principles of instrumental analysis. Prerequisite: Chemistry 111 or Chemistry 107. Three class hours and two laboratory periods (three hours each) per week. *5 credits.*
Hellwege

311f-312w-313s. Organic Chemistry

One year course in the basic chemical principles and theories of the hydro-carbons and their derivatives. Qualitative organic analysis is included in the treatment of both subject matter and laboratory work. Three class hours and two laboratory periods per week. Prerequisite: Chemistry 107. *5 credits.*
Carroll

321s. Advanced Inorganic Chemistry

A descriptive and theoretical course based on the periodic classification of the elements, with emphasis on inorganic reactions and structure. Prerequisite: Chemistry 203. *5 credits.*
Hellwege

405f, 406w, 407s. Physical Chemistry

An elaboration of the principles of chemical behavior. Laboratory work up to six hours per week. Prerequisite: Physics 203, Calculus, and Chemistry 203 (or third year standing). *5 credits.*
Hellwege

413. Problems in Chemistry

Study of individual problems or special topics, depending upon the interests and preparations of the students. Use of chemical literature, experimental work, and preparation of reports are required. *5 credits.*
Carroll, Hellwege

417. Organic Preparations

Selected syntheses to illustrate useful methods of preparative organic chemistry. Prerequisite: Chemistry 313. *1 to 3 credits.*
Carroll

418. Inorganic Preparations

Selected syntheses to illustrate useful methods of preparative inorganic chemistry. Prerequisite: Chemistry 201. *1 to 3 credits.*
Hellwege

421f. Introduction to Biological Chemistry

Emphasizes the product used for food in growth and maintenance of the life processes. Includes a brief review of physico-chemical concepts and of reaction mechanisms. Prerequisite: Chemistry 313. *5 credits.*
Carroll

431f. Selected Topics in Organic Chemistry

A non-laboratory seminar treating such special topics as nitrogen heterocyclics, elements of chemotherapy, etc. Prerequisite: Chemistry 313.
4 credits. Carroll

Economics

KANE, PASTERNAK, ROMITA, WELSH

The program for majors in Economics usually includes the following:

- Principles of Economics (Econ. 211-212)
- Introduction to Statistical Methods (Bus. 208)
- Economic Analysis (Econ. 303)
- Money and Banking (Econ. 309)
- Public Finance (Econ. 306)
- Labor Problems (Econ. 321)
- International Trade (Econ. 305)

Three of the following:

- Economic Development of the United States (Econ. 243)
- History of Economic Thought (Econ. 327, 328)
- Current Economic Problems (Econ. 331, 332)
- Economic Projects (Econ. 491, 492, 493)
- Report Writing (Bus. 319)

Five additional courses in this or other departments must be selected with approval of the adviser. The following are recommended for consideration:

- Comparative Economic Systems (Econ. 422)
- Business Fluctuation (Econ. 431)
- Principles of Accounting (Bus. 204-205)
- Business Law (Bus. 322-323)
- Business Finance (Bus. 307)
- Principles of Marketing (Bus. 311)
- Business Management (Bus. 409)
- Courses in history, philosophy, political science, psychology, and sociology and anthropology.

109f. Consumer Problems of the Family

A study of economics from the consumer viewpoint. Family expenditures and personal finance. Standards of living, income distribution and demand. Relationships of economic institutions to consumer behavior.
5 credits. Romita

211f-212w; 211w-212s. Principles of Economics

Production, exchange, and income distribution in the modern economy. A foundation course for majors in Economics and Business Administration. 5 credits. Kane, Romita

243f; 243s. Economic Development of the United States

A survey of economic growth since Colonial times. Economic effects of the westward movement, immigration, and changes in population.

Rollins College

The rise of mass production and large-scale corporate enterprise. Evolving economic position of the United States in relation to other nations. *5 credits.* Kane

303s. Economic Analysis

The basic concepts in contemporary economics; demand, supply, cost, productivity, and the indifference analysis. Prerequisite: Economics 211-212. *5 credits.* Romita

305s. International Trade

A study of the general principles of international trade, promotion of foreign trade, trading organizations and methods, and various international practices in use throughout the world. Emphasis is given to the leading role played by the United States. *5 credits.* Romita

306s. Public Finance

Revenues and expenditures of the federal, state, and local governments. Repercussions of governmental expenditure and taxes upon individuals, business firms, and the entire economy. Implications of the national debt. Prerequisite: one course in Economics. *5 credits.* Kane

309w. Money and Banking

A study of money, types of currency, modern banking operations, and the nature and use of credit. Monetary and financial theory applied to business and government. Prerequisite: Economics 211-212. *5 credits.* Romita

321f. Labor Economics

The labor force, trends in employment, problems of unemployment, wages and hours, labor unions, labor disputes and methods of settlement, and the theory and practice of collective bargaining. Prerequisite: one course in Economics. *5 credits.* Kane

327w, 328s. History of Economic Thought

The development of economic thought, based upon reading and interpretation of standard works in economics. Prerequisite: Economics 211-212. *2 credits.* Romita

331f, 332s. Current Economic Problems

The application of economic analysis to problems of contemporary interest. Prerequisite: two courses in Economics. *2 credits.* Romita

422s. Comparative Economic Systems

The basic problems faced by all economic systems, and the special problems of authoritarian, competitive, and mixed economies. Prerequisite: two courses in Economics. *5 credits.* Kane

431f. Business Fluctuations

A study of business prosperity and depression. Theories accounting for changes in the level of business activity. Prerequisite: three courses in Economics. *5 credits.* Kane

Economics — Elementary Education

491f, 492w, 493s. Research Projects in Economics and Business

Independent research and reports on assigned topics. Prerequisite: permission of the instructor. *1 or 2 credits.* Kane, Romita, Welsh

Elementary Education

ANDERSON, EDWARDS, GRISWOLD, KELLER, PACKHAM, WEBBER

Students majoring in Elementary Education should take in their freshman or sophomore years at least one course from each of the following fields: Psychology, Geography, and Sociology. In addition, the general preparation requirements for teachers' certificates as found on page 49 must be started. Students should begin the foundation courses for a field of concentration outside of Education and take the two 200-level courses in Education.

In the junior and senior years the student should take at least six 300- and 400-level courses in Professional Education including the practical experience courses. All the specialization requirements should be completed. All general preparation requirements must have been met for the certificate. In addition, the student should take at least three 300- and 400-level courses in one field of concentration outside of Education. The practical experience courses, as well as Education 406, and Education 409, must be taken in the senior year.

PROFESSIONAL COURSES FOR ELEMENTARY AND SECONDARY SCHOOL TEACHING

204f. Child Development

The physical and psychological growth and development of the child from birth to adolescence, with emphasis on the school-age child's adjustment in school and home. Practical experience with children. To be taken in the first or second year. Prerequisite: Psychology 201. *5 credits.* Packham

233w; 233s. Social Basis of Education

An introductory course that includes education in its relation to society, introduces the most significant problems in the schools today, explores the history of the philosophy and principles of education, and studies teaching as a vocation. To be taken in the first or second year. *5 credits.* Edwards, Griswold

301. Sociological Foundations

Deals with the relation of education to the social trends, the historical development, and the emerging issues of our society, as these affect elementary, secondary and junior college programs. For students of the MAT program. *3 semester hours.* Edwards

304. Psychological Foundations

A study of human growth and development and of the best methods of learning as these affect elementary, secondary and junior college programs. For students of the MAT program. *3 semester hours.*

Burnett

Rollins College

324f. The Curriculum and School Organization

This course includes a study of curriculum planning and of school organization for both elementary and secondary schools. To be taken in the third year. Prerequisite: Education 233. *5 credits.* Griswold

351w. Adolescent Development

A study of the growth and development of adolescents in the school, the home, and the community. To be taken in the third or fourth year. Prerequisite: Psychology 201. *5 credits.* Packham

404s. Tests and Measurements

The interpretation and use of evaluative techniques for use in classrooms and schools. To be taken in the third or fourth year. *5 credits.* Packham

406f. Teaching in Elementary Schools

A course in the principles and methods of teaching and learning. For elementary teachers. Preparation for student teaching. To be taken in the fourth year. Prerequisite: Education 233 and Education 324 or consent of instructor. *5 credits* Griswold

407f. Teaching in Secondary Schools

A course in the principles and methods of teaching and learning. For secondary teachers. Preparation for student teaching. To be taken in the fourth year. Prerequisite: Education 233 and Education 324 or consent of instructor. *5 credits.* Packham

408f. Teaching in Junior Colleges

A course in the principles and methods of teaching and learning. For junior college teachers. Preparation for student teaching. Prerequisite: Education 233 and Education 324 or consent of instructor. For students of the MAT Program. *3 semester hours.* Edwards

409f. Reading in Elementary School

Objectives of a reading program for the elementary grades, with techniques of developing reading skills. To be taken in the fourth year. *3 credits.* Edwards

412-413. (fall, winter, or spring) Practice Teaching

A minimum of 160 clock hours of observation, and practice teaching in elementary or secondary public school, or in a junior college, distributed for sixteen weeks of two hours per day or eight weeks of four hours per day. To be taken concurrently with Education 417 in the fourth year. Prerequisite: Education 406, or 407, or 408 and consent of the instructor. *10 credits or 6 semester hours.* Edwards, Packham

414-415-416. (winter or spring). Internship and Special Methods

Eight weeks of all-day experience in an elementary or secondary public school, and three weeks of planning in the special field of secondary teaching or language arts methods for elementary teaching. To be taken in the fourth year. Prerequisite: Education 406, or 407, or 408. *15 credits* Griswold, Packham

Elementary Education

417f; 417w; 417s. Special Methods

A course that gives specific help in teaching materials, content, and techniques in the special field that the individual plans to teach. To be taken prior to or concurrently with Education 412-413. *3 credits.*

Edwards, Packham

SPECIALIZATION FOR ELEMENTARY SCHOOL TEACHING

310w. Physical Education in Elementary School

Organizing and conducting physical education program in elementary grades, including the principles of health education. May be taken in the sophomore year. *5 credits.*

Keller

316s. Instructional Materials

The selection and use of audio-visual materials in teaching; including children's literature and library materials. To be taken in the senior year. *5 credits.*

Griswold

317f. Music in Elementary Education

Content and methods of teaching music in the elementary grades. To be taken in the junior or senior year. *5 credits.*

Webber

318f. Art in Elementary Education

Content and method of teaching art in the elementary grades. To be taken in the junior or senior year. *5 credits.*

Anderson

319w. Science in the Elementary School

Content and methods of teaching science in elementary school. To be taken in the junior or senior year. *5 credits.*

Griswold

320s. Teaching Arithmetic

Content and methods of teaching arithmetic in the elementary grades. To be taken in the junior year. *3 credits.*

Griswold

325w. Social Studies for Elementary Schools

Content and methods of teaching social studies in the elementary grades. To be taken in the senior year (Not offered in 1962-63). *5 credits.*

Griswold

COURSES FOR ELEMENTARY TEACHERS IN SERVICE OR PURSUING MAT DEGREE PROGRAM

All of the courses listed below are offered primarily for elementary teachers in service or those pursuing the MAT degree program. To be admitted, the student must have the approval of the Director of the MAT Program, or be fully certified for elementary school teaching.

460. Laboratory in Elementary School Music

Scheduled only as demand justifies. Provides enriched content for teaching music in elementary grades 1-6. (1st sem., 2nd sem., summer) *3 semester hours.*

Staff

Rollins College

461. Laboratory in Elementary School Art

Scheduled only as demand justifies. Provides enriched content for teaching art in elementary grades 1-6. (1st sem., 2nd sem., summer)
3 semester hours. Staff

462. Laboratory in Oral and Written Communication for Elementary Teachers

Scheduled only as demand justifies. Provides opportunity for the teacher to improve her own ability to communicate effectively as well as to assist children in more effective, creative expression. (1st sem., 2nd sem., summer) 3 semester hours. Staff

463. New Content in Elementary School Mathematics

Scheduled only as demand justifies. Provides opportunity for the teacher to gain a knowledge of new content in mathematics now being incorporated in the elementary school program. (1st sem., 2nd sem., summer) 3 semester hours. Staff

464. New Content in Elementary School Science

Provides opportunity for the teacher to gain a knowledge of new content in science now being incorporated in the elementary school program. Scheduled only as demand justifies. (1st sem., 2nd sem., summer) 3 semester hours. Staff

465. Corrective Reading in Elementary and Secondary Schools

Technique of handling reading difficulties in the classrooms. Prerequisite: Education 409 or classroom experience. 3 semester hours. Staff

English

ADICKS, DEAN, DEWART, DORSETT, FOLSOM, GLASSER, GRANBERRY, HAMILTON, KOONTZ, MAHAN, MENDELL, SANDERLIN (on leave of absence, 1961-62), STALEY, STETLER, STOCK, WADNER.

In their second year all English majors should take the first three period courses: English Literature and Its Backgrounds (203, 204, 205).

In the third and fourth years the following courses are required of all English majors:

- Eighteenth Century (301)
- Nineteenth Century (332, and either 333 or 356)
- Plays of Shakespeare (317, 318, 319) two terms
- American Literature (303, 304)

In addition, each English major must take a minimum of three courses in one of the following fields of study:

- Development of the Drama (351, 352, and 363 or 364)
- The English Novel (355, 356, 365)
- Twentieth Century Literature (313, 363, 364, 365, 366)
- Creative Writing (367, 368, 369)

Elementary Education — English

101f-102w-103s. English Composition and Literature

A course in the basic principles of correct and effective expository writing and in the basic literary forms: essays, fiction, poetry, and plays. Must be taken in the first year. *5 credits.*

203f, 204w, 205s. English Literature and its Backgrounds

Fall—Old English and Middle English periods; winter—the Elizabethan and Cavalier Poets; spring—Milton and the writers of the Restoration. *5 credits.*
Dean, Dewart, Glasser

281f, 282w, 283s. Introduction to Literature

An intensive critical study of fiction, drama, and poetry, selected from the literature of various countries and various periods. The genre presented in each course will be selected at the discretion of the instructor. *5 credits.*
Dewart, Koontz, Staley

301f. Eighteenth Century

English literature from Swift to Burns, with special emphasis on the beginnings of the Romantic Movement and the ideas that have shaped the thinking of modern times. Prerequisite: two courses in literature. *5 credits.*
Mendell

306f, 306s. Advanced Grammar and Composition

A course designed to give prospective high school English teachers a thorough knowledge of grammar and basic writing techniques. Fulfills the state requirements for teacher certification. *5 credits.*
Staley

313w. Southern Folk Lore

A study of the fiction, poetry, and drama written by Southerners or reflecting the life in the South, and a consideration of the folk tales of the section in their relation to the literary media. *5 credits.*
Dean

317f, 318w, 319s. Shakespeare

A study of the major plays of Shakespeare. Fall—the early plays and sonnets; winter—the middle plays; spring—the late plays. *5 credits.*
Dean, Dorsett

332w. Nineteenth Century, Part I

A study of the literature and the leading ideas of the English Romantic Movement, with special emphasis on the poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. *5 credits.*
Stock

333s. Nineteenth Century, Part II

A study of the literature of England from 1850 to 1900. Special attention is given to the leading ideas of the period and to the work of Carlyle, Tennyson, Browning, Ruskin, and Arnold. *5 credits.*
Stock

351w, 352s. Development of the Drama

A survey of important plays from the Greeks to the mid-nineteenth century. In English 351 Greek drama is emphasized; in English 352, English and French. Emphasis on dramatic principles as an aid to enjoying the theatre. *5 credits.*
Mendell

355w, 356s. English Novel

The development of the novel in England into a major literary medium interpreting man's experience in life, both as an individual and as a

Rollins College

member of human society. Winter—Fielding, Smollett, Sterne, Austen, Scott; spring—Dickens, Thackeray, Trollope, Meredith, Hardy, 5 credits.
Mendell

363s. Twentieth Century Drama: European

From Ibsen to Ionesco, including Strindberg, Chekhov, Rostand, Lorca, Pirandello, and others. 5 credits.
Dorsett

364w. Twentieth Century Drama: British and American

From Shaw to Tennessee Williams, including Wilde, Galsworthy, Barrie, Coward, Fry, Yeats, Synge, O'Casey, O'Neill, Maxwell Anderson, Thornton Wilder, Odets, and others. 5 credits.
Dean

365f. The Twentieth Century English and American Novel

A study of twentieth century English and American fiction, including its roots in the nineteenth century, and a detailed analysis of the work of five representative contemporary novelists. Critical papers and oral reports. 5 credits.
Stock

366f. Twentieth Century British and American Poetry

A study of the important British and American poets of the twentieth century. 5 credits.
Folsom

367f, 368w, 369s. Creative Writing

A course in creative writing, conducted on the workshop plan. Weekly reading and criticism of manuscripts that are written outside class. 5 credits.
Granberry

391f, 392w, 393s. World Literature

Selected readings in English from the great literature of the Western world. Fall—the literature of Greece and Rome; winter—the literature of the Middle Ages and the Renaissance; spring—the literature of the seventeenth, eighteenth, and nineteenth centuries. 5 credits.
Hamilton, Folsom

403w, 404s. American Literature

A critical, historical survey of the forms and ideas shaping—and produced by—American writers and of the unique contributions of American literature as related to the literature of other countries. The course is designed to make the student a more critical and mature reader of American literature both past and present. It is strongly recommended that the course be taken no earlier than the senior year. Open to advanced non-majors by permission of the instructor. Winter—from the Colonial period to Whitman; spring—from Whitman to the present. 5 credits.
Hamilton

467f, 468w, 469s. Advanced Creative Writing

Prerequisite: English 367, 368, 369. Consent of the instructor is required. 5 credits.
Granberry

Foreign Languages

BANNER, COOKE, FISCHER, L. GLEASON, HARDEE, MARCOTTE, TRAPNELL, WRIGHT

A student majoring in French, German, or Spanish must take 45

English — Foreign Languages, French, German

credits of 300- or 400-level courses in the major field, and complete two years or its equivalent of a second foreign language. Students who plan to do graduate work are advised to take two or more additional courses in the major field.

French

101f-102w-103s. Elementary French

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill. *5 credits.* Marcotte, Trapnell

104f-105w-106s. Elementary French

For those students who did not score sufficiently high on the achievement test to be placed in the 201 sequence. This course has the same syllabus as the 101 sequence, but meets only three times per week. *3 credits.* Marcotte, Trapnell

201f, 202w, 203s. Intermediate French

Grammar review, conversation and intensive reading. Prerequisite: two high school units or their equivalent. *3 credits.* Hardee, Trapnell

204f, 205w, 206s. Intermediate Conversation and Composition

Intensive oral-aural training and composition. Designed primarily for students in French who intend to take courses beyond the 200-level. Prerequisite: two high school units or their equivalent. *2 credits.* Hardee

321f, 322w, 323s. Advanced Conversation and Composition

Advanced, intensive oral-aural training and composition. Prerequisite: one 200-level course (three terms) or its equivalent. *3 credits.* Marcotte

331f, 332w, 333s. The Seventeenth Century

Representative movements, authors, and works of the seventeenth century. Prerequisite: French 206 or its equivalent. *5 credits.* Hardee

401f, 402w, 403s. The Eighteenth Century

Representative movements, authors, and works of the eighteenth century. Prerequisite: French 333 or its equivalent. *5 credits.* Marcotte

405f, 406w, 407s. The Nineteenth Century

Representative movements, authors, and works of the nineteenth century. Prerequisite: French 333 or its equivalent. *5 credits.* Marcotte

409f, 410w, 411s. Contemporary French Literature

Representative movements, authors, and works of the contemporary period. (Offered in alternate years). *5 credits.* Marcotte

413f, 414w, 415s. Reading Seminar

The syllabus of this course will be determined by the areas of the students' literary interests. Prerequisite: French 333 or its equivalent. *2 credits.*

417f. Methods in Teaching Foreign Languages

A course in methodology designed for future teachers. *2 credits.* Banner

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499. Honors Course in French

Prerequisite: permission of the department and the Honors Committee.
2 to 5 credits.

German

101f-102w-103s. Elementary German

Beginners' course. Phonetics, elementary grammar, reading, translations, vocabulary building, and simple conversation. Students should acquire good reading ability and fair speaking and writing knowledge of the language. *5 credits.* Fischer

201f, 202w, 203s. Intermediate German

Review of grammar and syntax; composition; conversation about everyday topics; reading of German masterpieces; special consideration of the economy, geography, and history of Germany and German-speaking countries. Prerequisite: German 103 or its equivalent. *3 credits.* Fischer

204f, 205w, 206s. Intermediate Conversation and Composition

Intensive oral-aural training and composition. Designed primarily for students in German who intend to take courses beyond the 200-level. Prerequisite: German 103 or its equivalent. *2 credits.* Fischer

251f, 252w, 253s. Scientific German

Prerequisite: German 103. *2 credits.* Fischer

301f, 302w, 303s. Advanced German

Systematic study of German history and civilization, combined with a study of the outstanding masterpieces of German literature. Advanced composition and conversation. Students are expected to acquire fluency in speaking and writing German. The course is conducted entirely in German. Prerequisite: German 203 or its equivalent. *5 credits.* Fischer

401f, 402w, 403s. German Civilization and Literature: Middle Ages and Classics

A study of the civilization and literature of German-speaking countries: Sagen and Dichtung des Mittelalters, die deutschen Klassiker. The course is conducted in German. Prerequisite: German 303 or its equivalent. *2 to 5 credits.* Fischer

404f, 405w, 406s. German Civilization and Literature: Romantic and Modern

A study of the civilization and literature of German-speaking countries: Romantik and Neuzeit, das deutsche Drama. The course is conducted in German. Prerequisite: German 303 or its equivalent. *2 to 5 credits.* Fischer

Russian

101f-102w-103s. Elementary Russian

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill. *5 credits.* Silins

Foreign Languages, German, Russian, Spanish

201f, 202w, 203s. Intermediate Russian

Grammar review, conversation, and intensive reading. Prerequisite: two high school units or their equivalent. *3 credits.* Silins

Spanish

101f-102w-103s. Elementary Spanish

The basic grammatical structure of the language. Phonetics, together with intensive oral-aural drill. *5 credits.* L. Gleason, Wright

104f-105w-106s. Elementary Spanish

For those students who did not score sufficiently high on the achievement test to be placed in the 201 sequence. This course has the same syllabus as the 101 sequence, but meets only three times per week. *3 credits.* Cooke, L. Gleason, Wright

201f, 202w, 203s. Intermediate Spanish

Grammar review, conversation, and intensive reading. Prerequisite: two high school units or their equivalent. *3 credits.* Cooke, L. Gleason, Wright

204f, 205w, 206s. Intermediate Conversation and Composition

Intensive oral-aural training and composition. Designed primarily for students in Spanish who intend to take courses beyond the 200-level. Prerequisite: two high school units or their equivalent. *2 credits.* Banner

321f, 322w, 323s. Advanced Conversation and Composition

Advanced, intensive oral-aural training and composition. Prerequisite: one 200-level course (three sessions) or its equivalent. *3 credits.* L. Gleason

331f, 332w, 333s. Survey of Spanish Literature

Representative movements, authors, and works from early times to the contemporary period. Prerequisite: Spanish 206 or its equivalent. *5 credits.* Banner

401f, 402w, 403s. The Golden Age

Representative authors and works of the Golden Age. The spring session is devoted to Cervantes. Prerequisite: Spanish 333 or its equivalent. *5 credits.* Banner

405f, 406w, 407s. The Nineteenth Century

Representative movements, authors, and works of the nineteenth century. Prerequisite: Spanish 333 or its equivalent. Offered in alternate years. *5 credits.* Banner

409f, 410w, 411s. The Generation of 1898 to the Present

Representative movements, authors, and works from the Generation of 1898 to the present. Prerequisite: Spanish 333 or its equivalent. Offered in alternate years. *5 credits.*

413f, 414w, 415s. Reading Seminar

The syllabus of this course will be determined by the areas of the students' literary interests. Prerequisite: Spanish 333 or its equivalent. *2 credits.* Banner

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417f. Methods in Teaching Foreign Languages

A course in methodology designed for future teachers. *2 credits.* Banner

419f, 420w, 421s. Survey of Spanish American Literature

Representative movements, authors, and works from early times to the contemporary period. Prerequisite: Spanish 206 or its equivalent. *5 credits.*

499. Honors Course in Spanish

Prerequisite: permission of the department and the Honors Committee. *2 to 5 credits.*

General Science

CARROLL, HELLWEGE, LOVEJOY, ROSS, SAUTÉ, SHOR, THOMAS, VESTAL, WAVELL

A student who wishes to gain broad training in science may take a major in General Science. The primary purpose of this course is to satisfy the needs of those who plan to teach science or to enter the business side of technical industries. This major leads to a Bachelor of Arts degree.

In his first two years the student should take the first-year courses in Biology, Chemistry, and Physics, and should have had mathematics through trigonometry.

In the third and fourth years the student should take at least seven additional 5-credit courses in Science, of which at least three should be 300- or 400-level courses, and at least five 300- or 400-level courses in another department or division.

Geography

MOMSEN

201f. World Regional Geography

An introduction to the major physical and cultural regions of the world. *5 credits.* Momsen

302w. Geography of the U.S.S.R.

Besides being a study of the physical and cultural geography of the Soviet Union, this course is designed to acquaint the student with the regional approach to geographic analysis. Prerequisite: Geography 201 or consent of instructor. Offered in alternate years. (1962-63). *4 credits.* Momsen

303s, 304s. Geography of Latin America

A study of the physical, cultural, and economic geography of Latin America. In order to provide a more thorough approach, one half of the area is dealt with in alternate years: 1962-63 will take up Brazil and Argentina, 303; Northern and Western Spanish America, 304 will be studied in 1963-64. Prerequisite: Geography 201 or Area Studies 211-212-213. *4 credits.* Momsen

**Foreign Languages, Spanish — General Science —
Geography — Geology**

311f, 312f. Elements of Physical Geography

A more advanced and detailed treatment of the physical phenomena of world geography than could be offered in the introductory course. In order to provide a more thorough approach, one half of the topic is dealt with in alternate years: 1962-63 will offer 312, geomorphology and soils; 1963-64 will take up 311, climate and vegetation. *5 credits.*

Momsen

321s. Geography and World Affairs

An examination of world political and economic patterns in the light of the natural environment, cultural differences, and spatial relations. Particular emphasis is placed on the respective roles of the Western, Communist, and uncommitted national blocks. Prerequisite: at least one prior geography course, or consent of the instructor. *5 credits.*

Momsen

352w-353s. Geographic Mapping and Techniques

This course is designed for advanced students in either the physical or social sciences who may wish to gain a basic theoretical and practical knowledge of geographic work. Laboratory periods will be devoted to map making, airfoto interpretation, and field trips, culminating in a research project to be prepared by each student. Although not required, it is suggested that this course be preceded in the fall by Geology 351 (Geologic Mapping). Prerequisite: consent of the instructor. *3 credits.*

Momsen

401s. Field Trip to Latin America

The Latin American Area Studies Program conducts an annual field trip, usually between winter and spring terms, to some part of Latin America. Well-suited to the intellectual and practical advancement of the student who has demonstrated a capacity to carry out geographic work, participation may be arranged on the recommendation of Professor Momsen. *Credits to be arranged.*

Geology

LOVEJOY, REGNIER

A student majoring in Geology should take all the courses listed below and a one-year course in general chemistry. In addition, a summer field course is strongly recommended. If graduate work is contemplated, the student should take General Physics or General Biology, Mathematics through the Calculus, and acquire a reading knowledge of German, French, or Russian.

101f-102w-103s. General Geology

A survey of physical and historical geology. A study of minerals and rocks, processes that shape the earth, and the geologic history of the earth and its inhabitants. Class discussions, laboratory work, and field trips. A course in General Chemistry is desirable but not prerequisite to the course. *5 credits.*

Lovejoy, Regnier

Rollins College

204f. General Mineralogy

A survey of the fields of mineralogy and crystallography. The origin, conditions of occurrence, and economic significance of minerals. Class discussions and laboratory work. Prerequisite: Geology 103. *5 credits.*
Regnier

205w. General Petrology

A survey of the field petrology. The origin, conditions of occurrence, and economic significance of rocks. Class discussions and laboratory work. Prerequisite: Geology 204. *5 credits.*
Regnier

206s. Structural Geology

A survey of the structural features of the earth, with emphasis on their origin and conditions of occurrence. Class discussions and laboratory work. Prerequisite: Geology 205. *5 credits.*
Regnier

301f. Economic Geology

A study of metallic and non-metallic mineral deposits. Geological occurrence, methods of exploration and development, smelting and refining, history and uses, world importance, problems of valuation and appraisal. Class discussions and laboratory work. Prerequisite: Geology 103. *5 credits.*
Regnier

303s. Economic Geology

A survey of petroleum and mineral fuels. The geology, exploration, development, processing and refining, and marketing of petroleum, coal, and other mineral fuels. World importance and problems of valuation and appraisal. Prerequisite: Geology 103. *5 credits.*
Regnier

312w. Paleontology

A survey of the forms, classification, and geologic history of groups of organisms found as fossils, with emphasis on the more common fossils that are useful in determining the age of the sedimentary rocks in which they are found. A course in General Biology is desirable but not a prerequisite. Class discussions and laboratory work. Prerequisite: Geology 103 or General Biology. *5 credits.*
Lovejoy

313s. Stratigraphic Geology

The processes and environments of sedimentation. Properties and classification of sedimentary rocks. Interpretation of the stratigraphic record from the rocks with respect to their characteristics and fossils to determine the past history of the earth. Class discussions and laboratory work. Prerequisite: Geology 312. *5 credits.*
Lovejoy

351f. Geologic Mapping

Construction of a base map by plane table methods. Construction of a geologic map and cross sections in an area of moderately complicated structure. Class discussions, laboratory work, and field trips. Prerequisite: permission of the instructor. This course is followed by Geography 352 and 353, which are strongly recommended for students majoring in Geology. *3 credits.*
Lovejoy

Geology — Government and History

451. Seminar in Geology

Open to students who have completed the basic courses in geology and wish to do advanced work in a field that is of special interest to them. Prerequisite: permission of the instructor. *1 to 3 credits.*

Lovejoy, Regnier

Government and History

BRADLEY, DOUGLASS, DRINKWATER, HANNA, SMITH

Students majoring in Government and History must take a minimum of 60 credits in their major field, at least 15 of which will be 100-level courses. It is recommended that majors elect their courses in the following sequence: History 112, 113, 114; 331, 332, 333, or 341, 342, 343, electing the remaining courses in Government or History. Those specializing in Government must take at least 30 credits in Government and the remaining 30 in the field of History.

201f; 201s. Principles of Government

An introduction to the nature of the state and the behavior of political man with emphasis on responsible citizenship, approached through the study of classics from Plato through Jefferson and the major thinkers of the American democratic tradition. Value systems as articulated through the political process. Emphasis on principles and concepts. Prerequisite for further studies in government. *5 credits.*

Douglass

205f, 206w, 207s. Major Issues of Our Times

A forum for the development of informed attitudes and responsibilities, approached through a discussion of contemporary problems selected to encourage on-going citizen concern. Distinguished lecturers; readings in mass media; writing of a journal; pro and con memorandums; position papers. *2 credits.*

Departmental Staff

337w. Comparative Government

Representative types of political institutions in major national states are studied. Prerequisite: Government 201. Offered in alternate years. (1963-64) *5 credits.*

Douglass

347f. American National Government

Study of the constitutional structure, functioning, interstate relationships, and value issues in the federal system. Prerequisite: Government 201. *5 credits.*

Douglass

348w. State and Local Government

Organization and functioning of state, county, and municipal government with emphasis on effective citizen participation. Special attention to evolving regionalism and the government and politics of Florida. Prerequisite: Government 201. *5 credits*

Douglass

361w. American Foreign Relations

Diplomatic history of the United States from Colonial days to the 1960's. Prerequisite: Government 201 or a course in American or European History. Offered in alternate years (1962-63) *5 credits.*

Douglass

Rollins College

390f, 391w, 392s, and 393 (Summer) Practicum in Politics

Combined seminar, laboratory, and field work program designed to develop a mature understanding of the political process and skill in the exercise of responsible citizenship through activity in political parties. Supervised summer projects and internships. *Summer credits determined by nature of project.* Program conducted under a grant from the Maurice and Laura Falk Foundation. Prerequisite: Government 201. 2 credits.

Douglas and Staff

457w. International Organization

Practice and institutional arrangements among sovereign states for carrying out their national interests, for the pursuit of welfare, and for national security. Attention to regional arrangements, functional agencies, and the United Nations. Prerequisite: Government 201. Offered in alternate years. (1962-63) 5 credits.

Douglass

458s. International Law

The rights, obligations, and relationships of national states in their intercourse with one another. Prerequisite: Government 457 or consent of the professor. Offered in alternate years. (1962-63) 5 Credits

Douglass

490f, 491w, 492s. Political Theory

Ideas about the structure and purpose of political society as expressed by representative thinkers from Greece to the 1960's. Supervised reading tutorial. 2 credits.

Departmental Staff

499. Independent Program

An offering to enable especially competent students to carry forward independently, but under close faculty inspection, projects involving research and original inquiry. *Credits determined by nature of project.*

Douglass and Staff

History

112f, 113w, 114s. History of Western Civilization

History of western civilization from prehistoric times to the present. The first term is devoted to a survey of the civilizations of the ancient Near East, Greece and Rome. The second term covers the period from the fall of Rome to the Renaissance. The third term is a survey of the history of European civilization from the Renaissance to the present day. 5 credits.

Bradley, Drinkwater, Smith

331f, 332w, 333s. Modern European History

Modern European history from the Renaissance to the present day. The first term covers the Renaissance, the Reformation, and the age of absolutism to the death of Louis XIV. The second term presents a study of the revolutionary period from 1715 to 1870. The third term is a study of the subsequent and contemporary history. Prerequisite: History 114. Open by special permission for graduate study. 5 credits.

Drinkwater, Smith

341f, 342w, 343s; 342f, 343w, 341s. History of the United States

History of the United States from the discovery of America to the present day. The first term is devoted to a study of the colonial period,

Government and History — History — Human Relations

1492-1783. The second term is a study of the period before the Civil War, 1783-1861. The third term is devoted to recent American history, since 1861. Prerequisite: History 114. Open by special permission for graduate study. *5 credits.* Bradley, Smith

359w, 360s. Spain and the Spanish Empire

Spain and the Spanish Empire from prehistoric times to the present. The first term covers the period of ancient and medieval Spanish history through the modern period to the decline of the Spanish Hapsburgs. The second term covers the period of modern history from the accession of Philip V to the present. Prerequisite: History 112, 113, 114. Open by special permission for graduate study. *5 credits.* Smith

412s. History and Historical Writing

A study of the tradition of European and American historical writing. Selections from the works of great historians, relationship of the historian and his environment, and analysis of the philosophical and critical problems of writing history. Open by special permission for graduate study. *5 credits.* Drinkwater

Human Relations

BRADLEY, DARRAH, DEGROOT, DOUGLASS, DRINKWATER, FELTON, HANNA, KANE, PACKHAM, ROMITA, SMITH, STONE, WAITE

The Human Relations major provides a group program in the related departments of Sociology and Anthropology, Economics, History and Government, Education, Psychology, Philosophy, and Religion. It is intended for the student who wishes to avoid early concentration in any one field while exploring new areas of knowledge, or who desires a broader perspective on human relations studies as a whole than is offered by a departmental major, or who needs time before making a decision that will affect his future life. Transfers from this group program to departmental majors or joint majors involving two departments are encouraged. With careful planning such transfers may be made without any loss of time.

This program requires that the student study during his first two years Sociology and Anthropology 201 and 202, Psychology 201, a 200-level course in Economics, a course in History or Government, and one in Philosophy or Religion.

For the third and fourth years the student should plan a program that will include a minimum of fifty-five term hours in the departments participating in this program. This plan should include within these fifty-five hours a minimum of four courses in one department plus an independent reading and/or research project in the department of concentration. In connection with this independent project the student must take, either previously or concomitantly, the course in Research Methods in the Behavioral Sciences.

To provide encouragement toward understanding the basic concepts of social science and human values, and as a guide to the stu-

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dent and his major professor, a written integrating examination is required of a Human Relations major at the end of his junior year. On the basis of the results of this examination, the work of the student during the senior year is planned in the best interest of his education.

Mathematics

BOWERS, LOVELL, SAUTÉ, WOLFE

A student majoring in Mathematics must earn a minimum of 45 credits in mathematics, at least 7 of which must be from the 400-level courses.

In addition, it is recommended that the student complete at least one two-year sequence of physical or biological science course.

If graduate work is contemplated, the student should take courses that will equip him with a good reading knowledge of German or French.

111f, 112w; 111w, 112s. Principles of Mathematics

A modern introduction to mathematics, replacing the conventional college algebra and trigonometry. Main topics include logic, the number system, groups, fields, sets, functions, (algebraic, trigonometric, exponential, and logarithmic); and concepts underlying analytic geometry and calculus. *5 credits.*

Staff

113f; 113s. Mathematics of Sets, with applications

An introduction to set theory, which is essential for understanding most parts of modern mathematics. The subject is valuable for students of the natural and social sciences. Main topics include algebra of sets, partitions, classifications, mathematical systems, algebraic structures, applications to probability, genetics, switching network design, etc. Prerequisite: Mathematics 111 and 112, or consent of the instructor. *5 credits.*

Staff

211f, 212w, 213s. Plane Analytic Geometry and The Calculus

Work with co-ordinate systems, graphs, and geometry and the straight line and conic sections. Methods of differentiation and integration with application to physical problems and geometry. Prerequisite: Mathematics 111 and 112 or four years of high school mathematics. *5 credits.*

Sauté, Wolfe

307f-308w-309s. Mechanics

Fundamentals of mechanics, including kinematics, Newton's laws of motion, energy, gravitation, harmonic oscillations, rigid bodies, elasticity, statics, and wave motion. Mathematical and vector analysis developed as needed. Selected experiments. Prerequisite: Physics 203 and Mathematics 213. *2 credits.*

Ross, Thomas

311f, 312w. Solid Analytic Geometry and Intermediate Calculus

Fall—The analytic geometry of space; winter—partial derivatives, multiple integrals, infinite series. Prerequisite: Mathematics 213. *5 credits.*

Bowers

313s. Differential Equations

The classification, solution, and application of various equations involving not only variables, but also the derivatives of these variables. Prerequisite: Mathematics 312. 5 credits. Bowers

406s. Mathematical Statistics

Mathematical and empirical tables, and probability. Topics form the mathematical theory of statistics, such as measures of dispersion, curve fitting, statistical correlation, and random sampling. Prerequisite: Mathematics 213. Offered in alternate years. 5 credits. Staff

431f, 432w, 433s. Advanced Calculus

Convergence, continuity, partial derivatives, functions of several variables, multiple integrals, and infinite series including Fourier Series. Prerequisite: Mathematics 313. 3 credits. Bowers

434w. Partial Differential Equations

Extension of work in Mathematics 313 (Differential Equations) to functions of more than one variable. Prerequisite: Mathematics 313. 5 credits. Bowers

435f, 436w, 437s. Foundations of Mathematics

A survey of the most important concepts and methods employed in modern mathematics, with an account of their historical origins. Main topics include mathematical reasoning, the revolutions in geometry and algebra, postulation method, the real and complex number systems, algebraic structures, set theory, and philosophies of mathematics. Prerequisite: Mathematics 213. 2 credits. Staff

Music

A. CARLO, CARTER, C. GLEASON, HORSZOWSKI, HUFSTADER, MOORE, ROSAZZA, WEBBER, WILSON

For the Bachelor of Arts candidate with a major in Music approximately two-thirds of the work taken will be in courses other than music. This same plan, in general, is carried out over the four-year period.

Students are expected to elect their major in Music upon entrance to the College. A definite amount of prerequisite work is necessary in one field of applied music. This varies with the major subjects (voice, choral conducting, piano, violin, organ, etc.)

In the freshman and sophomore years the student must complete satisfactorily two years of theoretical music. In addition, the student receives two private lessons a week, with a minimum of two hours a day practice, in his chosen field of applied music (voice, piano, etc.). Examinations of technical and musical progress will be given at the end of the freshman and sophomore years.

The candidate for the degree must have made satisfactory achievement in the study of the history of music, solfeggio, and ear training,

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and have participated in ensemble and repertoire groups. Participation in and attendance at student recitals is required, and one full recital program must be given, to which the public is invited.

In addition to the applied and theoretical music in the junior and senior years, a student may elect two correlated subjects each term.

The courses for Music majors are listed under Conservatory of Music. (See page 105).

101f, 102w, 103s. Introduction to Music Literature

A course designed to introduce the student to the widely varying styles, forms, and compositional techniques in the history and development of the art of music. Required of all music majors in the freshman year. Open to non-major students with consent of instructor. *1 credit.*

Carlo

104f, 105w, 106s. Harmony

Presentation of the elements of music and their combination in simple and complex melodic and chordal structures; dissonance, diatonic, and chromatic, together with simple formal organization. Special emphasis on chorale style of J. S. Bach. Consent of the instructor is required. *3 credits.*

Carter

107f, 108w, 109s. Sight-Singing and Dictation

The singing of progressively graded material stressing melodic and harmonic values. Study of meter. Development of skill in rhythmic and melodic dictation, with special emphasis on harmonic and contrapuntal hearing. Aural analysis of music literature selected from examples of the eighteenth century to the present. *2 credits.*

Hufstader

111f-112w; 111w-112s. Fundamentals of Music

A course in rudiments, terminology, and knowledge of the keyboard. Prerequisite for students taking applied music who have had little or no previous training. With permission of the instructor may be taken simultaneously with Applied Music. *1 credit.*

Hufstader

127f-128w-129s. Vocal Workshop

A laboratory workshop dealing with the fundamentals of voice production and the basic principles of singing. Required of all beginning voice students. Students not majoring in voice must obtain consent of instructor. *1 credit.*

Rosazza

147f, 148w, 149s. A Survey of Recorded Music

A course designed to acquaint the student with the finest of recorded music. Emphasis is placed upon listening. *1 credit.*

Carter

184f, 185w, 186s. String Class Instruction

A course designed to provide elementary training in playing string instruments. Emphasis is placed upon ensemble experience, leading to the benefits and enjoyment of group participation. *1 credit.*

Carlo

214f-215w-216s. Advanced Harmony

Advanced study of the materials of 104, 105, 106. Consent of the instructor is required. *3 credits.*

Carter

Music

217f-218w-219s. Advanced Sight-Singing and Dictation

Advanced study of the materials of 107, 108, 109. Consent of the instructor is required. *3 credits.* Carlo

224f-225w-226s. History of Music

The study of the development of music from primitive times to the present. Correlation with general history; recordings, illustrative materials, and supplementary outside reading. Consent of the instructor is required. *3 credits.* Carlo

227f-228w-229s. Song Repertoire

A studio course designed to enrich the voice student's repertoire and to stimulate his progress through research, analysis, and performance. Required of all majors. Prerequisite: Music 127-128-129. *1 credit.*

Rosazza

284f, 285w, 286s. String Class Instruction

Intermediate level. Prerequisite: Music 183 or its equivalent. *1 credit.* Carlo

327f. Survey of German Lieder

Consent of the instructor is required. *1 credit.*

Carter

328s. Survey of Beethoven Pianoforte Sonatas—Part I

Consent of the instructor is required. *1 credit.*

Moore

329s. Survey of Beethoven Pianoforte Sonatas—Part II

Consent of the instructor is required. *1 credit.*

Moore

337f. Oratorio Analysis

Major choral works to be performed at the Bach Festival will be studied in detail. *1 credit.*

Hufstader

339s. Survey of Chamber Music

Consent of the instructor is required. *1 credit.*

Carlo

347f, 348w, 349s. Survey of Recorded Music

A course designed to acquaint the student with the finest of recorded music in various media. Emphasis is placed on listening. Prerequisite: Music 147, 148, 149. Consent of the instructor is required. *1 credit.*

Carter

357f, 358w, 359s. Choral Music Survey

Fall—Gregorian chant and liturgy; winter—medieval music up to 1500; spring—Renaissance music. Consent of the instructor is required. *1 credit*

Hufstader

377w. Survey of Piano Literature of the Nineteenth Century

Piano literature by composers from Schubert to Faure. Consent of the instructor is required. *1 credit.*

Moore

378s. Piano Literature of the Twentieth Century

European and American piano literature of the twentieth century. Consent of the instructor is required. *1 credit.*

Wilson

379f. The Keyboard Works of J. S. Bach

Analysis of the polyphonic forms for the keyboard, including the *Two*

Rollins College

Part Inventions, Three Part Sinfonias, The Well-Tempered Clavichord, and large works in suite form. Consent of the instructor is required.
1 credit. Carter

457f, 458w, 459s. Choral Music Survey

Fall—eighteenth century (Bach, Handel, and contemporaries); winter—nineteenth century (Brahms, Schubert, Mozart, etc.); spring—contemporary choral music. Consent of the instructor is required. *1 credit.*

Hufstader

181f-182w, 183s. Applied Music (Private Instruction)

Students not majoring in music may register for private instruction in applied music with permission of the instructor. It must be taken in connection with or subsequent to Music 111-112. *1 or 2 credits* with permission of the instructor.

Staff

281f, 282w, 283s. Applied Music (Private Instruction)

1 or 2 credits.

381f, 382w, 383s. Applied Music (Private Instruction)

1 or 2 credits.

481f, 482w, 483s. Applied Music (Private Instruction)

1 or 2 credits.

Rollins Chapel Choir

The Rollins Chapel Choir is open to all qualified students. *2 credits.*
Hufstader

The Rollins Singers (Collegium Musicum)

This singing group is open to all qualified students. *1 credit.*

Hufstader

Philosophy

DARRAH, STONE, WAVELL

A student majoring in Philosophy should study in the freshman and sophomore years:

A Survey of the Problems of Philosophy (203)

Introduction to Logic (223)

The History of Early and Medieval Western Philosophy (201)

History of Modern Philosophy (202)

Ethics (221)

In the third and fourth years he should take 25 credits of 300- or 400-level courses in philosophy.

The Philosophy major is urged to make as wide a selection in related courses as possible in consultation with the adviser. The specific courses he chooses will depend upon the area of his special interest in philosophy.

201f. History of Ancient and Medieval Philosophy

The development of philosophy from early Greek philosophy to the Renaissance. Special emphasis will be given to the concepts which have

Music — Philosophy

molded Western thinking in Democritus, Socrates, Plato, Aristotle, the Stoics, Augustine and St. Thomas Aquinas. *5 credits.* Stone

202w. History of Modern Philosophy

The development of philosophy from the Renaissance to Hegel. Special attention will be given to the empiricals (Locke, Berkely, and Hume), to the rationalists (Descartes and Leibnitz), and to Kant. *5 credits.*

Wavell

203s. Introduction to Types of Philosophy

A comparison of several points of view in philosophy in terms of issues of continuing importance. Emphasis is placed upon methods from unifying individual beliefs. *5 credits.* Stone

203f-204w-205s. Introduction to Types of Philosophy

A comparison of several points of view in philosophy in terms of issues of continuing importance. Emphasis is placed upon methods from unifying individual beliefs. *2 credits.* Stone

221s. Ethics

A study of various insights into the nature of wisdom and goodness and their effectiveness as guides for human attitudes and actions. *5 credits.* Wavell

222s. Applied Logic

A study of some logical techniques in the analysis of written and spoken discourse. (1963-64) *5 credits.*

223f-224w-225s. Introduction to Logic

A course in the theory of logic. Emphasis is placed upon contemporary developments in logic that tend to encourage analytical habits of reasoning. *2 credits.* Wavell

305w. Plato

A study and discussion of the principal Platonic dialogues and their influence upon western thought. Alternates with Philosophy 308. (1962-1963) *5 credits.* Stone

307f. Philosophy of Religion

A study of the philosophical problems posed by religious experience, values and claims to knowledge. This will include an examination of the arguments for and against the existence of God and of the main theories of God's nature. *5 credits.* Wavell

308w. Philosophy of Science

A non-technical study of the development of scientific concepts from Galileo to the present day. Emphasis is placed on the philosophical and cultural consequences of these ideas. (1963-64). *5 credits.* Stone

309s. Aesthetics

A study of aesthetic experience. In the light of knowledge already gained, an attempt is made to establish a basis for judgment. (1963-64) *5 credits.* Stone

Rollins College

310f-311w. Scientific Concepts and Methods

A critical discussion of the presuppositions, methods and principal concepts employed in the science. Except for Science majors, a preliminary course in Philosophy is advised. *3 credits.* Wavell

343s. Philosophy of the Recent Past

The development of philosophy after Hegel up to the present time. Special attention will be given to Neo-Kantianism, French positivism, pragmatism, existentialism, logical positivism, American and British realism, and analytical philosophy. *5 credits.* Wavell

401f, 402w, 403s. Seminar in Philosophy

Specific topics for study are chosen upon consultation with the class. For majors and those students who have had at least three courses in Philosophy. Alternates with Philosophy 404, 405, 406. (1963-64) *2 credits.* Stone, Wavell

404f, 405w, 406s. Directed Individual Study

Study and discussion of selected topics in Philosophy. The program of study is planned by the instructor with each student. Alternates with Philosophy 401, 402, 403. (1962-63) *1, 2, or 3 credits.*

Stone, Wavell

491f-492w(493s.) (Senior Course) Synthesis and the Value Vectors of Our Heritage

A course designed to equip students with the tools for solving many of life's important problems better through understanding the viewpoints of others. In a sense this course attempts to integrate and bring together the several diverse parts of a liberal education. Students compare and contrast the methods of dealing with problems in the areas of Natural Sciences, the Social Sciences, and the Humanities. The course concentrates on methods of inquiry and analyses of typical problems in these several areas, with emphasis on critical thinking and the formation of value judgments. Open only to selected juniors and seniors. *3 credits.*

Darrah, Stone

Physical Education

ARTHUR, COPELAND, JUSTICE, NYIMICZ, PEEPLES, VARNER, WHITMIRE

All students should have a physical examination each year. No student may enter any activity for which he is not physically fit.

The directors of Physical Education and the College physicians have daily office hours when they may be seen for consultation.

The following courses are vocational in nature; only those students planning to coach and teach should register for them.

362w. Principles of Physical Education

Designed to give the student an understanding of the basic principles and objectives underlying physical education activities. It is intended to prepare the student to evaluate methods and practices in light of valid principles. (1963-64) Alternates with Physical Education 372. *5 credits.*

Staff

Philosophy — Physical Education

363f, 364w, 365s. Coaching of Football (Fall), Basketball (Winter), and Baseball (Spring).

Fundamentals in theory and practice of coaching. A survey is made of the principal offensive and defensive team maneuvers. (1963-64)
3 credits. Staff

372w. Teaching Physical Education in the Secondary School

Methods and material, with opportunities for observation and practice teaching. Prerequisite: Physical Education 362. 5 credits. Staff

374w. Administration of Interscholastic Athletics (Junior and Senior High School)

A study of the problems involved in the administration of inter-school athletic competition, including tournaments, facilities, office management, personnel problems, finances, and public relations. (1962-63) 5 credits. Staff

PHYSICAL EDUCATION FOR MEN

Equipment

Each student in Physical Education is expected to supply his own uniform and such equipment as he may need. The College will furnish all necessary playing equipment for intramural activities except tennis and golf.

Courses

The courses listed below cover instruction in the approved activities:

101Mf, 102Mw, 103Ms. First Year Course

201Mf, 202Mw, 203Ms. Second Year Course

Activities for Men

The following activities are open to men students whose physical examinations show that their health permits participation. Activities may be added or withdrawn at the discretion of the Director of Physical Education and the Dean of the College.

Fall term: basketball, crew, golf, sailing, soccer, swimming, tennis, water-skiing, archery, modern dance, and life-saving.

Winter term: baseball, basketball, canoeing, crew, golf, sailing, tennis, social dance, square dance, archery.

Spring term: baseball, crew, diving, golf, life-saving, sailing, swimming, tennis, water-skiing, archery, modern dance, Red Cross life-saving and Instructors' Course.

Competitive Intramural Activities: basketball, crew, flag football, golf, softball, swimming, tennis, volleyball, and other sports.

Freshmen and sophomores must register for instruction in physical education classes in such individual sports as golf, tennis and swimming—activities that can be carried on after college. All students must pass the Rollins swim test during the fall term of their freshman year or register for swimming instruction.

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PHYSICAL EDUCATION FOR WOMEN

Equipment

Each entering woman is required to purchase regulation College uniforms and such equipment as may be needed. The College will furnish all necessary equipment for intramural activities except tennis and golf.

Courses

The courses listed below cover instruction in the approved activities:

101Wf, 102Ww, 103Ws. First Year Course

201Wf, 202Ww, 203Ws. Second Year Course

301Wf, 302Ww, 303Ws. Third Year Course—Elective

401Wf, 402Ww, 403Ws. Fourth Year Course—Elective

Activities for Women

The following activities are open to women students whose physical examinations show that their health permits participation. Activities may be added or withdrawn at the discretion of the Director of Physical Education and the Dean of the College.

Fall term: aquatics (sailing, swimming, tarpon, life-saving, water-skiing), archery, basketball, golf, tennis, modern dance, square dancing.

Winter term: aquatics (canoeing, sailing), archery, dancing (folk and square, social), golf, softball, tennis.

Spring term: aquatics (diving, life-saving, sailing, swimming, tarpon, water-skiing), archery, golf, tennis, volleyball, modern dance, Red Cross life-saving and Instructors' Course, square dancing.

Freshmen and sophomores must take part each term in at least one of these activities and are expected to show accomplishment in:

1. One individual sport: choice of tennis, golf, archery, water-skiing.
2. One team sport: choice of basketball, volleyball, softball.
3. One term's work in dancing: choice of folk and square dancing, modern dancing, social dancing.
4. Swimming. All students must pass the Rollins swim test during the fall term of their freshman year or register for swimming instruction.

Juniors and seniors may elect activities after freshmen and sophomores have completed their registrations each term.

Physics

ROSS, THOMAS

A student majoring in physics must take Physics 307-308-309, 311, 314-315-316 and 317-318, and Chemistry 105-106-107. He

Physical Education — Physics

should complete Mathematics 211, 212, 213 early in his program. Physics majors should have at least 3 credits of 400-level Physics or Chemistry courses during the senior year.

Students expecting to enter graduate schools are advised to take courses in Advanced Mathematics, Physical Chemistry, and German.

101f-102w-103s. Astronomy

A scientific approach to the understanding of nature through the study of the solar system, physical characteristics of stars, and systems of stars. Laboratory work required. Prerequisite: a working knowledge of algebra and geometry. *5 credits.* Ross, Thomas

201f-202w-203s. General Physics

Methods and principles of physics. Selected topics from the fields of atomic physics, mechanics, electricity, heat, sound, and optics. Laboratory work required. Prerequisite: a working knowledge of algebra and plane geometry. *5 credits.* Ross, Thomas

307f-308w-309s. Mechanics

Fundamentals of mechanics, including kinematics, Newton's laws of motion, energy, gravitation, harmonic oscillations, rigid bodies, elasticity, statics, and wave motion. Mathematical and vector analysis developed as needed. Selected experiments. Prerequisite: Physics 203 and Mathematics 213. *2 credits.* Ross, Thomas

311f. Optics

An introductory course in geometrical and physical optics, including reflection, refraction, diffraction, interference, and polarization. Laboratory experiments correlated with theory. Prerequisite: Physics 203 and Mathematics 213. *4 credits.* Ross, Thomas

314f-315w-316s. Electricity

The fundamental principles of direct and alternating circuits, electronics, electrostatics, electric potential, dielectrics, magnetic properties of materials, electromagnetic radiation. Vector methods are utilized. Theory, problems, and laboratory experiments. Prerequisite: Physics 203 and Mathematics 213. *5 credits.* Ross, Thomas

317w-318s. Modern Physics

The elements of atomic and nuclear structure and processes. Prerequisite: Physics 203 and Mathematics 213. *3 credits.* Ross, Thomas

401f, 402w, 403s. Advanced Laboratory Practice

Work may be chosen to suit the requirements of individual students. Arrangements should be made with the instructor. *1 to 3 credits.* Ross, Thomas

441f, 442w, 443s. Selected Topics

A non-laboratory seminar on such selected topics as acoustics, heat, X-rays, and special relativity. Consent of the instructor is required. *1 to 3 credits.* Ross, Thomas

Rollins College

Pre-Medical

CARROLL, HELLWEGE, ROSS, SAUTÉ, SHOR, THOMAS, VESTAL

A student who intends to study medicine should take as broad a training in scientific and general cultural courses as possible in college besides the specific courses that are required for medical study. The minimum requirements of most medical schools of this country include:

- General Biology (Biology 104-105-106)
- Comparative Anatomy (Biology 323-324-325)
- General Chemistry (Chemistry 105-106-107)
- Organic Chemistry (Chemistry 311-312-313)
- General Physics (Physics 201-202-203)

The student should also have an understanding of college algebra and trigonometry, as well as at least one year of English, and a reading knowledge of either French or German. For a Bachelor of Science degree from Rollins, the student must, in addition, complete a major in biology, or Chemistry, or have a minimum of six full advanced courses in the science that, in the opinion of his major professor, would be useful as preliminary training for medical school. A choice of the following may be suggested:

- Genetics (Biology 308)
- Bacteriology (Biology 328)
- Developmental Anatomy of the Vertebrates (Biology 327)
- Analytical Chemistry (Chemistry 201, 202-203)
- Physical Chemistry (Chemistry 405-406-407)
- Analytic Geometry and the Calculus (Mathematics 211, 212, 213)

Psychology

BURNETT, LANDSMAN, LIKELY, PACKHAM, VERMILYE, WAITE

Since psychology is based on both the biological and social sciences, and is in turn basic to the study of human problems, the student who elects to major in psychology may select an emphasis either in biological science or in social relations.

During the first two years, the student should take General Psychology (201 or 202-203), and the Psychology of Ability (231-232-233).

In the last two years the student should take a minimum of 40 credits in 300- and 400-level courses in Psychology, including Experimental Psychology (331-332-333), and Research Methods in the Behavioral Sciences (411-412-413). In addition, his program should include four advanced courses either in biological science or in the social science fields. The specific courses selected in psychology and in the related field depend on the student's special interests. Included in the program may be one or two terms of directed individual study

Pre-Medical — Psychology

that cover topics not developed specifically in the regular courses of instruction.

201f; 201w; 201s. General Psychology

An introductory and systematic survey of the field of psychology. Designed as a foundation course for both major and non-majors. *5 credits.*
Staff

202f-203w. General Psychology

A course in General Psychology meeting three times a week for two terms. This course is not open to students taking 201, nor is 201 open to students taking this course. *3 credits.*
Staff

204f. Child Development

The physical and psychological growth and development of the child from birth to adolescence, with emphasis on the school-age child's adjustment in school and home. Practical experience with children. To be taken in the first or second year. Prerequisite: General Psychology. *5 credits.*
Packham

205s. Social Psychology

A study of the behavior of the individual in the group situation, with attention to the social factors in human nature and personality, to differential psychology, to social interaction, and to social pathology. Prerequisite: General Psychology, or Sociology and Anthropology 202. *5 credits.*
Burnett

208s. Physiological Basis of Behavior

A study of physiological mechanisms and functions related to behavior. This course relates basic physiological facts to current psychological theory. Prerequisite: General Psychology *3 credits.*
Landsman

231f-232w-233s. Psychology of Ability

The concept of ability; analysis and definitions of variables accounting for individual differences in behavior; measurement of ability with particular emphasis on statistical procedures and thinking used in ability-testing. Prerequisite: General Psychology (may be taken concurrently). *2 credits.*
Landsman

254f. Psychology of Personality

A study of early and recent attempts to understand the nature of human personality. Throughout the course emphasis is placed upon the techniques of acquiring a well-adjusted, wholesome personality. *5 credits.*
Burnett

303w. Psychology of Adjustment

A study of adjustment problems and methods of meeting them as related to personality development. Prerequisite: General Psychology. *5 credits.*
Waite

310s. Abnormal Psychology

A study of behavior disorders in relation to normal behavior and mental health; survey of methods of classification, diagnosis, treatment and prevention of psychopathology. Prerequisite: General Psychology. *5 credits.*
Likely

Rollins College

321f-322w-323s. Psychology of Interpersonal Relations

This course includes an intensive study of one personality theory and a survey of several others as they apply to the area of interpersonal behavior. With this for background, research studies of interpersonal relations are evaluated. The third term consists primarily of a workshop in interpersonal problems. The theoretical orientations are applied to real situations. Prerequisite: General Psychology. 2 credits. Landsman

331f-332w-333s. Experimental Psychology

An introduction to experimental psychology, emphasizing the nature of scientific inquiry and investigation in psychology; formulation of experimental problems, design of experiments, interpretation and written reports. Prerequisite: Psychology 233. 3 credits. Landsman

351w. Adolescent Development

A study of the growth and development of adolescents in the school, the home, and the community. To be taken in the third or fourth year. Prerequisite: General Psychology. 5 credits. Packhan

361f-362w-363s. Learning Theories

The contributions of experimental and theoretical psychology to the problem of learning; antecedents and interpretations of the major theories. Prerequisite: General Psychology 2 credits. Waite

373f. Psychology Applied to Business and Industry

A study of the application of the principles and methods of psychology to problems in business and industry such as personnel selection, human engineering, job analysis, effect of conditions and methods of work on productivity, and studies of morale. Prerequisite: General Psychology. 5 credits. Likely

381s. Social Psychology of Small Groups

Communication and influence processes, factors related to group cohesions; problem-solving behavior of groups; relation of group structure to function; emergence of leadership, and relation between leadership and group process; types of member participation. Prerequisite: Psychology. 5 credits. Vermilye

401f-402w-403s. Reading in the History of Psychology

Prerequisite: 15 hours in Psychology. 2 credits. Waite

404s. Tests and Measurements

The interpretation and use of evaluative techniques for use in classrooms and schools. To be taken in the third or fourth year. 5 credits. Packham

405, 406. Directed Individual Study

For advanced students. Prerequisite: approval of the department. 5 credits. Staff

411f-412w-413s. Research Methods in the Behavioral Sciences

Study of the research methods that are common to the behavioral sciences, and practice in their use. Attention is given to the formulation of

Psychology — Radio

research problems, specific techniques of data-gathering and analysis, and the formation of scientific generalizations. The student is instructed in elementary statistical analysis, sampling procedure, and scaling techniques and in the design and use of the interview, questionnaire, and case study. Each student participates in a research project, either with the class or by means of individual work under the direction of an instructor. This course is designed for all students majoring in the social studies, and research assignments are planned, as far as possible, on the basis of consultation between the instructors in the course and the professors in the student's major department. *2 credits.* Staff

414s. Clinical Psychology

Survey of the area of clinical psychology with reference to diagnostic methods, therapeutic procedures and research content. A period will be assigned for student sampling of methods used in clinical evaluations. Prerequisite: Psychology 310. A background in tests and measurements is desirable. *5 credits.* Likely

420f. Psychology of Perception

A more intensive study of perception, with special emphasis on experimental methods and findings. Prerequisite: 15 hours in Psychology. *5 credits.* Waite

421w. Psychology of Thinking

A more intensive study of thinking, with special emphasis on experimental methods and findings. Prerequisite: 15 hours in Psychology. *5 credits.* Waite

454f-455w-456s. Psychological Theory

A study of the fundamental ideas, concepts, theories, and problems of the chief areas in the field of psychology, with special emphasis on theory construction. Prerequisite: 15 hours in Psychology. *2 credits.* Waite

Colloquium f-w-s.

Meets once a week and covers selected topics. Seniors in psychology and advanced students may attend. May be made a part of advanced courses. *No credit.* Staff

Radio

FRUTCHEY

241f. Radio Station Operation

This course is designed to present to the student a complete, although rudimentary, approach to all phases of radio broadcasting. One hour class work and four hours of operating work in radio station per week are required. Prerequisite: Speech 101. *3 credits.* Frutchey

242w. Radio Studio Technique

This is a course in announcing, studio set-up, and operation. One one-hour class period and four hours of announcing per week in radio station are required. Prerequisite: Radio 241. *3 credits.* Frutchey

Rollins College

243s. Radio Production Technique

A course in the production of radio programs, both dramatic and musical. One hour of class work and four hour's work in radio station per week are required. Prerequisite: Radio 242. *3 credits.* Frutchey

341f-342w-343s. Applied Radio Production

In the fall term students produce programs that consist of records and transcriptions. During the winter term students produce live studio programs. During the spring term emphasis is placed on producing special feature programs originating outside the radio studio. Prerequisite: Radio 241, 242, 243, or their equivalent, and the consent of the instructor. *3 credits.* Frutchey

Religion

DARRAH

227f. The Old Testament

A study of the literature and religion of the Old Testament. *5 credits.* Darrah

229s. The New Testament

A study of the content, character, hope, and promise of the New Testament. *5 credits.* Darrah

Secretarial Courses

MAGOUN

Thirty credits are offered and may be taken in secretarial courses. Grades will be given and full credit shown in transcripts for all work so elected. No student, however, may count more than fifteen credits of secretarial courses toward a Rollins College degree.

161f-162w-163s. Elementary Typing

Mastery of the keyboard and application of typewriting skill to the preparation of letters and simple manuscripts. Development of speed, accuracy, and correct typing habits. *2 credits* Magoun

164f-165w-166s. Fundamentals of Shorthand

The principles of Gregg shorthand, development of proficiency in writing shorthand from dictation, some practice in transcription, complete coverage of shorthand theory. Prerequisite: demonstration of typing ability equivalent to secretarial courses 161-162-163, or enrollment in those courses. *3 credits; with typing, 5 credits.* Magoun

261f-262w. Advanced Typing

Improvement in typewriting habits and techniques, development of speed and accuracy in sustained typing, application of typing skills to tabular and statistical materials. Prerequisite: secretarial course(s) 161-162-163. *2 credits.* Magoun

263s. Office Practice

Development of facility in taking dictation directly on typewriter, prep-

Religion — Secretarial — Sociology and Anthropology

aration of contracts, financial reports, and other business forms. Typing of manuscripts, plays, scenarios, and radio sequences. Observation and some use of various office machines. Prerequisite: secretarial course 261-262 or its equivalent. *2 credits*; with secretarial course 266, *5 credits*. Magoun

264f-265w. Advanced Shorthand

Review of shorthand theory, intensive practice for speed and accuracy in taking dictation and in transcription. Prerequisite: secretarial course 164-165-166. *3 credits*; with typing, *5 credits*. Magoun

266s. Secretarial Practice

Training in a wide variety of techniques, and sampling of specific secretarial duties that are encountered in typical business establishments. Some advanced dictation and transcription. Prerequisite: secretarial course 264-265 or its equivalent. *3 credits*; with secretarial course 263, *5 credits*. Magoun

Sociology and Anthropology

DEGROOT, FELTON

The student majoring in Sociology and Anthropology must take, in his first two years, Sociology and Anthropology 201, 202, and 205, and Psychology 201. He should also schedule a course in United States History and Philosophy 203.

In the junior and senior years the student must take Sociology and Anthropology 301-302, 407-408, 411-412-413, 414, 415, 416. He must elect at least one other 300- or 400-level course in this field. Strongly recommended courses in related fields in the last two years are to be elected in consultation with the major adviser in as many of the following areas as possible: Psychology, Philosophy, History and Government, and Economics. These courses in the last two years should be 300- or 400-level courses. In certain exceptional cases, one or more of the specific requirements may be modified by the student's major adviser in the Department of Sociology and Anthropology.

Students considering graduate work in Sociology and/or Anthropology should develop a reading knowledge of French or German, or preferably both. Such knowledge, while desirable, is not essential for the graduate student in social work.

201f; 201w. Introduction to Anthropology

An introduction to the field of anthropology. Human origins and evolution, the development of human racial types, and the prehistoric development of human cultures. Particular attention is paid to the analysis of human behavior in a cross-cultural context. *5 credits*. DeGroot

202w; 202s. Introduction to Sociology

An introduction to the field of sociology. The major concepts utilized by sociologists in analyzing socio-cultural behavior are considered. Human groups, their structure and functioning, and the significance of

Rollins College

group phenomena for understanding human behavior are particularly emphasized. *5 credits.* Felton

205s. Social Psychology

A study of the behavior of the individual in the group situation with attention to the social factors in human nature and personality, to differential psychology, to social interaction, and to social pathology. Prerequisite: Psychology 201, or Sociology and Anthropology 202. *5 credits.* Psychology Staff

208s. Marriage and the Family

Study of the family as a social system, including the functions of the family, parent-child relationship, courtship, love, marriage in American society. Some attention is given to family disorganization. Prerequisite: Sociology 201 and 202. *5 credits.* Felton

301w-302s. Advanced General Anthropology

An intensive two-term study of the following areas: human origins and evolution, the development and characteristics of human races, the present state of development of man's physical characteristics, the main archeological concepts and methods, and an intensive review of the concepts, methods, and materials of cultural anthropology. Required of all Sociology and Anthropology majors. Open only to juniors and seniors. Prerequisite: Sociology 201 and 202. *5 credits.* DeGroot

309f. Industrial Sociology

Study of the development of industry in American society and the analysis of the factory as a social system. Attention is given to such matters as the nature and growth of formal and informal organizations, labor-management relations as conceived sociologically and problems of group motivation, attitudes, and morale. Prerequisite: Sociology 201 and 202. *5 credits.* Felton

314f, 315w, 316s. Sociology and Anthropology Seminar

Alternates with Sociology 414, 415, 416. (1962-63) *2 credits.* DeGroot

318w. Ethnic Group Relations

A study of the position in society of selected ethnic groups. Historical and cultural factors contributing to the difficulties that persist is considered, and some attention is given to the effect upon human personality of ethnic group status. Prerequisite: Sociology 202 or Sociology 302. (1963-64) *5 credits.* DeGroot

325f. Social Disorganization

An analysis, from the Behavioral Science viewpoint, of the phenomena of individual and group disorganization. Disorganization phenomena such as alcoholism, drug addiction, crime, divorce and suicide are studied within the context of socio-cultural milieu. Particular attention is paid to the relationships between social change variables and social disorganization. *5 credits.* Felton

331s. Criminology

An investigation of what is scientifically known about crime and crimi-

Sociology and Anthropology — Speech

nal behavior. The extent and types of criminal behavior are analyzed. Causative theories are examined and related to penological and rehabilitative programs as these have developed historically and as they operate today. *5 credits.* DeGroot

404f, 405w, 406s. Directed Individual Study

Study and discussion of selected topics in Sociology and Anthropology. Prerequisite: 15 hours in Sociology and Anthropology and approval of the Department. *2 to 5 hours credit.* Staff

407f-408w. Comparative Social Structure

A study of the variations in social structure that are characteristic of human societies. Included in an analysis of American social structure, plus such other societies as those of China, modern Russia, the Eskimo, Navaho, and Nuer. Required of all majors. Prerequisite: Sociology 201 and 202, and 301-302. Open only to juniors and seniors. *5 credits.* Staff

409w. Culture Patterns and Personality

The distinctive anthropological contributions to an understanding of the development of human personality are studied. Topics include variations in personality as associated with variations in culture, "natural character" and its implications and the range of personality differences within various modern and non-literate cultures. Prerequisite: Sociology 301-302, or Psychology 201. *5 credits.* DeGroot

411f-412w-413s. Research Methods in the Behavioral Sciences

Study of the research methods that are common to the behavioral sciences, and practice in their use. Attention is given to the formulation of research problems, specific techniques of data-gathering and analysis and the formation of scientific generalizations. The student is instructed in elementary statistical analysis, sampling procedure, and scaling techniques and in the design and use of the interview, questionnaire, and case study. Each student participates in a research project, either with the class or by means of individual work under the direction of an instructor. This course is designed for all students majoring in the social studies, and research assignments are planned, as far as possible, on the basis of consultation between the instructors in the course and the professors in the student's major department. *2 credits.* Staff

414f, 415w, 416s. Sociology and Anthropology

Exploration of major problems and concepts in "Sociology and Anthropology" through some of the outstanding works in these fields. The cultural approach in understanding society and the individual is stressed. Open only to juniors and seniors. Prerequisite: Sociology 201 and 202, or Sociology 301-302, or the consent of the instructor. Alternates with Sociology 314, 315, 316. (1963-64) *2 credits.* DeGroot

Speech

ALLEN, DRABIK, MILLER

101f; 101w; 101s. Fundamentals of Speech

A practical course in the fundamentals of public speaking: principles,

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actual practice, and constructive criticism. Open to all students.
5 credits. Allen, Drabik, Miller

110f-111w-112s. Fundamentals of Speech

A practical course in the fundamentals of public speaking: principles, actual practice, and constructive criticism. Open to all students.
2 credits. Drabik

201w. Voice and Diction

A course designed to help the student cultivate an effective speaking voice, and intelligible, expressive diction. Emphasis is on the practical oral aspects of voice production through individual and group practice in oral reading exercises. The course establishes standards of good voice and diction and develops an awareness of good voice and diction, theoretical background is given and practical exercises are taught for the production of good voice and diction. Open to all students. 5 credits.
Drabik

212s. Oral Interpretation of Literature

Oral re-creation of literature for an audience, and principles and practice in comprehension, appreciation and skill in projecting literary material of various kinds. Prerequisite: Speech 101. 5 credits. Allen

322f. Advanced Public Speaking

An advanced study and practice of the various forms of public address emphasizing organization and delivery. Prerequisite: Speech 101 or Speech 110-111-112 or consent of instructor. 5 credits. Drabik

323w. Persuasion

A study of audience psychology, attitudes, semantics, logic and language as applied in various forms of persuasive speaking. Prerequisite: Speech 110-111-112 and Speech 322 or consent of instructor. 5 credits.
Drabik

Theatre Arts

ALLEN, EZELL, MILLER, WAGNER (on leave of absence 1961-62)

A student who majors in Theatre Arts should be able to demonstrate, through performance, a high degree of proficiency in the acting, directing, designing, and production of all types and styles of plays. To achieve this proficiency, every student is expected to take certain specified courses of his major field, and to participate in at least two major dramatic events in this field each year.

Required courses during the first two years: (Emphasis in Acting)

- Voice and Diction (201)
- An Introduction to the Theatre (121-122)
- Beginning Acting (151-152)
- Intermediate Acting (251)
- Stagecraft (261)

Required courses during the last two years:

- Theatre Arts:
 - Advanced Acting (304-305)
 - Directing (401)

Speech — Theatre Arts

English:

Shakespeare (English 317, 318)

Development of the Drama (English 351, 352) or Twentieth Century Drama

(English 363, 364) (Two terms)

Required courses during the first two years: (Emphasis in Technical Theatre)

Theatre Arts:

Fundamental of Speech (101)

Introduction to the Theatre (121-122)

Beginning Acting (151-152)

Stagecraft (261)

Art:

Principles of Art (131)

Required courses during the last two years:

Theatre Arts:

Introduction to Stage Lighting (271)

Advanced Stage Design (307)

Directing (401)

Art:

Design (271, 272) (One term)

English:

Shakespeare (English 317, 318, 319) (One term)

Development of the Drama (English 351, 352) or Twentieth Century Drama

(English 363, 364) (Two terms)

Students who are interested in a combined major in Theatre Arts and Creative Arts should consult advisers in each one of these departments.

121f-122w; 121w-122s. An Introduction to the Theatre

The first term includes an analysis of the play scripts, the fundamentals of acting, directing, and design of the production, and an approach to dramatic criticism from the standpoint of increasing the understanding, critical capacity, and enjoyment of the student as a playgoer. The second term is designed to give the student an opportunity to study the important trends, production methods, and personalities in the theatre from the Greek theatre through contemporary theatre. Both terms are required of majors, and are open to all students. *5 credits.*

Allen, Miller

151f-152w. Beginning Acting

A course in the fundamentals of acting technique. Included are exercises in concentration, observation, imagination, sense and emotion, memory, actions, and objectives. The second term is spent in the preparation of scenes. Required of majors, but open to other students. *5 credits.*

Miller

251f; 251w. Intermediate Acting

This course is planned to give the student additional experience in the preparation of more advanced scenes. Prerequisite: Theater Arts 151-152. *5 credits.*

Wagner

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261f; 261w; 261s. Stagecraft

Theory and practice in the technical aspects of the design, construction, painting, and lighting of scenery, with some consideration of the historical development of the art of stagecraft. Open to all students, but required of majors. *5 credits.* Ezell

271w. Introduction to Stage Lighting

An introductory course covering the fundamental elements of stage lighting. Special emphasis on the function of light on the stage for the purpose of illumination and emphasis on the function of light on the stage for the purpose of illumination and as a form-giving element in design. Survey of various approaches to lighting drama, musical comedy, arena staging, etc. Prerequisite: Theatre Arts 261. Two one-hour sessions a week. *2 credits.* Ezell

304w-305s. Advanced Acting

Preparation of scenes from Shakespeare, Chekov, Shaw, Williams, Miller, etc., with special emphasis on building a character with the use of both inner and outer technique. Prerequisite: Theatre Arts 251. *5 credits.* Wagner

307s. Advanced Stage Design

A course designed primarily for advanced Theatre Arts and Art majors who desire further studies in the theories and practice of modern stage design and lighting. Lectures, work on models, and design and execution of the set for the one-act play. Prerequisite: Theatre Arts 261. *5 credits.* Ezell

321s. History of the American Theatre

A study of the theatre in America from colonial days to the present. This course will give students an opportunity to learn about the theatre of the United States by studying significant developments: play production methods, playwrights, managers, directors, and actors. Open to juniors and seniors. Sophomores may take by permission of instructor. *5 credits.* Allen

401s. Directing

A course designed to acquaint the student with the principles of directing. Each student directs one one-act play, which is presented in public performance. Required of majors, and open to other students with the permission of the instructor. *5 credits.* Wagner

411f, 412w, 413s. Acting and Directing Workshop

This workshop is designed for senior theatre arts majors who are not registered for any other acting or directing course. Scenes and one-act plays to be acted and directed by members of the workshop for presentation in public performance at the end of each term. One two-hour class meeting each week. Prerequisite: Theatre Arts 304-305. *2 credits.* Wagner, Miller

Conservatory of Music

A. CARLO, CARTER, C. GLEASON, HORSZOWSKI, HUFSTADER, MOORE,
ROSAZZA, WEBBER, WILSON

The courses of study in the Conservatory of Music, which is a department of Rollins College, are arranged in accordance with the general aims and program of the College. The requirements for entrance and for graduation, as set forth in this catalog, are also in accordance with the published regulations of the National Association of Schools of Music, in which the Rollins Conservatory of Music has full membership.

Students in music may matriculate toward the Bachelor of Music degree, or toward the Bachelor of Arts degree with a major in Music. With additional study, a student may secure both the Bachelor of Arts and the Bachelor of Music degrees. All regularly enrolled students of the College, whether pursuing work leading to the Bachelor of Arts or the Bachelor of Music degree, are entitled to instruction in music, without additional fees, which permits the use of the conservatory library and practice room facilities.

COURSE LEADING TO BACHELOR OF MUSIC DEGREE

The award of the degree of Bachelor of Music to a student at Rollins College certifies that the candidate has acquired a specified training in music and a skill in a field of specialization, and is in possession of the qualities needed for good citizenship.

In the first two years, the student in the Conservatory of Music acquires broad fundamental training, while in the third and fourth years he pursues specialized work. Approximately two-thirds of the work is in music and one-third in courses other than music.

COURSE LEADING TO BACHELOR OF ARTS DEGREE WITH MAJOR IN MUSIC

Students who wish to qualify for the Bachelor of Arts degree with a major in Music must complete the first and second year requirements for both the Bachelor of Arts and the Bachelor of Music courses. The proportion of work required for this degree in fields other than music is greater than that required for the Bachelor of Music degree. See page 85.

COURSE LEADING TO BACHELOR OF ARTS AND BACHELOR OF MUSIC DEGREES

Students who expect to qualify for both degrees should indicate their intention at the time they complete the first- and second-year requirements for the Bachelor of Music degree and should consult both the Dean of the College and the Director of the Conservatory before proceeding.

To complete the work for both degrees may take at least five years. The actual time required depends upon the qualifications of the individual student.

ENTRANCE REQUIREMENTS

The musical preparation required for the degree courses, whether or not expressed in units accepted for high school graduation, includes a knowledge of notation, and keys and scale construction. Upon entrance, the student selects a major subject in consultation with the Director of the Conservatory.

An audition or conference will be given by the conservatory faculty to all entering students majoring in Music.

Choral Conducting. To enter the four-year degree course in choral conducting the student must show marked musical talent and definite qualities of leadership.

Music Education. To enter the four-year degree course in music education, the student must possess satisfactory performance proficiency on one instrument which will become his principal instrument of study. Also he should be able to sing in tune and should possess personal qualities that are desirable in a teacher.

Organ. To enter the four-year degree course in organ the student should have completed sufficient piano study to enable him to perform some of the Bach Inventions, the Mozart Sonatas, and the easier Beethoven Sonatas or works of comparable difficulty.

Piano. To enter the four-year degree course in piano the student should possess a reliable technique. He should be prepared to play all major and minor scales correctly in moderately rapid tempo, as well as arpeggios in all keys. He should have acquired systematic methods of practice. He should have studied some of the standard etudes, such as Czerny, *Op. 299, Vol. 1*; Heller, *Op. 46 and 47*; Bach, *Little Preludes*; Bach, *Two Part Inventions* and compositions of such difficulty as:

Haydn, Sonata No. 11 G major No. 20 (Schirmer)

Mozart, Sonata C major No. 3, F major No. 13
(Schirmer)

Beethoven, Variation on "Nel cor piu non mi sento,"
Sonata Op. 49, No. 1

Schubert, Impromptu Op. 142, No. 2

Easier compositions from the romantic and modern
periods.

Violin. To enter the four-year degree course in violin, the student should play satisfactorily the major and minor scales and arpeggios in three octaves, and etudes of the difficulty of Kreutzer *Etudes Nos. 1 to 32*. In addition the student should be able to perform satisfactorily a sonata by Corelli, Tartini, or Vivaldi and the first movement of a concerto by Haydn, Mozart, or Viotti. An elementary knowledge of the pianoforte is urgently recommended.

Voice. To enter the four-year degree course in voice, the student should be able to sing with musical intelligence standard songs in English (the simpler classics are recommended). He should also demonstrate his ability to read a simple song at sight. Elementary training in piano is urgently recommended.

MAJOR REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC

A student must complete a course of study in his major field as outlined in departmental listings below. Students majoring in applied music must meet the minimum requirement of a half-recital from memory in the junior year, and in the senior year they must give a complete solo recital from memory. Composition majors must present a program of original works before graduation. Students majoring in music education are expected to demonstrate proficiency in a principal performance medium during their senior year, and to study secondary instruments as listed in the course of study for the music education major. All performing students are expected to participate in and attend student recitals, and may appear in other public performances with the approval of the faculty. A specified number of hours of recital attendance by all music majors is mandatory for graduation. Examinations of technical and musical progress will be given at the end of the freshman and sophomore years.

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Choral Conducting:

1. Freshman and sophomore years:
The student must meet the requirements of the choral conducting major as outlined on page 106.
2. Junior and senior years:
The student must pursue the program outlined for the choral conducting major and he must conduct a junior and senior recital.

Composition:

1. Freshman and sophomore years:
The student must show unusual aptitude in theoretical courses and must possess marked creative ability.
2. Junior and senior years:
The student must be able to compose in the larger forms of the sonata, fugue, etc., as well as in the lyric forms of the song and the instrumental piece. The scoring of a composition for full orchestra is required.

Music Education:

1. Freshman and sophomore years:
The student must meet the requirements of the music education major as outlined on page 109.
2. Junior and senior years:
The student must pursue the program outlined for the music education major and demonstrate proficiency in a principal performing medium through public performance during the senior year.

Organ:

1. Freshman and sophomore years:
The student must show technical and musical development in the performance of the easier chorale-preludes and fugues of Bach, the works of pre-Bach composers, the chorale-prelude of Brahms, and selected works by composers of the romantic and contemporary periods.
2. Junior and senior years:
The student must be able to perform compositions selected from the larger works of Bach and Franck, and compositions by Hindemith, Sowerby, Alain, Langlais, Messiaen, and others.

Piano:

1. Freshman and sophomore years:
The student must show technical proficiency in scales and arpeggios, and in the performance of advanced technical materials. The student must be able to perform

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works that are equivalent in musical and technical difficulty to the following:

- Bach, **3-Part Inventions, French or English Suites**
- Mozart, **Sonata in D major, K284**
- Beethoven, **Sonata Opus 10, Nos. 2 and 3**
- Schumann, **Fantasiestuecke**
- Chopin, **Mazurkas and Nocturnes**
- Representative modern works

2. Junior and senior years:

The student must be able to perform compositions selected from the larger keyboard works of Bach, the later sonatas of Beethoven, or a concerto of equal difficulty; shorter pieces from the works of Brahms, Chopin, Schumann, Debussy, and some modern works.

Voice:

1. Freshman and sophomore years:

The student must exhibit command of breathing, phrasing, and musical style as well as the ability to sing satisfactorily such works as songs from the earlier Italian composers, and lieder, and oratorio and operatic arias.

2. Junior and senior years:

Performance of the more difficult arias from oratorios and operas in Italian, French, German, and English is required. Emphasis will be given to the art songs of contemporary literature.

Violin:

1. Freshman and sophomore years:

The student must be able to play satisfactorily major and minor scales in three octaves; studies by Kreutzer, Fiorillo, etc.; standard concerti by Bach, Vivaldi, and Mozart; sonatas by Handel and Mozart; and shorter representative pieces.

2. Junior and senior years:

The student must be able to perform satisfactorily studies equal in difficulty to those of Rode, Gavinies, Paganini; Bach sonatas for violin alone; advanced concerti and sonatas from the classic romantic, and modern repertoire. Two years of ensemble, and study of the viola as a secondary instrument are required.

In addition to taking the required subjects and some music electives, all music majors, in consultation with their advisers, must select from academic courses approximately one-third of the total scheduled hours. All

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music majors must meet the requirements for graduation outlined on pages 40, and 41.

OUTLINE OF COURSES OF STUDY

Bachelor of Music Degree with Choral Conducting Major.

The courses include the following studies:

1. Freshman and sophomore years:
 - Introduction to Music Literature (101, 102, 103)
 - Harmony (104, 105, 106)
 - Sight-singing and Dictation (107, 108, 109)
 - Advanced Harmony (214-215-216)
 - Advanced Sight-singing and Dictation (217-218-219)
 - History of Music (324-325-326)
 - Selected survey courses (3 credits)
- Applied Music (Piano and Voice)
2. Junior and senior years:
 - Counterpoint of the Sixteenth Century (301-302)
 - Form and Analysis (303)
 - Instrumentation and Orchestration (307-308-309)
 - Canon and Fugue (401)
 - Conducting (314-315-316)
 - Advanced Conducting (414, 415, 416)
 - Conducting—Private Instruction (317-318-319)
 - Advanced Conducting—Private Instruction (417-418-419)
 - Choral Music Surveys (357, 358, 359) (457, 458, 459)
 - Score Analysis and Advanced Dictation (427- 428-429)
 - Selected survey courses (3 credits)
3. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, including a course in the study of Poetry as well as two full years of Foreign Language, one of which is taken in the first two years. Entrance credit in language is not counted.

Bachelor of Music Degree with Composition Major

The courses include the following studies:

1. Theoretical Music:
 - Freshman and sophomore years:
 - Introduction to Music Literature (101, 102, 103)
 - Harmony (104, 105, 106)
 - Sight-singing and Dictation (107, 108, 109)
 - Advanced Harmony (214-215-216)
 - Advanced Sight-singing and Dictation (217-218-219)

History of Music (324-325-326)
Selected survey courses (3 credits)

Junior and senior years:

Counterpoint of the Sixteenth Century (301-302)
Form and Analysis (303)
Instrumentation and Orchestration (307-308-309)
Selected survey courses (3 credits)
Canon and Fugue (401)
Composition (391-392-393)
Advanced Composition (491-492-493)

2. Music Electives:

Survey of German Lieder (327)
Survey of Beethoven Pianoforte Sonatas (328, 329)
Oratorio Analysis (337)
Survey of Chamber Music (339)
Conducting (314-315-316)
Choral Music Surveys (357, 358, 359) (457, 458, 459)
Advanced Conducting (414, 415, 416)
Selected survey courses (3 credits)

3. Applied Music:

The student will continue the study of applied music throughout the four years of his course, whether or not the piano is the major instrument. A thorough knowledge of the pianoforte should be acquired and, if possible, the student should spend one term each in the study of three orchestral instruments, including one from each section of the orchestra: strings, woodwinds, and brass.

4. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, and is selected in consultation with the student's adviser.

**Bachelor of Music Degree with Instrumental Major
Piano, Violin, 'Cello, etc.**

The courses include the following studies:

1. The study of applied music, consisting of two private lessons a week, during each of the years of residence.
2. Theoretical Music:

Freshman and sophomore years:

Introduction to Music Literature (101, 102, 103)
Harmony (104, 105, 106)
Sight-singing and Dictation (107, 108, 109)
Advanced Harmony (214-215-216)

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Advanced Sight-singing and Dictation (217-218-219)
History of Music (324-325-326)
Selected survey courses (3 credits)

Junior and Senior years:

Counterpoint of the Sixteenth Century (301-302)
Form and Analysis (303)
Instrumentation and Orchestration (307-308-309)
Canon and Fugue (401)
Composition (405)
Selected survey courses (3 credits)

3. Music Electives:

Conducting (314-315-316)
Survey of German Lieder (327)
Survey of Beethoven Pianoforte Sonatas (328, 329)
Piano Pedagogy and Practice Teaching (334, 335, 336)
Oratorio Analysis (337)
Survey of Chamber Music (339)
Advanced Conducting (414, 415, 416)
Choral Music Surveys (357, 358, 359) (457, 458, 459)

4. Minor Subject:

Applied music in a minor field may be taken by the piano major at the discretion of the adviser. Students majoring in string or wind instruments are expected to have or to acquire sufficient skill at the piano to enable them to perform music of moderate difficulty.

5. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, and is selected in consultation with the student's adviser.

Bachelor of Music Degree with Music Education Major

The courses include the following studies:

1. Musical Performance

The study of:

- a. A principal instrument during each year of residence.
- b. Piano until a desirable proficiency is reached. Music education majors are expected to be able to be able to sight-read community songs, simple accompaniments, and simple compositions suitable for rhythmic activities; to harmonize at sight, improvising a simple piano accompaniment for songs found in school music books, and to transpose these to other keys.

- c. Voice (127-128-129)
 - d. Orchestral instruments in classes as determined after consultation with the adviser.
 - e. Conducting (314-315-316)
- Participation in choir and/or ensemble
2. Theoretical Music
- Freshman and sophomore years:
- Introduction to Music Literature (101, 102, 103)
 - Harmony (104, 105, 106)
 - Sight-singing and Dictation (107, 108, 109)
 - Advanced Harmony (214-215-216)
 - Advanced Sight-singing and Dictation (217-218-219)
- Junior and senior years:
- History of Music (324-325-326)
 - Choral and/or Instrumental Arranging (407, 408)
 - Form and Analysis (303)
 - Selected survey courses
3. Professional Education
- Music in the Elementary School (311-312)
 - Music in the Junior High School (313)
 - Music in the Senior High School (411-412)
 - Social Bases of Education (Education 233)
 - Child Development (Education 204) and/or Adolescent Development (Education 351)
 - School Organization and Programs (Education 324)
 - Teaching in the Elementary School (Education 406) or teaching in the Secondary School (Education 407)
 - Internship and Special Methods (Education 414-415-416)
4. Music Electives
- Advanced Conducting (414, 415, 416)
 - Canon and Fugue (401)
 - Counterpoint of the Sixteenth Century (301-302)
 - Piano Pedagogy
 - Vocal Pedagogy
 - Any of the survey courses
5. Academic Courses
- Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general and cultural value selected in consultation with the student's adviser. For Florida certification requirements and those of other states the student should consult his adviser.

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Bachelor of Music Degree with Organ Major

The courses include the following studies:

1. The study of applied music, consisting of two private lessons a week, during each year of residence.
2. Theoretical Music:

Freshman and sophomore years:

Introduction to Music Literature (101, 102, 103)
Harmony (104, 105, 106)
Sight-singing and Dictation (107, 108, 109)
Advanced Harmony (214-215-216)
Advanced Sight-singing and Dictation (217-218-219)
History of Music (324-325-326)
Selected survey courses (3 credits)

Junior and senior years:

Counterpoint of the Sixteenth Century (301-302)
Form and Analysis (303)
Instrumentation and Orchestration (307-308-309)
Canon and Fugue (401)
Church Service Playing (367-368-369)
Selected survey courses (3 credits)
Conducting (314-315-316)
Oratorio Analysis (337)

3. Music Electives:

Survey of Chamber Music (339)
Piano Pedagogy and Practice Teaching (334, 335, 336)
Advanced Conducting (414, 415, 416)
Survey of German Lieder (327)
Survey of Beethoven Pianoforte Sonatas (328, 329)
Composition (405)
Choral Music Surveys (357, 358, 359) (457, 458, 459)

Junior and senior years:

Students are expected to continue the study of piano, if necessary, to meet the requirements of the organ course.

5. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, and is selected in consultation with the student's adviser.

Bachelor of Music Degree with Voice Major

The courses include the following studies:

1. The study of voice, consisting of two private lessons a week, during each year of residence.
2. Theoretical Music:

Freshman and sophomore years:

- Introduction to Music Literature (101, 102, 103)
- Harmony (104, 105, 106)
- Sight-singing and Dictation (107, 108, 109)
- Vocal Workshop (127-128-129)
- Advanced Harmony (214-215-216)
- Advanced Sight-singing and Dictation (217-218-219)
- History of Music (324-325-326)
- Song Repertoire (227-228-229)
- Selected survey courses (3 credits)

Junior and senior years:

- Counterpoint of the Sixteenth Century (301-302)
- Form and Analysis (303)
- Conducting (314-315-316)
- Selected survey courses (3 credits)

3. Music Electives:

- Survey of German Lieder (327)
- Survey of Beethoven Pianoforte Sonatas (328, 329)
- Oratorio Analysis (337)
- Survey of Chamber Music (339)
- Canon and Fugue (401)
- Composition (405)
- Advanced Conducting (414, 415, 416)

4. Minor Subject:

Applied music in a minor field may be taken by the voice major at the discretion of the adviser. Students are expected to have, or to acquire, sufficient skill at the piano to enable them to play accompaniments of moderate difficulty. At least two years of vocal ensemble singing is required, one year of which must be taken in the first two years as a member of Rollins Chapel Choir.

5. Academic Courses:

Approximately one-third of the total scheduled hours of the student's course of study is devoted to subjects of general cultural value, including a course in the study of poetry as well as two full years of foreign language, one of which is taken in the first two years. Entrance credit in language is counted.

Requirements for Graduation

Candidates for the Bachelor of Music degree or the Bachelor of Arts degree with a major in music will meet the requirements for graduation outlined on pages 40, 41, 42, 43, and 44.

COURSES OF INSTRUCTION

See page 49 for explanation of numbering of courses.

Music History and Literature

These courses are for music majors and other students with sufficient background. The lives and works of great composers are studied and analyzed, and assigned readings are given.

147f, 148w, 149s. Survey of Recorded Music

A course designed to acquaint the student with the finest of recorded music. Emphasis is placed on listening. *1 credit.* Carter

324f-325w-326s. History of Music

The study of the development of music from primitive times to the present. Correlation with general history, pictures, recordings, illustrative materials, and supplementary outside reading. *3 credits.* A. Carlo

327f. Survey of German Lieder

1 credit. Carter

329s. Survey of Beethoven Pianoforte Sonatas—Part I

1 credit. Moore

329s. Survey of Beethoven Pianoforte Sonatas—Part II

1 credit. Moore

337f. Oratorio Analysis

Major choral works to be presented at the Bach Festival will be studied in detail. *1 credit.* Hufstader

339s. (Part I) Survey of Chamber Music

Development of chamber music from the early seventeenth century through the last quartets of Beethoven. Composers discussed are Corelli, Bach, Haydn, Mozart, and Beethoven. Trios, quartets, and quintets are listened to and analyzed. *1 credit.* A. Carlo

339s. (Part II) Survey of Chamber Music

A continuation of Part I. German Romantic School: Chamber works of Schubert, Schumann, and Brahms; French Impressionistic School: Debussy and Ravel; contemporary composers: Bartok, Hindemith, etc. Prerequisite: Music 339, Part I. *1 credit.* A. Carlo

347f, 348w, 349s. Survey of Recorded Music

A course designed to acquaint the student with the finest recorded music in various media. Emphasis is placed on listening. Consent of the instructor is required. Prerequisite: Music 147, 148, 149. *1 credit.* Carter

357f, 358w, 359s. Choral Music Survey

Fall—Gregorian Chant and Liturgy; winter—Medieval music up to 1500; spring—Renaissance music. *1 credit.* Hufstader

377w. Survey of Piano Literature of the Nineteenth Century

Piano literature by composers from Schubert to Faure. *1 credit.* Moore

378s. Contemporary Piano Literature

Piano literature from Debussy to the present. *1 credit.* Wilson

379f. The Keyboard Works of J. S. Bach

Analysis of the polyphonic forms for the keyboard. Included are Bach's *Two-Part Inventions*, *Three-Part Sinfonias*, *The Well-Tempered Clavichord*, and large works in suite form. *1 credit.* Carter

457f, 458w, 459s. Choral Music Survey

Fall—Eighteenth century (Bach, Handel, and contemporaries); winter—Nineteenth century (Brahms, Schubert, Mozart, etc.); spring—Contemporary choral music. *1 credit.* Hufstader

Theory

101f, 102w, 103s. Introduction to Music Literature

A course designed to introduce the student to the widely varying styles, forms, and compositional techniques in the history and development of the art of music. Required of all majors in the freshman year. Open to non-major students with consent of instructor. *1 credit.* A. Carlo

104f, 105w, 106s. Harmony

Presentation of the elements of Music and their combination in simple and complex melodic and choral structures. The use of dissonance, diatonic, and chromatic, and the organization of simple musical forms. Special emphasis upon the chorale style of J. S. Bach. *3 credits.* Carter

107f, 108w, 109s. Sight-singing and Dictation

The singing of progressively graded material stressing melodic and harmonic values. Study of meter. Development of skill in rhythmic and melodic dictation, with special emphasis on harmonic and contrapuntal hearing. Aural analysis of music literature selected from examples of the eighteenth century to the present. *2 credits.* Hufstader

111f-112w; 111w-112s. Fundamentals of Music

A course in rudiments, terminology, and knowledge of the keyboard. Prerequisite for students taking applied music who have had little or no previous training. With permission of the instructor may be taken simultaneously with Applied Music. *1 credit.* Hufstader

214f-215w-216s. Advanced Harmony

Advanced study of the materials of Music Theory 104, 105, 106. *3 credits.* Carter

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217f-218w-219s. Advanced Sight-singing and Dictation

Advanced study of the materials of Music Theory 107, 108, 109.

3 credits.

A. Carlo

301f-302w. Counterpoint of the Sixteenth Century

Study of the history, the evolution of style, and the aesthetic and musical materials of liturgical music of the sixteenth century, culminating in the music of Palestrina. Practical application through the five species of counterpoint preparatory to composition in small forms to Latin tests.

3 credits.

Carter

303s. Form and Analysis

Special reference to the solution of formal problems by the composer, and a survey of orchestral and harmonic techniques. 3 credits.

Carter

304f, 305w, 306s. Keyboard Harmony

A class designed to combine musical knowledge and understanding with keyboard skills. Included are vocabulary (scales, intervals, chords), figured harmony from a bass line, cadences, part-writing applied to the keyboard, modulation, clef-reading, transposition, and score reading.

2 credits.

Wilson

307f-308w-309s. Instrumentation and Orchestration

A study of the various orchestral instruments. Practical work in arranging music for the different orchestral choirs and for a full symphony, orchestra. Training in reading scores of great symphonic composers. 2 credits.

A. Carlo

401f. Canon and Fugue

Practical application of contrapuntal devices and procedures of canon and fugue to original composition by the student. A survey of Bach's *The Well-Tempered Clavichord* is preparatory to the detailed analysis of his *Musical Offering and Art of Fugue*. 3 credits.

Carter

407s. Choral Arranging

Designed to provide practical experience in writing, arranging, and editing music suitable for choral groups in the public schools. 2 credits.

Hufstader

408s. Instrumental Arranging

A practical study of the various band and orchestral instruments in terms of range, tone quality, technical possibilities, appropriate combination and use in scoring for public school instrumental groups.

2 credits.

A. Carlo

Composition

The courses in composition evaluate traditional and contemporary practices in the use of harmonic color and melodic and formal organization. Discussion is based largely upon the problems arising from the manuscripts of students.

391f-392w-393s. Composition

Private Instruction. 5 credits.

Carter

405w. Composition

1 credit.

Carter

491f-492w-493s. Advanced Composition

Private Instruction. *5 credits.*

Carter

Conducting

The elementary course is designed to prepare the student in the basic elements of the art of conducting, and to give him practical experience in leading group singing, and training and conducting small ensembles.

The advanced course offers intensive, more advanced work and is designed to acquaint the student with a considerable repertoire of material that is useful in musical leadership in school, church, college, or community. Emphasis is placed on musicianship, score analysis, and baton technique.

314f-315w-316s. Conducting

2 credits.

Hufstader

317f-318w-319s. Conducting

Individual Instruction. *2 credits.*

Hufstader

357f, 358w, 359s. Choral Music Survey

Fall—Gregorian Chant and Liturgy; winter—Medieval music up to 1500; spring—Renaissance music. *1 credit.*

Hufstader

414f, 415w, 416s. Advanced Conducting

2 credits.

Hufstader

417f-418w-419s. Advanced Conducting

Individual Instruction. *2 credits.*

Hufstader

427f-428w-429s. Score Analysis and Advanced Dictation

1 credit.

Hufstader

457f, 458w, 459s. Choral Music Survey

Fall—eighteenth century (Bach, Handel, and contemporaries); winter—nineteenth century (Brahms, Schubert, Mozart, etc.); spring—contemporary choral music. *1 credit.*

Hufstader

Music Education

The music education courses provide intensive study of the basic philosophies, methods, materials, and techniques for teaching and supervising music in the public schools. Observation and practice teaching are required.

311f-312w. Music in the Elementary School

Basic concepts and procedures for teaching music from kindergarten through grade six. Included is the study of child growth and develop-

Rollins College

ment through singing, listening, rhythmic activities, playing instruments, creating, and reading. *3 credits.* Webber

313s. Music in the Junior High School

A study of the music program in junior high school with special attention to the musical needs of the adolescent, the boy's changing voice, the organization of choral, instrumental, and general music classes. *3 credits.* Webber

411f-412f. Music in the Senior High School

The organization and implementation of formal and informal high school music activities with attention to the general music and music appreciation classes as well as theoretical, choral, and instrumental groups. *3 credits.* Webber

413s. Problems in School Music

Practical consideration of the total school music program in terms of curriculum, administration, supervision, scheduling, equipment and supplies, community relationships. *3 credits.* Webber

Piano

CARTER, HORSZOWSKI*, MOORE, WEBBER, WILSON

131f, 132w, 133s. First Year Piano

5 credits.

231f, 232w, 233s. Second Year Piano

5 credits.

331f, 332w, 333s. Third Year Piano

5 credits.

431f, 432w, 433s. Fourth Year Piano

5 credits.

*Mieczyslaw Horszowski, internationally distinguished pianist, visits the Conservatory for one week each term. Mr. Horszowski gives daily master-classes of three hours each during each visit, at which major piano students are instructed. Private lessons for these students are given by Mr. Horszowski upon recommendation of the piano faculty.

181f, 182w, 183s. Applied Music

Private or class instruction. Consent of instructor required. *1 or 2 credits.*

281f, 282w, 283s. Applied Music

1 or 2 credits.

381f, 382w, 383s. Applied Music

1 or 2 credits.

481f, 482w, 483s. Applied Music

1 or 2 credits.

Piano Pedagogy

A course for piano majors, with special emphasis on the principles of learning as applied to private and group instruction. Included are a comparative analysis of various approaches for the beginner; intensive study of methods and materials for the development of reading skills, technique, and musicianship; analysis of problems in program building, memorization, and performance.

334f, 335w. Piano Methods and Materials

Observation of pre-college piano instruction is required. *2 credits.*

Webber

336s. Piano Practice Teaching

Prerequisite: Music 334 and Music 335. *2 credits.*

Violin and Viola

A. CARLO

In violin the student will cover material selected from such technical foundation work as Sevcik, Dounis, and Flesch; études from Kreutzer through Paganini; and the standard advanced solo repertoire of concerti, sonatas, and shorter compositions selected from the works of composers from the eighteenth century to the present. Attention is given to solo, ensemble, and orchestral aspects of violin playing.

141f, 142w, 143s. First Year Violin

5 credits.

241f, 242w, 243s. Second Year Violin

5 credits.

341f, 342w, 343s. Third Year Violin

5 credits.

441f, 442w, 443s. Fourth Year Violin

5 credits.

144f, 145w, 146s. First Year Viola

5 credits.

244f, 245w, 246s. Second Year Viola

5 credits.

344f, 345w, 346s. Third Year Viola

5 credits.

444f, 445w, 446s. Fourth Year Viola

5 credits.

184f, 185w, 186s. String Class Instruction

A course designed to provide elementary training in playing stringed in-

Rollins College

struments. Emphasis is placed on ensemble experience leading to the benefits and enjoyment of group participation. *1 credit.* A. Carlo

191f, 192w, 193s. Instrumental Ensemble

Study and performance of chamber music literature for various small combinations of instruments, including strings, keyboard, and woodwinds. *1 credit.* A. Carlo

181f, 182w, 183s. Applied Music (Private Instruction)

The consent of the instructor is required. *1 or 2 credits* with permission of the instructor.

281f, 282w, 283s. Applied Music (Private Instruction)

1 or 2 credits.

381f, 382w, 383s. Applied Music (Private Instruction)

1 or 2 credits.

481f, 482w, 483s. Applied Music (Private Instruction)

1 or 2 credits.

Voice

ROSAZZA

In addition to frequent appearances in public recitals, the Voice Department offers its students the opportunity for occasional participation in music productions in the Annie Russell Theatre, as well as solo performances with the Chapel Choir and Rollins Singers, and participation on radio programs. The courses include the developing of vocal technique and musicianly style in singing. The literature includes opera, oratorio, and art songs of the great composers.

121f, 122w, 123s. First Year Singing

4 credits.

221f, 222w, 223s. Second Year Singing

4 credits.

321f, 322w, 323s. Third Year Singing

4 credits.

421f, 422w, 423s. Fourth Year Singing

5 credits.

127f-128w-129s. Vocal Workshop

A laboratory workshop dealing with the fundamentals of voice production and the basic principles of singing. Required of all beginning voice students. *1 credit.* Rosazza

227f-228w-229s. Song Repertoire

A studio course designed to enrich the voice student's repertoire and to

Conservatory

stimulate his progress through research, analysis and performance. Required of all voice majors. Prerequisite: Music 127-128-129. *1 credit.*
Rosazza

181f-182w, 183s. Applied Music (Private Instruction)

Consent of instructor required. *1 or 2 credits* with permission of the Director of the Conservatory.

281f, 282w, 283s. Applied Music (Private Instruction)

1 or 2 credits.

381f, 382w, 383s. Applied Music (Private Instruction)

1 or 2 credits.

481f, 482w, 483s. Applied Music (Private Instruction)

1 or 2 credits.

Vocal Pedagogy

A course for voice majors with emphasis on fundamentals of breath control, tone production, diction and vocal analysis. Practice teaching is conducted under the guidance of Professor Rosazza and through observation and assistance in the vocal workshop. Rosazza

Woodwind and Brass Instruments

Private instruction in woodwind and brass instruments is offered primarily to music education majors. College students may, however, register for this instruction after consultation with the Director of the Conservatory.

181f-182w, 183s. Applied Music (Private Instruction)

Consent of instructor required. *1 or 2 credits* with the permission of the instructor.

281f, 282w, 283s. Applied Music (Private Instruction)

1 or 2 credits.

381f, 382w, 383s. Applied Music (Private Instruction)

1 or 2 credits.

481f, 482w, 483s. Applied Music (Private Instruction)

1 or 2 credits.

184f, 185w, 186s. Brass Class Instruction

Elementary instruction in the fundamental principles of tone production and fingering. *1 credit.*

184f, 185w, 186s. Woodwind Class Instruction

Faculty for woodwind and brass instruction will be drawn from members of the Florida Symphony Orchestra, and from the Orange County Public Schools. *1 credit.*

Rollins College

Organ

C. GLEASON, WILSON

The courses are designed to develop the student musically and technically in the music of the baroque, romantic, and contemporary periods. Special emphasis is placed on the needs of the church organist, on registration, on history of the organ, and on style in performance.

171f, 172w, 173s. First Year Organ

5 credits.

271f, 272w, 273s. Second Year Organ

5 credits.

371f, 372w, 373s. Third Year Organ

5 credits.

471f, 472w, 473s. Fourth Year Organ

5 credits.

181f-182w, 183s. Applied Music (Organ)

For non-organ majors. *1 or 2 credits.*

281f, 282w, 283s. Applied Music (Organ).

For non-organ majors. *1 or 2 credits.*

381f, 382w, 383s. Applied Music (Organ)

For non-organ majors. *1 or 2 credits.*

481f, 482w, 483s. Applied Music (Organ)

For non-organ majors. *1 or 2 credits.*

367f-368w-369s. Church Service Playing

A practical study of the church service, including hymn-playing; the accompaniment of solos, anthems, cantatas and oratorios; and modulation and improvisation. Opportunity will be given to the student to play at rehearsals of the Chapel Choir and at Chapel services. Required of organ majors. Open to non-organ majors with the consent of the instructor. *1 credit.*

C. Gleason

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The Rollins Community

The College

HISTORY AND ORGANIZATION

Rollins College was founded in 1885. Though young in comparison with many American institutions, it was the first institution of **higher learning** in Florida. Then as now, it was unique among the colleges of the Southeast which were either supported or controlled by state or church, whereas Rollins was independent, privately-supported and coeducational. The original financial backing for Rollins came from the educational division of the Congregational Churches, as did that of many of the older colleges of the Northeast. Money for Rollins also came from pioneers who opened up and developed central Florida in the 1880's and from winter visitors. Among the latter was Alonzo W. Rollins, a native of Maine and a business leader in Chicago, who contributed the largest amount to the original founding funds. His gift of \$50,000 was considerably enlarged later by his widow and his brother, George A. Rollins, who also superintended the construction of the first buildings erected on the campus.

Rollins has long held a place among the liberal arts colleges of the nation as a leader in liberal education. It has resisted the trend toward large size in order to maintain the distinctive qualities of a personalized College. It is national in the scope of its student body, in the membership of its Board of Trustees, in the conception of its task, and in the effect of its efforts.

LOCATION

Winter Park is in a literal sense the home of Rollins College, for the two were founded together, and there has always been a friendly association between the community and the College. Rollins is in the metropolitan area of which Orlando is the center. This central Florida area is popularly known as the "lake region." Orange groves, southern pines, subtropical forests, and flowering shrubs and trees are the dominant features of this attractive setting. The college

Rollins College

campus is located on the shores of Lake Virginia, one of a chain of lovely small lakes in the Winter Park area.

BUILDINGS AND EQUIPMENT

The newer buildings on the beautiful semitropical campus are similar in architectural design. They are marked by a strong Mediterranean influence. Twenty-five of the buildings have been erected within the last thirty-one years. Among the buildings are Knowles Memorial Chapel, designed by Ralph Adams Cram; the Mills Memorial Library, The Morse Gallery of Art, the Annie Russell Theatre, the Sullivan House, the Woolson House, Orlando Hall, the Shell Museum, La Maison Provencale, the Dyer Memorial, the Administration Building, the Rollins Union Building; the women's residence halls that are connected by a long loggia and are located on one side of the campus, and the similar series of men's halls which are situated on the opposite side. Rex Beach Hall, a men's residence hall housing 53 men, was opened in September 1957. In addition, a new women's hall, named Elizabeth Hall, and a new student dining hall, named Rose Skillman Hall, were opened in September, 1958.

16-20 CARD COMPUTOR

Installation of an International Business Machines 16-20 card computer by September, 1962, will implement the entry of Rollins College into research and teaching in new levels of data processing in science and business, and especially in the Rollins Space Science Research Institute and the Rollins School of Business. The two are new divisions of Rollins authorized by the Board of Trustees, February 23, 1962.

THE MILLS MEMORIAL LIBRARY

The Mills Memorial Library building was occupied in the fall of 1951. Presented through the generosity of the Davela Mills Foundation, it is designed to accommodate the growing library collection for years to come. By November, 1961 the collection numbered 113,823 volumes, including 7,180 bound periodicals.

The spacious T-shaped building has two main floors in the public area, a large basement, and a five-level, all-steel, air-conditioned book stack with a capacity of 150,000 volumes. Reading rooms and individual study desks, seating approximately 350 persons, are available on both floors. The



Data processor—The 16-20 Computer



Dr. Edward Teller Visits Campus

The Rollins Community

reference room, which contains a carefully selected collection of encyclopedias and other reference materials needed in undergraduate study opens onto a shaded patio for outside reading. Adjacent to the reference room is an attractively furnished newspaper and periodical lounge and a map and atlas room.

The reserve reading room, with capacity for 80 students, the browsing room, and two listening rooms are located on the second floor. Also on this floor are the Rittenhouse, Whitman, Franklin, and Woolson collections; the library of the Hispanic Institute, containing more than 2,265 volumes on Hispanic and Hispanic American Civilization; the art reference picture collection of more than 7,500 mounted prints and photographs; and a growing phonograph record collection.

In the basement are the modern broadcasting studios of Station WPRK, a microfilm and microcard reading room, and a projection studio for the presentation of instructional films.

The Rare Books and Floridiana Room on the main floor contains valuable titles and manuscripts, and an outstanding Florida collection that is noted for its extensive and rare items of Floridiana. The Union Catalog of Floridiana, also on this floor, is, by far, the most complete index on this subject in existence.

The splendid facilities of the Mills Memorial Library are open to residents and visiting scholars and writers in Winter Park. The College Archives are in the library. The Mills Memorial Library is carefully planned to provide easy access to information contained in materials other than books. Students may view 16mm motion pictures, 35mm film strips and slides, and other projected materials on up-to-date equipment in a 56-seat projection studio. Since the studio contains a lecture platform and both a blackboard and whiteboard, visual aids may be supplemented by personal instruction and discussion. Students may read microcards and microfilm on simply operated machines. Copying services are also available at small cost on the library's duplicating machine. In the maproom there are more than 5,300 cataloged maps.

The Mills Memorial Library administers the circulation of films from the Film Library, located in the same building. These 16mm sound films, many of which are in color, are available for a small service charge and transportation

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costs to schools, clubs, and educational and civic groups interested in disseminating information about the Americas and creating a better understanding among the peoples of the Western Hemisphere.

Income from endowments amounts to several thousand dollars a year, and this is supplemented by an annual appropriation from the general funds of the College for the library's budget for books, periodicals, and other expenses. The Rollins "Book-A-Year-Club" is made up of friends of the library who have contributed to the endowment, thus providing in perpetuity one new book each year, bearing the name of the donor.

Gifts to the College of private collections and of cash for specific purposes are other valuable sources of library materials. Because the library has been selected as a depository library for the U. S. Government publications, including maps published by the Geological Survey, the reference value of the library's book collection has been further enhanced.

THE ROLLINS MUSEUMS

The Thomas R. Baker Museum, named in honor of its founder, has scientific collections used in the study of natural science.

The Beal-Maltbie Shell Museum with its famous collection of shells, occupies a specially designed building on the campus. Few objects of nature present the variety of form, design, and brilliant colors found in the myriad shells of the lowly animals known as mollusks on display here. Many of the shells are extremely rare.

The Morse Gallery of Art, built as a memorial to Charles Hosmer Morse by his granddaughter Jeannette Genius McKean, provides special loan exhibits of the finest quality. Exhibitions are changed every three weeks and include architecture, painting, sculpture, textiles, ceramics and other forms of art.

The Museum of Living Art is a collection of art of all periods and is dispersed and shown in various buildings of the College. The collection includes paintings by such masters as Leandro Bassano, Annibale Carracci, Rogier van der Weyden, Childe Hassam, Thomas Sully, Jan Breughel, Giovanni Tiepolo and others.

PLACEMENT BUREAU

Rollins College maintains a Placement Bureau to help

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graduates find employment. The Bureau has available information about current employment opportunities in business, industry, government and education; and arranges for campus interviews with visiting employer representatives. Confidential credentials of seniors and alumni registering with the Bureau are on file and are furnished to organizations interested in employing men and women from the College. No charge for this service is made to seniors, alumni, or employers.

Student Activities

RELIGIOUS LIFE

Rollins College was founded under the auspices of the Congregational Churches. Although now non-sectarian, the College has maintained the ideals of this heritage.

A religious program has three responsibilities: (1) teaching, (2) worshipping, and (3) serving. At Rollins the teaching responsibility is shared between the courses in the College and the services at the chapel. The other responsibilities are fulfilled by the program of the Knowles Memorial Chapel.

Services of worship are held in the chapel on Sunday mornings, and on special days and seasons of the Christian year. Vesper services are held twice a week, on Tuesday and Thursday evenings. In the services students participate in the conduct of worship, either as readers, as ushers, as members of the Rollins Chapel Choir, or as speakers at the vesper services. Organ vespers are usually held on Wednesdays during the winter season. The Chapel Service Program is supervised by the Chapel Staff, and the Community Service and Human Relations Committees.

The over-all religious program on the campus is directed by the Dean of the Chapel and the Chapel Staff. The staff is composed of the chairmen of the student committees, nine elected students, and two members of the faculty. The Dean of the Chapel is available for guidance of and conferences with students on religious problems.

All students are urged to join in the services of the churches in Winter Park and Orlando.

STUDENT GOVERNMENT

All regularly enrolled students, upon payment of the

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Student Association fee and upon signing the pledge of membership, shall become members of the Student Association. The activities of the Association are administered by the students, with the co-operation of the Administration and Faculty of the College. The purpose of the Association is the management of publications and other student activities, and the promotion of good fellowship and self-government.

The executive and legislative powers of the Association are vested in the Student Council which is composed of one representative from each social fraternity, and four independent representatives (two men and two women), all of whom must have been regularly enrolled for two terms and are second term sophomores at least. The judicial powers are vested in the Upper and Lower Courts.

STUDENT PUBLICATIONS

Rollins College is noted for its encouragement of creative writing, and the student interest is demonstrated by the number and quality of its undergraduate publications. The following publications are included in the Rollins Publications Union:

THE TOMOKAN, financed by the Student Association, is issued annually by the editor, who is elected by the student body. It gives a resume of the activities, organizations, and events of interest to the students and faculty of Rollins.

THE FLAMINGO, a magazine of drama, short stories, and poetry, is published by a board of undergraduate editors. A remarkably high standard of writing has been attained in this undergraduate publication.

THE SANDSPUR is a weekly student newspaper. It prints campus and local news, and keeps Rollins students well posted through its editorial, social, and news columns. It has earned the All American rating from the Associated Collegiate Press for the past five years. This is the highest honor a college newspaper can receive.

THE "R" BOOK is published by the Student Association to furnish entering students with information on the traditions, customs, and organizations of the College.

ROLLINS UNION

The purposes of the Rollins Union are to administer pro-

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grams which serve the cultural, recreational, educational, and social interests of the College community and through these programs provide opportunities for students to develop leadership and other related skills. All members of the student body, faculty, and staff are members of the Union and are entitled to all its rights and privileges.

The Rollins Union was founded during the winter and spring terms of the 1959-1960 academic year. A planning committee of nine students and five faculty drew up the charter and constitution. The plan was presented to the student body and accepted by them during that spring term.

The policy making group of the Union is known as the Board of Managers; it consists of five students and four faculty members. The chairman of this Board is known as the President of the Rollins Union.

The Program Board is made up entirely of students who are chairmen of the various committees; this Board carries out Union policy and activities. The committees represented on the Program Board are Outdoor Recreation, Indoor Recreation, Social Entertainment, Host and Hostess, Films, Publicity and Public Relations, Fine Arts, Special Projects, Educational Entertainment, Rally, and Club Calendar and Coordination.

ATHLETIC ACTIVITIES

Because of the beautiful, mild climate of Florida, Rollins is able to maintain out-of-door athletic activities throughout the year. Time is made available for recreation or supervised instruction in physical activities in order to enable students to participate in the sports in which they are particularly interested.

Rollins competes in the following intercollegiate sports: baseball, basketball, crew, golf, soccer, and tennis. A full schedule of intramural sports is conducted under expert direction. These include intramural competition for men in basketball, flag football, track, table tennis, diamondball, golf, swimming, tennis, and volleyball; and intramural competition for women in basketball, golf, tennis, archery, swimming, volleyball, and softball.

It is understood, of course, that these activities are carried on in addition to the regular classes scheduled in Physical Education.

Rollins is a member of the recently organized Florida Intercollegiate Conference. Other conference members are

Rollins College

Stetson University, Tampa University, Miami University, Jacksonville University, and Florida Southern College. The conference sponsors championship competition in soccer, basketball, baseball, and golf. Other sports are expected to be added in the near future.

Rollins is also a member of the National Collegiate Athletic Association.

SOCIETIES AND ORGANIZATIONS

Wholesome student interests are sustained and promoted by a variety of organizations:

The Women's Athletic Association is composed of all the women students at Rollins. They automatically become members of this organization whose purpose it is to promote and foster the highest spirit of sportsmanship and co-operation. The Women's Intramural Board is the governing body of this organization.

Le Cercle Français is an organization that is open to all students taking third-year French or those who have comparable facility in oral and conversational French. Programs held monthly feature French-speaking guests who lecture on a variety of timely and interesting subjects. Short films are often shown to acquaint members with France, its civilization, and its culture.

Der Deutsche Verein is an organization that is open for membership to those who are studying German or are interested in German language, history, and civilization.

Greek Letter Organizations. The Interfraternity Council is composed of chapters of the following men's national fraternities:

DELTA CHI
KAPPA ALPHA ORDER
LAMBDA CHI ALPHA
SIGMA NU
TAU KAPPA EPSILON

and the following local fraternity:

X CLUB

The Panhellenic Council is composed of chapters of the following women's national fraternities:

ALPHA PHI
CHI OMEGA
GAMMA PHI BETA
KAPPA ALPHA THETA

KAPPA KAPPA GAMMA

PHI MU

PI BETA PHI

The Independent Men and Independent Women are organizations that are composed of all students who are not members of fraternities. They enjoy the same privileges as the fraternities and compete with them in all intramural activities. They also participate in the student government.

The Rollins Key Society is an honorary society founded in 1927 for the purpose of fostering interest in all campus and scholastic activities, and promoting the welfare of Rollins College. Membership is open to juniors and seniors who have maintained the equivalent of an A minus (11.00) over-all average for no less than six consecutive terms, including at least one in the junior year.

The Order of the Libra, a small honorary society for junior and senior women, was organized in 1935 for the purpose of recognizing balanced living and broad interest, and for encouraging further development in high scholarship, extracurricular activities, generous citizenship, and integrity of character.

Omicron Delta Kappa, a national honorary service fraternity, was installed at Rollins in 1931. Membership is conferred on junior and senior men who have distinguished themselves in scholarship, athletics, student government, social and religious affairs, publication work, and the arts.

O.O.O.O. is a men's honorary organization, the purpose of which is to create, preserve, and foster the traditions and ideals of Rollins; to promote respect for the customs of the College; and to develop a spirit of leadership and co-operation in the student body.

Phi Society is a first-year honorary scholarship society encouraged by Phi Beta Kappa and having chapters at several colleges. The academic requirement is an over-all average of B plus or better (10.00), preferably (10.20) for the freshman year and in the upper 10 per cent of the class.

The Florida Delta Chapter of Pi Gamma Mu, the National Social Science Honor Society installed at Rollins in 1932, confers membership on juniors and seniors distinguished in the Social Sciences and having a minimum of thirty term hours in the four core subjects of History, Political Science, Sociology (including Anthropology), and Economics (including Geography), with no academic failure

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in any of the above and with an average grade therein of not less than B.

The "R" Club is composed of letter-men who have been awarded their "R" in a varsity sport. The purpose of the club is to promote sportsmanship, co-operation, and interest in athletics. Membership is by invitation only.

Women's "R" Club affords recognition to those who have excelled in the Intramural Sports Program. Membership in this club is awarded on the basis of good sportsmanship and athletic ability. The Women's "R" Club is the governing body of the Women's Intramural Board.

The Rollins Players, under the direction of the Theatre Arts Department, presents a series of plays during the year in both the Annie Russell and the Fred Stone Theatres. This organization is composed of students who have done outstanding work in dramatics. A point system for work accomplished in acting and stagecraft has been established as a basis for membership. Tryouts for all plays produced by The Rollins Players are open to all Rollins students, with preference given to Theatre Arts majors.

The Rollins Scientific Society, organized by the undergraduate majors in Science in the fall of 1942, has as its purpose the bringing together of students interested in discussing and hearing about advancements within the several fields of Science. Membership in the society is open to sophomores, juniors, and seniors who have had one year of a science and are interested in the field of Science. Membership is based on a paper submitted to the Society by the applicant. Prominent scientists are invited to be present at some of the meetings to discuss developments in their particular fields of science. At other meetings the members of the society discuss the significant research they are doing, and report the recent advances that have appeared in the various scientific journals.

The Sigma Xi Club of Rollins College was organized by members of Sigma Xi in the Science Division and in the central Florida community, and was granted a charter by the National Society of the Sigma Xi in January, 1953. Its purpose is to encourage investigation in science, pure and applied. It makes grants available to students working on senior projects in science, and recognize an outstanding junior and senior science major each year with the Sigma Xi Award.

The Spanish Club has for its purpose the encourage-

ment of the young people of North and South America to build lasting friendship that will preserve peaceful relations and settle all differences around the conference table instead of by war. It seeks to unite them in good will, and to cultivate friendship, understanding, and American solidarity among the twenty-one sovereign republics of the Western Hemisphere.

The Hamilton Holt Chapter of the Student Educational Association is the local organization of the state and national education associations. It encourages interest in the profession of teaching, and promotes selective recruitment of young men and women for the career of teaching. It gives practical experience for working in a democratic way on the problems of the profession and of the community.

Theta Alpha Phi is a national honorary dramatic fraternity. Florida Gamma Chapter was installed at Rollins in 1938. Junior and seniors, who have done superior work as actors and technical workers are eligible for membership.

Zeta Alpha Epsilon is an honorary scientific fraternity, the purpose of which is to give recognition to outstanding students, and to promote a broadened interest in science.

Musical Organizations are listed under Music Activities.

Services and Regulations

STUDENT HEALTH SERVICE

Rollins College maintains a dispensary that is supervised by two physicians and a graduate nurse. The nurse is in regular attendance five days a week, and one of the College physicians calls at the dispensary each morning to examine and treat students who need his attention. Minor illnesses and accidents are treated routinely at the dispensary. Students who require bed-care are referred by the College physician to the Winter Park Memorial Hospital or to other hospitals in the Winter Park-Orlando area. These hospitals offer necessary medical and surgical facilities for in-patients as well as out-patients. Any student requiring emergency care at night or at other times when the dispensary is not open can go directly to the emergency room at one of the local hospitals and request that one of the College physicians be called to treat him. Any student admitted to the hospital continues under the care and supervision of a College physician. The physician and nurse in attendance

Rollins College

at the dispensary may be consulted without charge. The health insurance plan, described below, normally covers most costs arising from hospitalization due to illness or accident.

The College has arranged with the Educators Mutual Life Insurance Company of Lancaster, Pennsylvania, for health insurance, known as the College's Group Health Insurance Plan. This coverage provides for reimbursement, within specific limits, for surgery, and for medical and hospital expenses in case of hospitalization due to illness.

Medical expenses for accidents are covered in full up to a maximum of \$1,000 per accident. Medical expenses for illness are provided only if there is hospital confinement or surgery. Surgical benefits are provided under a schedule having a maximum of \$225. The total reimbursement for each illness, including any surgical benefits payable is \$500.

Descriptive leaflets outlining the benefits and exclusions under the College's Group Health Insurance Plan are available at the College dispensary for students who are insured under the plan. The coverage is in effect 24 hours a day, both on and off campus through the academic year, and includes school-year vacation periods as well as a reasonable time at the beginning and end of the school year for travel to and from the College. It has been the practice of the Educators Mutual Life Insurance Company to offer coverage for the summer months at a small extra premium, payable before the close of the spring term.

Each student is billed routinely for this group insurance coverage. Any student who does not wish to be insured through this program is asked to sign a waiver which is placed on file at the College.

Specialists practicing in the Winter Park-Orlando area may be called in by the College physician for consultation. Since the College physician for consultation. Since the College is responsible for knowing about the physical welfare of all its enrolled students, no student while in residence should consult an outside physician without previously informing the College physician. This enables the College physician to know the extent and nature of illness or accidents within the student body and to take any necessary preventive steps.

Any student who leaves the campus for reasons of health must notify his Student Dean or the College physician before he leaves.

Certain health regulations must be met by all entering

students. A medical examination blank provided by the Student Health Service must be completed by the applicant and his family or school physician and filed with the Admissions Office before July 15. As part of this health report, certification of immunization against tetanus and poliomyelitis, vaccination against smallpox, and evidence of a recent chest X-ray or tuberculin test are required. Students who have failed to file this health report must have the necessary physical examination and immunizations completed on arrival at College before they are permitted to register. Such individuals are charged accordingly for the medical examination, immunizations and tests.

A student unable to participate in the required Physical Education program must furnish a letter from his personal physician stating the reasons. Any recommendation not to engage in the Physical Education program must be confirmed by a member of the Health Service Staff.

If any medical information, including reports of nervous or mental diseases, is withheld from the student's Health Certificate, this omission would be cause for dismissal from the College. Anyone requiring further medical treatment, including injections for asthma etc., must also furnish a statement from his physician.

All communications from parents and guardians concerning the health of students should be addressed to the Student Deans or the College physician. Any student who becomes ill when absent from College must notify the Student Deans immediately and must present a signed statement to the dispensary from his physician when he returns.

The College reserves the right if the parents or guardian cannot be reached to make decisions concerning operations or other matters of health.

RESIDENCE HALL AND DINING HALL REGULATIONS

The Board of Trustees has adopted the following requirements for College residence halls and the dining hall:

1. Every regularly-enrolled boarding student is required to live in one of the College residence halls and to board at the College dining hall.
2. Only regularly-enrolled undergraduate boarding students may live in College residence halls without special written approval of the College administration.
3. Alcoholic beverages may not be served in residence

Rollins College

halls or on any other College property. This regulation includes light wines and beer.

4. College residence halls and the dining hall are closed during the Christmas holidays. Special arrangements for housing for that period may be made with the Students Deans.
5. Students are not allowed to have pets in any College residence hall or on the College campus.

Regulations 1 and 2 do not apply to the day students who live at home with their parents.

RESERVATION OF ROOMS

When the April 15th payment is received from a returning boarding student, a room is reserved for him.

Information concerning the reservation and assignment of rooms for **freshmen** is covered under Student Expenses, page 26.

Room assignments are made on the basis of a priority system in which the dates of these first payments play an important part.

All rooms are furnished with single beds, dressers, study tables, and chairs. All other furnishings must be provided by the occupant. Each resident is held responsible for the condition of all equipment in his room. Unusual damages or expenses are assessed against the student responsible.

A fee of \$10 per academic year is charged to all entering boarding students for linen rental services. This includes the issuance of two sheets, one pillow case, three bath towels and one face cloth per week. All entering boarding students are required to use the above service. The use of this service is optional with returning boarding students.

AUTOMOBILE REGULATIONS

Students at Rollins College are allowed to own and maintain cars, motorcycles, and other kinds of motor vehicles with the permission of their parents and under the following regulations:

1. Freshman students are not permitted to own or maintain motor vehicles **during their first term**. Upperclassmen are not permitted to own or maintain motor vehicles during the year if their cumulative average in June of the preceding year was below C.
2. Every approved vehicle must be licensed, and the owner is required to purchase a Rollins decal, issued .

The Rollins Community

by the Student-Faculty Traffic Committee, which must be applied to the front of the vehicle. All drivers are obliged to have a valid driver's license before getting a decal.

3. Every campus student's vehicle must carry personal liability and property damage insurance. All accidents and cases of reckless driving must be reported to the Student Deans.
4. Students who are on academic warning or probation are not allowed to own or maintain a motor vehicle.
5. Boarding students who receive scholarships or other financial aid on the basis of need may not own or maintain a motor vehicle on the Rollins campus unless authorized for business or similar purposes by the Student Deans.
6. The Administration reserves the right to revoke the student's privilege of having a motor vehicle on the campus.
7. The Student-Faculty Traffic Committee has the authority to recommend penalties for violations of the traffic rules.

Music Activities

The Twenty-Eighth Annual Bach Festival of Winter Park. The Bach Festival of Winter Park, consisting of a series of five programs by the Bach Choir of one hundred voices assisted by renowned soloists, orchestra, and organ, is held in early March at the Knowles Memorial Chapel. The chorus, under the direction of Robert Hufstader, includes selected singers from central Florida communities, and qualified Rollins students. A special performance of a major choral work is given on a Saturday early in March for students of colleges and high schools in the state of Florida by invitation of the Board of Trustees of the Bach Festival Society.

Rollins Chapel Choir. The Chapel Choir participates throughout the academic year in the Sunday Morning Service held in the Knowles Memorial Chapel, singing masterpieces of choral literature of all periods from medieval to contemporary. Membership in the choir is open to all qualified students.

Rollins Concert Series. Members of the Conservatory faculty and guest artists present a series of concerts, includ-

Rollins College

ing violin, organ, piano, voice, choral music, and chamber music during the academic year.

The Rollins Music Guild. This group is comprised of students who are interested in promoting the musical welfare of the College. It holds regular meetings and is active on campus in the sponsoring of recitals and other activities of musical worth.

Organ Vesper Recitals. During the winter term organ programs are presented by Catharine Crozier Gleason, with assisting soloists, on the three-manual Aeolian-Skinner organ in the Knowles Memorial Chapel.

Pi Kappa Lambda. The Xi Chapter of Pi Kappa Lambda, a national honorary music society, was installed at Rollins in 1935. Its prime object is the encouragement of eminent achievement in performance and original composition. Only qualified juniors and seniors are eligible for membership.

Student Recitals and Radio. Formal and informal recitals are given throughout the College year by students of the Conservatory, and frequent opportunities are available for appearance on radio programs.

The Rollins Singers (Collegium Musicum). This is a group of student singers who study and perform choral work of chamber music proportions.

Youth Orchestra. A community Youth Orchestra is sponsored jointly by the Creative Arts Division of the Conservatory of Music and the Florida Symphony Orchestra. Qualified students of Rollins College are eligible for membership in this Youth Orchestra.

Radio Activities

Late in 1952, the Rollins FM radio station WPRK began nightly broadcasts with an inaugural ceremony that featured especially recorded remarks by President-elect Dwight D. Eisenhower.

"Hamilton Holt," Eisenhower said in referring to the founder of the Rollins Conference Plan, ". . . believed in man's self-determination; he had faith that this force in man's spirit made educational institutions strong guardians of liberty. . .

"This new FM station at Rollins College can help to speed and advance the great ideas which keep men and women free . . . Whether the ideas came from the great music or poetry or other literature of the past, or from

debates and reflections of today, the people of our country who are listening in will be richer."

Station WPRK was begun both to fulfill this purpose and to provide the best possible training for Rollins students who were interested in the field of radio. The station equipment was made possible through the generosity of an anonymous donor and is housed in modern studios in the Mills Memorial Library, gift of the Davella Mills Foundation.

Operating on a frequency of 91.5 megacycles, the 330-watt FM station covers a large part of the central Florida area surrounding Winter Park and Orlando. Basic equipment includes two spacious studios, each with its own control room, RCA control boards, Fairchild transcription tables, four magnequad tape recorders, an Ampex Model 350 Tape Recorder, and a wide variety of microphones.

Students in beginning and advanced radio production classes, and in speech and drama classes, gain practical experience in directing and announcing for radio under the supervision of WPRK staff members.

WPRK is a member of the National Association of Educational Broadcasters, through which it participates in a program exchange with 80 educational stations. In addition to programs originating locally, WPRK broadcasts outstanding programs on loan from the British Broadcasting Corporation, The French Broadcasting System in North America, Norway, Hawaii, and the Netherlands.

The Rollins Chapel Choir usually broadcasts at least once a year over one of the national radio networks. In addition, programs produced on the campus that are considered representative of Rollins are broadcast over the other radio stations throughout the year. Rollins students studying broadcasting have also been part- and full-time announcers on the four Orlando radio stations.

Rollins Amateur Radio Station

An amateur radio station operated by and for the students became operative January 7, 1962. The purpose of this station is to provide a communication system to all parts of the United States and its possessions for the students and faculty of Rollins College; to provide a means of instruction in elementary theory and international morse code (in this way students may qualify for their Federal Com-

Rollins College

munications Commission Licenses); to institute an international hobby that is available to all Rollins students; to provide a means of electronic experimentation and education; to provide an amateur radio station of value under emergency conditions.

This station is supported by the Student Council of Rollins College. Any F.C.C. licensed amateur radio operator who is a member of the Rollins student body or the Rollins faculty may have full access to the operation of the station.

The amateur radio station will operate during the academic year only, October-June.

Community Activities

PUBLIC SERVICE

In order to carry out the aims of Rollins College to render service to the communities and to the state, as well as to its undergraduate body, public lectures and addresses are offered by many of the members of the Rollins faculty. The topics they cover have a wide range, and include international relations, political theory, readings in English literature, scientific subjects, and music. This service receives the full co-operation of the public schools and social agencies.

THE ROLLINS INSTITUTE FOR GENERAL STUDIES

A Division of Rollins College

ORIGIN AND DEVELOPMENT

Rollins College is and always has been a four-year undergraduate College of the Liberal Arts and Sciences. It was founded in 1885 under the auspices of the Congregational Church. It is the oldest degree-granting Institution of high learning in Florida.

For many years Rollins College has responded to the educational and cultural needs of the community in which it is located. During the administration of the late Hamilton Holt these needs were met by extensive lecture series, informal courses, and special events.

The rapid growth and development of the area following



Varsity Sports



Extracurricular Activities



World War II brought many requests for various educational services. Since 1951 the College has introduced a number of new programs which range from creative arts courses for children to graduate study leading to the Master's degree in Business Administration, Science, or Arts, in Teaching. These programs were established at a gradual pace calculated to strengthen the human resources and the academic quality of the College.

The co-ordination and consolidation of all the community educational services into The Rollins Institute for General Studies took place in the summer of 1961. This organization is comparable in many ways to the evening division of most municipal colleges and universities.

Organization of the Institute for General Studies

The Rollins Institute for General Studies is organized into three divisions:

1. The Community Course Programs
2. The School of General Studies
3. The Graduate Programs

The Committee on the Rollins Institute for General Studies

The general control and guidance of the Institute for General Studies is under a committee composed as follows:

1. PRESIDENT OF ROLLINS COLLEGE—HUGH F. MCKEAN
2. TREASURER OF ROLLINS COLLEGE AND DEAN OF THE GRADUATE PROGRAMS—JOHN M. TIEDTKE
3. DEAN OF ROLLINS COLLEGE—SCHILLER SCROGGS
4. REGISTRAR OF ROLLINS COLLEGE—RICHARD S. WOLFE
5. DIRECTOR OF THE COMMUNITY COURSE PROGRAMS AND THE SCHOOL OF GENERAL STUDIES—GEORGE SAUTÉ
6. DIRECTOR OF THE GRADUATE PROGRAMS IN PHYSICS AND ENGINEERING PHYSICS—DAN A. THOMAS
7. DIRECTOR OF THE GRADUATE PROGRAM IN BUSINESS ADMINISTRATION—CHARLES A. WELSH
8. DIRECTOR OF THE MASTER OF ARTS IN TEACHING PROGRAM—W. T. EDWARDS
9. A MEMBER OF THE INSTITUTE FACULTY—MURRAY J. LANDSMAN
10. RESIDENT DIRECTOR OF THE PATRICK BRANCH OF THE INSTITUTE FOR GENERAL STUDIES—GEORGE F. SCHLATTER

Rollins College

11. MEMBER OF THE BOARD OF TRUSTEES OF ROLLINS COLLEGE —HARRY J. CARMAN

For the time being, Dean Schiller Scroggs serves as Chairman of the Committee and Dean of the Institute.

At the instance of this Committee, the President has appointed an executive committee composed of the Registrar, the Director of the School of General Studies and a member of the Institute Faculty to prepare and issue publicity; set up the details necessary to implement the curriculum policies; and in general administer the various programs.

All plans have been developed in close consultation with the Secretary of the Southern Association of Colleges and Secondary Schools.

Nature of the Programs

THE COMMUNITY COURSE PROGRAMS

The Community Course Programs as now constituted include the work of the Creative Arts Department under the direction of Mrs. Marion Marwick, and the special non-credit courses and lecture series under the direction of Mr. George Sauté

The creative arts department provides courses and private instruction in Music, Rhythmics, Art, Foreign, Languages, and Theatre for children up through the high school age level. There were 928 students enrolled in this program in 1960-61. Some courses in Art and the Theatre for adults have recently been added to this department.

The lecture series and special non-credit courses for adults in Art, Creative Writing, Foreign Languages, and Religion continue to be offered as they have for many years, but the activity here is somewhat reduced.

THE SCHOOL OF GENERAL STUDIES

The School of General Studies is that part of The Rollins Institute for General Studies which has been set up to take over the activities known for the past ten years as Operation Bootstrap, and to expand them in providing a program of courses leading to the degree of Bachelor of General Studies for qualified adults in the community, both military and civilian. The United States Air Force will continue its co-operation with the College so that these services will be

available not only on the campus and the nearby Orlando Air Force Base, but also at the Branch of the School of General Studies, on the Patrick Air Force Base.

The primary function of the School will be to provide residence College credit courses in the late afternoon and evening hours. For some people these courses will provide the opportunity to complete work for the Bachelor of General Studies degree; for others they will serve to fulfill teacher certification requirements or other professional needs; for still others they will provide intellectual enrichment. The School also plans to supplement the courses given in the conventional way by co-operating with approved agencies in offering college level TV courses for credit.

Essentially, the School of General Studies offers a Liberal Arts program broadened somewhat to meet the needs of employed adults.

Mr. George Sauté is Director of the School of General Studies. Mr. George F. Schlatter is Director of the Branch of the Institute for General Studies located on the Patrick Air Force Base. There were 1000 students enrolled in Bootstrap courses during 1960-61, under 51 instructors.

The Graduate Study Programs

Mr. John M. Tiedtke is Dean of the Graduate Programs. He is assisted by Mr. Charles A. Welsh, Professor of Business Administration and Director of the Graduate Program in Business Administration, Mr. Dan A. Thomas, Professor of Physics and Director of the Graduate Programs in Physics and Engineering Physics, and Mr. W. T. Edwards, Professor of Education and Director of the Master of Arts in Teaching Program.

Master of Business Administration

The Rollins program for the professional degree of M.B.A. is designed to prepare candidates for responsible supervisory and administrative positions in business. The courses offered aim to provide knowledge and pertinent economic and business facts; to improve the capacity for analyzing situations and problems; and to develop fundamental techniques of control and skills of leadership, based upon an understanding of the human factors involved in group endeavors and the relation of a business enterprise to the economy as a whole.

As the program develops, additional advanced specialized

Rollins College

elective courses will be offered. The present offerings meet all of the most rigid requirements for the Master of Business Administration degree, fully accredited by state and regional accrediting authorities. All courses under the program are accepted for the training of veterans and by the Department of Education of the State of Florida.

Seventeen Master of Business Administration degrees were conferred in June of 1961. The recipients were for the most part young executives in many of the leading business and industrial firms of the area. There were 123 students enrolled in these courses during 1960-61, under 7 instructors, some of which are full-time College faculty members.

Master of Science in Physics

The Rollins Graduate Program in Physics is designed to provide a sound working knowledge of advanced physics for physicists and engineers. The program leads to the degree of Master of Science.

The program consists of a system of examinations; a thesis research arrangement; a public graduate lecture series; and graduate courses in advanced mathematics, analytical mechanics, mechanical wave motion, electromagnetic theory, quantum mechanics, atomic and nuclear physics, solid-state physics; and various other subjects.

The courses are offered in the evening for the convenience of those employed during the day. Local industries and laboratories have offered to co-operate by providing facilities for their employees to complete their thesis research. Rollins College will provide research facilities only in special cases.

There were 55 students enrolled in this program during 1960-61, under 4 instructors.

Master of Science in Engineering Physics

The Graduate Program in Engineering Physics which originated in February, 1962, is designed for engineers who wish to make more use of Modern Physics and Mathematics in their engineering careers. This program differs from the Master of Science in Physics Program in that its prerequisites are changed to permit the admission of students who have received the conventional Bachelor's degree in Engineering, rather than that in Physics. The program includes a pattern of required basic graduate Physics courses together with a selection of advanced courses in Engineering

Physics. Students in this program may expect to receive the degree of Master of Science with a major in Engineering Physics.

Courses are offered in the evening for the convenience of those employed during the day. The major in Engineering Physics requires thirty (30) semester hours of graduate work, and does not require a thesis. The program consists of graduate courses in advanced mathematics, analytical mechanics, mechanical wave motion, electromagnetic theory, quantum mechanics, atomic and nuclear physics, solid-state physics, and various other subjects.

Admission requirements for the Engineering Physics program are similar to those for the Master of Science in Physics program. Engineering courses requiring the use of calculus will qualify on an equal basis with undergraduate courses in physics. Further information may be obtained from Dr. Dan A. Thomas, Director of both the Graduate Programs in Physics and Engineering Physics.

Master of Arts in Teaching

The degree of Master of Arts in Teaching may be obtained through any one of three curricula: elementary, high school, and junior college.

For the community to have classroom instruction of high quality it is necessary to provide teachers who will be well equipped to render such service. The student will select from among three Graduate Curricula the one he deems to be most appropriate to his purpose.

The student who completes any one of these Curricula and who follows the advisement given in the Office of the Director of the MAT degree program, should experience little, if any, difficulty in simultaneously obtaining the Post Graduate (Rank II) Florida Teacher's Certificate.

The Division of Certification and Accreditation, Division of Teacher Education, of the Florida State Department of Education has approved this program, as a guide to granting the Post Graduate (Rank II) Certificate to eligible applicants. Rollins College has been authorized by the Southern Association of Colleges and Secondary Schools to proceed with establishment of the Master of Arts in Teaching degree.

The program enrolled its first students in the fall of 1961.

The Rollins Animated Magazine

Among Rollins "periodicals" is the **Rollins Animated Magazine**, "published" on the College campus during Founders Week in February. Contributions are made by national and international figures, and are presented by the authors in person. Each year from four to six "contributors" read their manuscripts before an audience of avid "subscribers."

Inter-American Studies & Activities

Inter-American studies and activities were inaugurated at Rollins by the late distinguished scholar, Dr. E. C. Hills, during the Spanish-American War when students from Cuba were accommodated on the campus to prevent the interruption of their studies. In the fall of 1942 these studies and activities were accelerated as part of the war effort to stimulate interest in and disseminate information about Latin America. This program was placed on a more permanent basis in 1944 with the establishment of Casa Iberia, Inter-American Center.

Emphasis is given to courses of study for both undergraduates and adults in Spanish language and literature, in the histories of Spain, Portugal, and Latin America, and in lectures by specialists from both North and South America. Among the events are programs of colored motion pictures with sound, exhibits of art and handicrafts, conferences and discussion groups, and programs of music, drama, and radio. Printed materials are distributed to the public and to schools. The Cafezinho Book Review Series stimulates interest in the field.

Alumni Activities

RAY KIRK, EXECUTIVE DIRECTOR

ROLLINS ALUMNI, INC.

LOISON P. TINGLEY, ASSISTANT TO THE DIRECTOR

The Rollins Alumni Association was founded in 1898 by the late Miss Clara Louise Guild, '90, the first graduate of the College. Since that time the Association has done much to extend the influence of Florida's oldest College.

On February 4, 1953, the state of Florida granted a charter to Rollins Alumni, Incorporated. Membership is open to all graduates and former students who have completed at least one year of academic work at Rollins.

The Rollins Community

The Alumni House, located next to the Rollins Union, was built in 1941. The attractive lounge of this building provides a convenient pleasant place on campus for alumni and student meetings. Individual alumni records are kept here, and a monthly magazine, **The Rollins Alumni Record**, is published from October through June and mailed to alumni.

Alumni Reunion Weekend is held each April on the Friday, Saturday and Sunday nearest April 28. This date is important to Rollins College because it is the date when, in 1885, the state of Florida legally recognized Rollins and granted a corporate charter to the College. Class reunions are held on the five-year plan, and all graduates and former students are invited to return to the campus for this event. Rollins alumni again assemble on Commencement morning in June to give a Sunrise Breakfast for the senior class. This is the oldest continuous tradition at Rollins College.

Military Activities

THE 479th STRATEGIC INTELLIGENCE DETACHMENT

COLONEL RHEA MARCH SMITH, COMMANDING OFFICER

Through an affiliation agreement concluded with the Assistant Chief of Staff, Intelligence, Department of the Army, in 1949, the 479th Strategic Intelligence Detachment was activated at Rollins College in 1950. As an early-ready unit in the Active Reserve of the United States Army, it has a Table of Organization of three officers and four enlisted men. It serves both as a collecting and training unit for the office of the Assistant Chief of Staff, Intelligence. In filling vacancies in the unit, preference is given to those members of the Rollins College faculty and student body who are qualified and approved by the Assistant Chief of Staff, Intelligence. Under present regulations, students who have had extended active duty for six months or more are eligible for consideration.

OFFICER TRAINING PROGRAM

Freshman, sophomore, and junior men in good standing at the College may enroll in the Marine Corps Platoon Leaders class. All military training is carried on during summer vacations. After completing this training and upon receiving their Bachelor's degree, candidates are commissioned as Second Lieutenants in the Marine Corps or Marine Corps Reserve.

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Rollins Personnel

Officers and Trustees 1961-1962

OFFICERS

Miller Walton, LL.B.	Chairman of the Board
Clarence M. Gay	Vice Chairman of the Board
Hugh Ferguson McKean, A.B., M.A., L.H.D.	President
Alfred Jackson Hanna, A.B., L.H.D.	First Vice President
John Meyer Tiedtke, A.B. M.C.S.	Second Vice President and Treasurer
George Walter Johnson, B.S., LL.B.	Secretary
Howard W. Showalter, Jr., A.B.	Assistant Secretary
Frederic H. Ward, A.B.	Assistant Treasurer

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TERMS TO EXPIRE IN 1962

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Coulter Craig	Winter Park, Florida
J. Roy Dickie, A.B., LL.B., LL.D.	Winter Park, Florida
Clarence M. Gay	Orlando, Florida
William Butler Mills, A.B., A.M., LL.B.	Jacksonville, Florida
Howard W. Showalter, Jr., A.B.	Winter Park, Florida
*Paul L. Thoren, A.B.	Chicago, Illinois
Mrs. Rebecca Coleman Wilson, A.B.	Winter Park, Florida

TERMS TO EXPIRE IN 1963

H. George Carrison, A.B.	Jacksonville, Florida
Olcott Deming, A.B.	Washington, D.C.
Joseph S. Guernsey, B.A.	Orlando, Florida
Thomas Phillips Johnson, A.B., LL.B., LL.D.	Pittsburgh, Pennsylvania
L. Corrin Strong, Ph.B., LL.D.	Washington, D. C.
Miller Walton, LL.B.	Miami, Florida
*Frank L. Williamson	Winter Park, Florida

TERMS TO EXPIRE IN 1964

Archibald Granville Bush, LL.D.	Winter Park, Florida
Harry James Carman, Ph.B., A.M., Pd.B., Ph.D., L.H.D., Litt.D., LL.D., D.P.S.	New York, New York

*Nominated by the alumni

Rollins College

Mrs. Faith Emeny Conger, B.A.Princeton, New Jersey
Nelson Marshall, B.S., M.S., Ph.D.Kingston, Rhode Island
Mrs. Jeannette Genius McKeanWinter Park, Florida

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George W. Johnson, Secretary
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J. Roy Dickie
Clarence M. Gay
Joseph Guernsey
Miller Walton
Mrs. Rebecca Coleman Wilson

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Chester D. Pugsley, A.M.Peekskill, New York
Mrs. Paula Dommerich SiedenberglGreenwich, Connecticut

THE ADMINISTRATION

Hugh Ferguson McKean, A.B., A.M., L.H.D.President
Alfred Jackson Hanna, A.B., L.H.D.First Vice President
John Meyer Tiedtke, A.B., M.C.S.Second Vice President, Treasurer
and Business Manager, and Dean of
the Graduate Study Programs
Schiller Scroggs, A.B., M.A., Ph.D.Dean of the College and of
the Rollins Institute for General Studies
George H. Cartwright, E. E.Superintendent of Buildings and
Grounds
Theodore Stanley Darrah, B.S., S.T.B.Dean of the Knowles
Memorial Chapel
William T. Edwards, B.A.E., M.A.E., Ph.D.Director, Master of
Arts in Teaching Program
Marcus P. FrutcheyDirector, W.P.R.K. Radio Station
Alice McBride Hansen, A.B., B.L.S., Ed.M.Librarian
Robert Hufstader, B.M.Director, Conservatory of Music
Joseph Justice, A.B.Athletic Director
Raymond L. KirkExecutive Director, Rollins Alumni, Inc.
Chloe M. LyleCashier
Marion MarwickDirector, Creative Arts Courses
Emily R. Merrill, A.B.Director, Placement Bureau

Rollins Personnel

Russell W. Ramsey, M.D.	College Physician
John Oliver Rich, A.B., A.M.	Dean of Admissions
George Sauté, PhB., A.M.	Director, Community Course Programs and the School of General Studies
Dan. A. Thomas, B.S., Ph.D.	Director, Graduate Programs in Physics and Engineering Physics
Dyckman Ware Vermilye, B.A., M.A., Ed.D.	Dean of Men
Arthur Wagner, B.A., M.A. (on leave of absence 1961-1962)	Director, Annie Russell Theatre
Frederic H. Ward, A.B.	Assistant Treasurer and Comptroller
Helen Linnemeier Watson, A.B., M.A.	Dean of Women
Charles A. Welsh, B.A., M.A., Ph.D.	Director, Graduate Program in Business Administration
Richard S. Wolfe, B.A., M.A.	Registrar

ADMINISTRATIVE STAFF

Don C. Broadbridge, Jr.	Admissions Representative
Angela P. Campbell, B.A., A.M.	Special Academic Counselor and Adviser to the Inter-American Program
Cynthia Williams Eastwood	Secretary to the Administration
D. Elizabeth Fohl	Assistant Registrar
Catharine Crozier Gleason, B.M., M.M.	Organist of the Knowles Memorial Chapel
Harold Mutispaugh, B.S.	Purchasing Agent and Assistant Business Manager
Anne K. Ramsey, B.A.	Administrative Assistant to the President
Malcolm Fraser Scott, A.B.	Admissions Counselor
Bonnie Lou Milby Taylor, B.S.J.	Staff Writer, News Bureau

THE OFFICE STAFFS

OFFICE OF THE PRESIDENT

Anne K. Ramsey, B.A.	Administrative Assistant to the President
Irene F. DeCamp	Assistant

OFFICE OF THE DEAN OF THE COLLEGE

Marie W. Fox	Secretary to the Dean
Barbara J. Alderman	Assistant
Diane M. Sommer	Assistant
Ethel B. Aydelotte	Assistant, Faculty Services Branch of the Office of the Dean
Karen M. McVay	Stenographer, Faculty Services Branch of the Office of the Dean

ADMISSIONS OFFICE

Kathryn L. McKinley	Secretary to the Dean of Admissions
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Rollins College

Foy M. TedderSecretary to the Admissions Counselor
Ruth V. PerryAssistant

ALUMNI OFFICE

Loison P. TingleyAssistant to the Director of Rollins Alumni, Inc.

BOOKSTORE

Clarice A. YarbroughManager
Leah J. FolkerAssistant
Rosita PfauAssistant

CASHIER'S OFFICE

A. Leona LyleSecretary to the Cashier
Virginia H. AshtonAssistant
Eva H. MasonAssistant

CHAPEL

Clara B. Adolfs, A.B.Assistant and Secretary to the Dean of the
Knowles Memorial Chapel

CONSERVATORY OF MUSIC

Gertrude L. MounceSecretary

FIRST VICE PRESIDENT'S OFFICE

Dorris I. CampbellAssistant
Dorothy Y. EllerbeAssistant
Helen J. LangAssistant
Katharine L. Lehman, A.B.Research Associate to the Diamond
Jubilee Commission

PHOTOGRAPHIC WORKSHOP

Lyman Broadhurst Huntington ...Head of the Photographic Workshop

PHYSICAL EDUCATION OFFICE

Jeanne KahnSecretary

POST OFFICE

Halsted W. Caldwell, Jr., A.B.College Postmaster
Lucy Ray CraneAssistant College Postmaster
Jean N. Hardy, B.M.Assistant

PURCHASING OFFICE

Dorothy W. BarnesAssistant to the Purchasing Agent
Elizabeth L. WilliamsAssistant

REGISTRAR'S OFFICE

Barbara G. Greene, B.A.Assistant
Kathleen J. MillonigAssistant
Vernice V. RobertsAssistant

Rollins Personnel

SECOND VICE PRESIDENT AND TREASURER'S OFFICE

Jane E. Carr	Secretary
Geneva C. Fetrow	Assistant
Helen A. Crossley	Bookkeeper
Martha L. Harnish	Assistant Bookkeeper

SPECIAL SERVICES

Georgia M. Phillips	Promotions; Secretary of Special Services
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STUDENT DEANS' OFFICE

Marion F. Braithwaite	Secretary to the Dean of Men
Florence C. Linck	Secretary to the Dean of Women
Alice Winslow	Assistant, Office of the Dean of Women

THEATRE ARTS DEPARTMENT

Nair Lockamy	Secretary
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LIBRARY STAFF

Alice McBride Hansen, A.B., B.L.S., Ed.M.	Librarian
Frederic Quintard Boyer, Ph.B., M.E.,	Consultant on Maps
E. Winifred Briggs, B.S., M.A.	Circulation and Maps Assistant
Julia L. Day, A.B.	Assistant in Archives
Evelyn Jensen Draper, B.S. in L.S.	Assistant Archivist
H. Louise Eberle	Assistant Cataloger and Assistant in Documents
Alice McNeill Egan	Assistant
Barbara Daly Graham, A.B., Graduate, University of Wisconsin Library School	Catalog Librarian
Lorena R. Graham	Clerical Assistant
Margaret Holroyd, A.B.	Assistant
Lucile Lacey	Acquisitions Head
Anna M. Linden, A.B., M.A.	Circulation Assistant
Olive E. Mahony	Head of Circulation
Letty Morehouse, A.B., M.A.	Reference Librarian
Gladys E. Poole, B.A., M.A.	Circulation Assistant
Dorothy Shepherd Smith, A.B.	Assistant, Union Catalog of Floridiana
Jane Swanson	Assistant
Ruby Lee Todd	Films, Periodicals and Processing Assistant

CENTER FOR PRACTICAL POLITICS STAFF

Paul F. Douglass, A.B., A.M., Ph.D., LL.D.	Director
Frederic Eberle, A.B., B.S. in C.E., Graduate, Royal Bavarian Military Academy	Staff Engineer
Eve M. Bacon	Secretary

Rollins College

STUDENT HEALTH SERVICE AND DISPENSARY STAFF

Russell W. Ramsey, M.D. College Physician
Laurence A. Bilotta, B.S., M.D. Associate College Physician
Lois O. Miller, R.N. Nurse

MUSEUM STAFFS

Paul A. Vestal, A.B., A.M., Ph.D. Director of the Beal-Maltbie
Shell Museum and the Thomas R. Baker Museum of Natural Science
Judy H. Mason, A.B. Curator of the Beal-Maltbie Shell Museum
Jeannette Genius McKean Director of Exhibitions, The Morse
Gallery of Art
Mary Ann Colado, B.A. Assistant Director of The Morse
Gallery of Art

PHYSICAL PLANT STAFF

George H. Cartwright, E.E. Superintendent of Buildings and
Grounds
Donald F. Brightman Assistant to the Superintendent of Buildings
and Grounds
Doris E. Landry Secretary to the Superintendent of Buildings
and Grounds
Bealie Harrington Supervisor of Maid Services

DINING HALL AND ROLLINS UNION STAFFS

John A. Johnson Manager, Rose Skillman Dining Hall
Sam S. Shaw Manager, Rollins Student Union
Natalie Stewart Secretary, Rose Skillman Dining Hall

HEADS OF RESIDENCE HALLS

Helen Armstrong Pugsley Hall (Kappa Kappa Gamma)
Helen P. Banta Elizabeth Hall (Freshman Women)
Mary E. Bates O'Neal Hall (Tau Kappa Epsilon)
Cleo C. Cash Lakeside Hall (Freshman Men)
Dana T. Davis Casa Iberia
Lelia P. Harland Rex Beach Hall (Kappa Alpha)
Edna H. Hasty Pinehurst Hall (Independent Men)
Alice N. Mead Holt House (Men)
Florence M. Milford Cloverleaf Hall (Independent Women
& Alpha Phi)
Jeannette M. Morgenroth Rollins Hall (Sigma Nu)
Eloise S. Morris Lingerlong (Men)
Olive E. Parrish Mayflower Hall (Pi Beta Phi)
Marian S. Pierce Lucy Cross Hall (Kappa Alpha Theta)
Hazel I. Redens Lyman Hall, Gale Hall (Delta Chi and X Club)
Inez L. Regan Fox Hall (Phi Mu)

Rollins Personnel

Ruth C. Reid	Hooker Hall (Lambda Chi Alpha)
Marie and Frank Stough	The Pelican Beachhouse
Florence E. Terry	Chase Hall (Men)
Louise B. Wells	Strong Hall (Gamma Phi Beta)
Madeleine C. Wretman	Corrin Hall (Chi Omega)

COACHES AND SUBSIDIARY STAFF

Carolyn Bourland, B.A.	Part time Instructor in Physical Education
Gayle J. Doran, B.S.	Biology Laboratory Assistant
Frederic Eberle, A.B., B.S. in C.E., Graduate of Royal Bavarian Military Academy	Part time Instructor in German
Joseph Justice, A.B.	Athletic Director
Ernest Keen	Part time Instructor in Scuba Diving (Winter and Spring Terms)
James P. Lyden, B.A.	Assistant Crew Coach
Henry Skillman Suydam, Sr.	Part time Instructor in Water-skiing
Clarence L. Varner, B.S.	Director of Intramural Athletics
Ernest G. Wraschek	Assistant Soccer Coach

CONSULTANTS

James Edgar Bell	Consultant B.S., University of Chicago; Ph.D., University of Illinois (1945;1952)
Frederic Quintard Boyer	Consultant on Maps, Ph.B., M.E., Yale University (1952;1952) Mills Memorial Library
Theodore Collier	Consultant A.B., A.M., Hamilton College; Ph.D., Cornell University; L.H.D. (1945;1952)
William Abbott Constable	Consultant in English M.A., University of Edinburgh (1943;1960)
Harold Gleason	Consultant in Music M.M., Eastman School of Music of the University of Rochester; Mus.D. (1955;1960)
John Witherspoon McDowall	Consultant B.S., North Carolina State College; M.S., Duke University (1929;1957)

EMERITI

Walter Charnbury	Professor Emeritus of Piano Artist Diploma, Peabody Conservatory; graduate study with Isidor Phillipp, Paris Conservatoire; pupil of Ernest Hut- cheson (1939;1956)
Edwin Osgood Grover	Professor Emeritus of Books; Vice President of the College (1938-1951) B.L., Dartmouth College; Litt.D., L.H.D. (1926;1942)

Rollins College

- Herman Fermain HarrisProfessor Emeritus of English
A.B., Ped.B., A.M., University of Missouri; Litt.D. (1924;1941)
- Edward Francis W. JonesProfessor Emeritus of Mathematics
B.S., C.E., Manhattan College (1922;1954)
- William MelcherProfessor Emeritus of Business Administration
A.B., Drury College; A.M., Harvard University; Ph.D.,
University of Wisconsin; LL.D. (1934;1952)
- Harry Raymond PierceProfessor Emeritus of Speech
B.O., M.O., Sp.D. (1929; 1942)
- Anna Bigelow TreatRegistrar Emeritus
A.B., Smith College (1927;1948)

FACULTY (1961-62)

Dates indicate (1) first connection with Rollins, (2) year of receiving present rank.

- Hugh Ferguson McKeanPresident; Professor of Art
A.B., Rollins College; A.M., Williams College; L.H.D.,
Stetson School of Law (1932;1951)
- Schiller ScroggsDean of the College; Dean
of the Rollins Institute for General Studies
A.B., Southeastern State; M.A., Columbia University;
Ph.D., Yale University (1958;1958)
- Richard R. Adicks, Jr.Instructor in English
B.A., M.A., University of Florida (1961;1961)
- Donald Simpson AllenProfessor of Theatre Arts
A.B., A.M., Ohio Wesleyan University (1934;1945)
- James E. AndersonInstructor in Art
B.A., Murray State College; M.F.A., University of Georgia
(1961;1961)
- Sara Jane Dorsey ArthurInstructor in Physical Education
for Women
B.S., Rollins College (1948;1948)
- J. Worth BannerProfessor of Foreign Languages;
Director of Foreign Language Studies
B.S., Roanoke College; M.A., Ph.D., University of
North Carolina (1959;1959)
- John Jackson BowersAssistant Professor of Mathematics
B.A., Wesleyan University; M.S., Ph.D., Carnegie Institute of
Technology (1962;1962)
- Udolpho Theodore BradleyProfessor of History
A.B., Princeton University; A.M., Ph.D., Cornell University
(1933;1942)
- Myrtle Carolyn BurnettAssistant Professor in Psychology;
Co-ordinator of Student Services Center

Rollins Personnel

- B.S., Stout Institute; M.Ed., University of South Carolina;
Ed.D., University of Florida (1961;1961)
- Alphonse CarloAssociate Professor of Violin and Viola
Graduate, Teacher's Diploma, and post-graduate study,
Juilliard School of Music; graduate, National Orchestral
Association, New York City (1942;1944)
- Donald Wesley CarrollProfessor of Chemistry
B.S., M.S., Marshall College; Ph.D., University of Texas
(1952;1957)
- John CarterProfessor of Theory, Composition and Piano
B.M. Rollins College; graduate study, Juilliard School of
Music; pupil of Roy Harris in composition and musicology;
pupil in piano of Muriel Kerr, Alton Jones, James Friskin;
coached in German lieder by Coenraad Bos (1938;1949)
- Robert Hatfield ChaseInstructor in Theatre Arts
A.B., Harvard University; M.F.A., Boston University School
of Fine and Applied Arts (1957;1957)
- William P. CookeInstructor in Spanish
B.A., Rollins College (1961;1961)
- Nathan Norman CopelandInstructor in Tennis
A.B., Rollins College (1946;1950)
- Theodore Stanley DarrahDean of The Knowles Memorial Chapel;
Professor of Religion
B.S., S.T.B., Harvard University (1947;1947)
- Nina Oliver DeanAssociate Professor of English
A.B., Mississippi State College for Women; M.A.,
Columbia University (1943;1947)
- Dudley E. DeGrootAssistant Professor of Sociology
A.B., University of West Virginia; M.A., University of
New Mexico; Ph.D., Ohio State University (1958;1958)
- William Herbert Dewart, Jr.Assistant Professor of English
A.B., Kenyon College; M.A., Ph.D., University of Florida
(1956;1960)
- Wilbur DorsettAssistant Professor of English
A.B., A.M., University of North Carolina (1946;1948)
- Paul F. DouglassProfessor of Government
Director, Center for Practical Politics
A.B., Wesleyan University; A.M.; Ph.D., University of
Cincinnati; LL.D., Wesleyan University (1956;1956)
- Patricia J. DrabikAssistant Professor in Speech
A.B., Louisiana State University; M.A., Bradley University;
Ph.D., University of Illinois (1960;1960)
- Evelyn Jensen DraperAssistant Archivist (Instructor)
B.S. in L.S., Simmons College (1957;1960)

Rollins College

- Geneva Drinkwater**Professor of History
A.B., B.S., University of Missouri; M.A., Ph.D., University of
Chicago (1952;1959)
- William Thomas Edwards**Professor of Education; Director,
Graduate Program in Teaching
B.A.E., M.A.E., University of Florida; Ph.D., Ohio State Univer-
sity (1961;1961)
- Adolphus Ross Evans**Associate Professor of Business
Administration
B.A.E., University of Florida; M.S., Columbia University;
C.P.A., Florida (1949;1949)
- John Davis Ezell**Technical Director of the Annie Russell
Theatre (Instructor)
B.F.A., Washington University School of Fine Arts; M.F.A.,
Yale University School of Drama (1961;1961)
- William Sidney Felton, Jr.**Assistant Professor of Sociology
B.A., Marietta College; M.A., Ph.D., University of Colorado
(1961;1961)
- Rudolph Fischer**Associate Professor of French and German
A.B., University of Basle; A.M., Rollins College; Gymnasiallehrer
Staats-examen, University of Basle; Diplomes pour L'Enseigne-
ment du Français des Universités d'Aix-Marseille et de Poitiers
(1940;1946)
- Marion Folsom, Jr.**Assistant Professor of English
A.B., Princeton University; M.A., University of Rochester;
Certificate, Sorbonne, University of Paris (1961;1961)
- Marcus Peter Frutchey**Instructor in Radio; Director
of the Radio Program
(1954;1954)
- William Arnold Glasser**Instructor in English
B.A., Harpur College; M.A., University of Florida (1959;1959)
- Catharine Crozier Gleason**Associate Professor of Organ;
Organist of The Knowles Memorial Chapel
B.M., Artist's Diploma, M.M., Eastman School of Music of the
University of Rochester; studied organ with Harold Gleason
and Joseph Bonnet (1955;1962)
- Lillian H. Gleason**Associate Professor of Spanish
B.A., University of Idaho; M.A., Ph.D., University of Illinois
(1960;1960)
- Barbara Daly Graham**Catalog Librarian (Instructor)
A.B., Rollins College; graduate, University of Wisconsin
Library School (1952;1952)

Rollins Personnel

- Edwin Phillips Granberry**Irving Bacheller Professor of
Creative Writing
A.B., Columbia University; Litt. D. (1933;1940)
- Kenneth E. Griswold**Assistant Professor of Education
B.S., North Dakota State University; M.Ed., College of William
and Mary; Ed.D., Columbia University (1961;1961)
- John Bowen Hamilton**Associate Professor of English
A.B., Birmingham-Southern College; M.A., Ph.D.,
University of North Carolina (1957;1957)
- Alfred Jackson Hanna**Weddell Professor of History of the
Americas; First Vice President of the College
A.B., Rollins College; L.H.D. (1917;1951)
- Alice McBride Hansen**Librarian (Professor)
A.B., Vassar; B.L.S., Columbia University; Ed.M.,
Harvard University (1951;1952)
- A. Maynor Hardee**Assistant Professor of French
B.A., M.A., University of South Carolina (1960;1960)
- Edward W. Hatchett**Visiting Instructor in Mathematics
(Fall term)
A.B., Duke University; M.A., Columbia University (1961;1961)
- Herbert Elmore Hellwege**Associate Professor of Chemistry
Ph.D., University of Hamburg (1954;1959)
- Robert Hufstader**Professor of Music and Director of the
Conservatory of Music; Choirmaster of the Knowles
Memorial Chapel
B.M., Eastman School of Music of the University of Rochester;
Diplome avec Distinction, Conservatoire Americain, Fontaine-
bleau; pupil of George Szell, Nadia Boulanger, and Harold
Gleason (1953;1953)
- Daniel M. Hunter**Part-time Visiting Lecturer in Law
LL.B., University of Florida (1958;1958)
- Joseph Justice**Associate Professor of Physical Education;
Director of Athletics
A.B., Rollins College (1946;1957)
- O'Neill Kane**Instructor in Business Administration
B.S., United States Military Academy at West Point
(1960;1960)
- Frank Jackson Keller**Part-time Instructor in Education
(Winter term)
B.S., M.S. in Edn., Florida State University (1957;1960)
- Leah Rice Koontz**Instructor in English
B.S., Western Michigan University (1954;1954)
- Murray J. Landsman**Assistant Professor in Psychology
B.S., M.A., Bradley University (1959;1960)

Rollins College

- Fred A. Likely**Part-time Assistant Professor of Psychology
A.B., DePauw University; Ph.D., Indiana University
(1957;1959)
- Donald Walker Lovejoy**Assistant Professor of Geology
A.B., Harvard University; A.M., Ph.D., Columbia University
(1959;1959)
- Lucca Winifred Lovell**Assistant Professor of Mathematics
B.S., Stetson University; M.A., University of Florida
(1961;1961)
- Flora Lindsay Magoun**Assistant Professor of Business Education
B.A., Wellesley College; A.M., Columbia University
(1935;1946)
- Charles D. Mahan**Instructor in English
A.B., Marshall College; M.A., University of Kentucky
(1961;1961)
- Hubert Marcotte**Assistant Professor of French
B.A., M.A., University of Montreal
(1960;1960)
- Charles Stetson Mendell, Jr.**Professor of English; Chairman,
Department of English
A.B., Dartmouth College; A.M., Harvard University
(1936;1946)
- Eugene H. Miller**Instructor in Theatre Arts
A.B., Middlebury College; M.A., University of Pennsylvania
(1961;1961)
- Richard P. Momsen, Jr.** (On leave of absence Winter and
Spring terms 1961-62)Assistant Professor of Geography
A.B., Dartmouth College; M.A., Ph.D., University of Minnesota
(1960;1960)
- Helen Moore**Professor of Piano
B.M., University of Illinois; Mus. Doc.; Fellowship Juilliard
Graduate School of Music; Diplome d'Execution, Conservatoire
Americain, Fontainebleau; pupil of Isidor Philipp, Olga Sam-
aroff, James Friskin, Harold Bauer
(1928;1945)
- Letty Morehouse**Reference Librarian (Instructor)
A.B., Rollins College; M.A., Florida State University
(1953;1956)
- Daniel Nyimicz**Assistant Professor of Physical Education
B.A., M.Ed., University of North Carolina
(1949;1950)
- Constance Ortmayer**Professor of Sculpture
Graduate, Royal Academy of Fine Arts, Vienna, and Royal
Academy Master School(1937;1947)

Rollins Personnel

- Audrey Lillian Packham**Professor of Education; Director of
Teacher Education
B.S. in Education, Florida State University; A.M.,
Columbia University (1930;1947)
- Richard E. Pasternak**Assistant Professor of Business
Administration
B.S., Holy Cross College; M.A., Louisiana State University
(1961;1961)
- Fleetwood D. Peebles**Director of Aquatic Sports
(1922;1922)
- Thomas Fales Peterson**Assistant Professor in Art
B.F.A., University of Georgia; M.F.A., Columbia University
(1958;1962)
- Jerome Regnier**Assistant Professor of Geology
License es Science, University of Nancy; M.S., Montana School
of Mines; Ph.D., Columbia University (1961;1961)
- John Oliver Rich**Dean of Admissions (Associate Professor)
A.B., Rollins College; A. M., The Johns Hopkins University
(1949;1960)
- Joseph W. Romita**Associate Professor of Economics
B.S., American International College; M.B.A., University
of Pennsylvania (Wharton School of Finance and Com-
merce); Ph.D., University of Madrid (1959;1959)
- John Ross Rosazza**Associate Professor of Voice
B.M., Westminster Choir College; graduate study, Con-
servatoire Americain, Fontainebleau; Conservatoire Na-
tional de Musique Paris; pupil of John F. Williamson,
Martial Singher, Charles Panzera, Nadia Boulanger
(1950;1952)
- John Stoner Ross**Associate Professor of Physics
A.B., DePauw University; M.S., Ph.D, University of Wisconsin
(1953;1959)
- W. Stephen Sanderlin, Jr.** (on leave of absence 1961-62)
Associate Professor of English
A.B., William and Mary College; M.A., Catholic University
of America; Ph.D., University of Virginia (1958;1958)
- George Sauté**Professor of Mathematics
Director of Community Courses and of the School of General
Studies
Ph.B., A.M., Brown University (1943;1946)
- George F. Schlatter**Instructor in Mathematics; Director of
Patrick Air Force Base Branch of the Rollins Institute for Gen-
eral Studies
B.S., United States Military Academy at West Point;

Rollins College

- Diploma, National War College; M.A.T., Duke University
(1961;1961)
- Malcolm Fraser ScottAdmissions Counselor (Instructor)
A.B., Dartmouth College (1953;1955)
- Bernice Catherine ShorAssociate Professor of Biology
B.S., M.S., Rollins College (1926;1944)
- Janis SilinsAssistant Professor of Russian
Mag. Philos., Ph.D., University of Riga (1956;1960)
- Rhea Marsh SmithProfessor of History
A.B., Southern Methodist University; A.M., Princeton
University; Ph.D., University of Pennsylvania (1930;1942)
- Thomas F. StaleyAssistant Professor of English
A.B., B.S., Regis College; M.A., University of Tulsa; Ph.D.,
University of Pittsburgh (1961;1961)
- Charles E. Stetler, Jr.Instructor in English
B.A., M.A., Duquesne University (1961;1961)
- Irvin StockProfessor of English
B.A., New York University; M.A., Ph.D., Columbia University
(1952;1957)
- Wendell Cornell StoneProfessor of Philosophy
A.B., Pomona College; Ph.D., Yale University; LL.D.
(1933;1941)
- Dan Anderson ThomasProfessor of Physics; Director, Graduate
Programs in Physics and Engineering Physics
B.S., University of Chattanooga; Ph.D., Vanderbilt University
(1952;1957)
- John Meyer TiedtkeProfessor of Economics; Second Vice
President and Treasurer of the College;
Deon of the Graduate Programs
A.B., Dartmouth College, M.C.S., Amos Tuck School of
Business Administration (1936;1951)
- William H. Trapnell, Jr.Instructor in French
B.S., Hampden-Sydney College (1960;1960)
- Clarence L. VarnerInstructor in Physical Education;
Director of Intramural Sports
B.S., University of Minnesota (1958;1961)
- Dyckman Ware VermilyeDean of Men; Associate Professor
of Psychology
B.A., College of William and Mary; M.A., University of
Minnesota; Ed.D., Columbia University (1957;1957)
- Paul Anthony VestalProfessor of Biology; Director of the
Thomas R. Baker Museum of Natural Science and
the Beal-Maltbie Shell Museum
A.B., Colorado College; A.M., Ph.D., Harvard University
(1942;1949)

Rollins Personnel

- Arthur Wagner** (on leave of absence 1961-62)Assistant Professor of Theatre Arts; Director of the Annie Russell Theatre
B.A., Earlham College; M.A., Smith College (1956;1957)
- Harry Frew Waidner, III**Instructor in English
B.A., University of Virginia; M.A., Johns Hopkins University
(1961;1961)
- Alexander Waite**Professor of Psychology
A.B., University of South Carolina; M.Ed., Ph.D., Duke University
(1937;1942)
- Helen Linnemeier Watson**Dean of Women (Associate Professor)
A.B., Florida State College for Women; M.A., Simmons College
(1956;1956)
- Bruce B. Wavell**Associate Professor of Philosophy
B.Sc., Ph.D., London University (1959;1962)
- Emily E. Webber**Associate Professor of Music Education and Piano
B.S., College of Charleston; B.A., Winthrop College; M.A., Teachers College, Columbia University; Ph.D. in Music, Florida State University
(1960;1960)
- Charles August Welsh**Professor of Business Administration; Chairman, Department of Business Administration; Director, Graduate Program in Business Administration
B.S., M.A., Ph.D., New York University (1955;1962)
- Marjorie Janet Patton Whitmire**Instructor in Physical Education for Women
A.B., Rollins College (1950;1954)
- Gordon James Wilson**Instructor in Organ, Piano and Theory; Assistant Organist in the Knowles Memorial Chapel
B.M., B.A., Birmingham-Southern College; M. Mus., Florida State University; A. Mus. D., University of Michigan
(1960;1960)
- Richard Schuyler Wolfe**Assistant Professor of Mathematics; Registrar
B.A., Intermountain Union College; M.A., University of Washington
(1957;1957)
- James Richard Wright**Instructor in Spanish
B.A., Northwestern University; M.A., Middlebury College
(1960;1960)

ROLLINS INSTITUTE FOR GENERAL STUDIES ADMINISTRATION

- Hugh Ferguson McKean**.....President
- Alfred Jackson Hanna**.....First Vice President
- John Meyer Tiedtke**.....Second Vice President, Treasurer, and Dean of the Graduate Study Programs

Rollins College

- Schiller Scroggs.....Dean of the College, and Dean of the Institute
William T. Edwards.....Director, Master of Arts in Teaching Program
D. Elizabeth Fohl.....Assistant Registrar
Marion Marwick.....Director, Creative Arts Courses
George Sauté.....Director, Community Course Programs and the
School of General Studies
George F. Schlatter.....Director, Patrick Branch of the Institute
Dan A. Thomas.....Director, Graduate Programs in Physics and
Engineering Physics
Charles A. Welsh.....Director, Graduate Program in
Business Administration
Richard S. Wolfe.....Registrar

ROLLINS INSTITUTE FOR GENERAL STUDIES STAFF

- W. Bradley Baker.....Instructor in Biology
B.S., East Kentucky State College; M.A., University of
Kentucky; Ed.D., Florida State University (1961;1961)
Merl W. Baldwin, Jr.Instructor in English
A.B., M.L., University of Pittsburgh (1961;1961)
Walter Eliot Barden.....Instructor in Mathematics
B.S., Rollins College (1961;1961)
John Jackson Bowers.....Assistant Professor of Mathematics
B.A., Wesleyan University; M.S., Ph.D., Carnegie Institute of
Technology (1961;1961)
Bartley Frank Brown.....Instructor in Business Administration
A.B., University of Georgia; M.A., Marshall College; Ed.D.,
University of Florida (1956;1956)
Myrtle Carolyn Burnett.....Assistant Professor in Psychology
B.S., Stout Institute; M.Ed., University of South Carolina;
Ed.D., University of Florida (1961;1961)
Julia Katherine Campbell.....Instructor in Mathematics
A.B., M.A. in Edn., Stetson University (1956;1956)
Alphonse Carlo.....Instructor in Violin and Viola
Graduate, Teacher's Diploma, and post-graduate study,
Juilliard School of Music; Graduate, National Orchestral
Association, New York City (1942;1951)
Katherine Carlo.....Instructor in Piano
Graduate, Institute of Musical Art; Juilliard School of Music;
piano pupil of Carl M. Roeder; study at Yale Summer
School of Music; piano with Bruce Simonds (1942;1953)
Mark Andrew Casey.....Instructor in Woodwinds and Percussion
B. Mus. E., Murray State College (1959;1959)
Nancy Cash.....Instructor in Piano
B. Mus., Florida State University (1961;1961)

Rollins Personnel

- Henry Earl ClementsInstructor in Mathematics
B.S., U.S. Military Academy at West Point; M. S.
Massachusetts Institute of Technology (1961-1961)
- Denis Anthony ConradyInstructor in Mathematics
B.S., U.S. Naval Academy; M.S. in E.E., Massachusetts
Institute of Technology (1960;1960)
- Lloyd Dale DavisInstructor in Mathematics
A.B., Ohio Northern University; M.S., University of Miami
(1961;1961)
- Lewis J. De LauraInstructor in Education
B.Ed., State University of N. Y.; A.M., Teacher's College,
Columbia University (1959;1959)
- Sylvester A. DeMarsInstructor in Mathematics
B.S., University of Pittsburgh; M.S. in E.E., Newark College
of Engineering (1956;1956)
- Vernon Ellsworth DerrAdjunct Associate Professor of Physics
A.B., St. John's College; Ph.D., Johns Hopkins University
(1959;1961)
- Wilbur DorsettAssistant Professor of English
A.B., A.M., University of North Carolina (1946;1948)
- Patricia A. DrabikAssistant Professor in Speech
A.B., Louisiana State University; M.A., Bradley University;
Ph.D., University of Illinois (1960;1960)
- Louis M. EdwardsInstructor in Mathematics
B.S., M.Ed., University of Florida (1956;1956)
- William Thomas EdwardsDirector, Master of Arts in Teaching
Program, Professor of Education
B.A.E., M.A.E., University of Florida; Ph.D., Ohio
State University (1961;1961)
- Arthur E. EschenbachInstructor in Psychology
A.B., Cornell University; M.A., Ph.D., University of Florida
(1959;1959)
- A. Ross EvansAssociate Professor of Business Administration
B.A.E., University of Florida; M.S., Columbia University;
C.P.A., Florida (1949;1957)
- Rudolph FischerInstructor in Cello
A.B., University of Basle; A.M., Rollins College; Gymnasial-
lehrer Staatsexamen, University of Basle; Diplomes pour
l'Enseignement du Français des Universités d'Aix-Marseille
et de Poitiers (1940;1951)
- James J. GallagherInstructor in Physics
B.S., Siena College; M.A., Columbia University (1961;1961)

Rollins College

- Robert H. Glass**Instructor in Mathematics
B.S. in C.E., University of Florida; M.A., Florida Southern
(1958;1958)
- Carolyn Virginia Godbold**Instructor in Art Education
B.A., Columbia College, South Carolina (1959;1959)
- Sarah M. Goodman**Instructor in English
A.B., M.A., Stetson University (1961;1961)
- Ned Webster Hill, Jr.**Instructor in Mathematics
B.S., Florida Southern; M.S., University of Miami (1959;1959)
- Loren B. Hillsinger**Lecturer, Graduate Program in Business
Administration; Instructor, School of General Studies
B.S., U.S. Military Academy at West Point;
LL.B., University of Florida (1960;1960)
- James N. Jamieson**Instructor in Mathematics
B.S., M.S., University of Miami (1960;1960)
- O'Neill Kane**Instructor, Graduate Program in Business
Administration
B.S., U.S. Military Academy at West Point (1960;1960)
- Emilia Eulalia Knight**Instructor in French and Spanish
(1952;1952)
- Murray J. Landsman**Assistant Professor of Psychology
B.S., M.A., Bradley University (1959;1960)
- Charles D. Mahan**Instructor in English
A.B., Marshall College; M.A., University of Kentucky
(1961;1961)
- Gwen Mansfield**Instructor in Piano
B.M., Rollins College (1961;1961)
- George John Marks**Instructor in Mathematics
B.M.E., New York University College of Engineering
(1961;1961)
- Marion Marwick**Director, Creative Arts Program;
Instructor in Piano
Associate, Royal Conservatory of Music, University of Toronto;
graduate study with Alberto Guerrero and Myrtle Rose
(1951;1956)
- Fred Mauk**Instructor in Voice, Piano and Theory
B.M., Rollins College; M. Sacred Music, Union
Theological Seminary, New York (1961;1961)
- George W. Maxwell, Jr.**Instructor in Education
A.B., University of Denver; M.Ed., University of Florida
(1960;1960)
- Philip Theodore May**Instructor in Business Administration
B.A., Laurence College; M.B.A., Indiana University
(1961;1961)

Rollins Personnel

- William J. McEnteeInstructor in Speech
 B.Ed., Duquesne University; M.Ed., University of Pittsburgh
 (1961;1961)
- Margaret Ann McKinneyInstructor in Modern Dance
 Chalif Normal School of Dance, New York; American
 School of Modern Dance, New York (1961;1961)
- Wallace M. NelsonAssistant Professor of Business
 Administration
 B.S., United States Naval Academy; M.Eng.A.,
 George Washington University (1961;1961)
- John William OliverInstructor in History
 A.B., M.A., University of Missouri; Ph.D., University of
 Wisconsin; Litt.D. (1956;1956)
- E. Tyrrell OwenInstructor in Brass Instruments
 B.Mus. Edn., Stetson University (1961;1961)
- Audrey Lillian PackhamProfessor of Education
 B.S. in Edn., Florida State University; A.M.,
 Columbia University (1930;1947)
- Richard E. PasternakAssistant Professor of Business
 Administration
 B.S., Holy Cross College; M.A., Louisiana State University
 (1961;1961)
- Ronald Lindsay PeakerInstructor in Business Administration
 B.S., University of Vermont; M.B.A., Tulane University
 (1961;1961)
- Paul Bernard PickarAdjunct Associate Professor of Physics
 B.S., Pennsylvania State College; M.S., Georgetown
 University; Ph.D., Louisiana State University (1961;1961)
- Carl Dan Pierson, Jr.Adjunct Associate Professor of Physics
 B.S. in E.E., Armour Institute of Technology; M.S., Ph.D.,
 Illinois Institute of Technology (1959;1961)
- Daniel Jack Powell, Jr.Instructor in Business Administration
 A.B., Rollins College; C.P.A., Florida (1960;1960)
- George E. ReavellInstructor in Geography
 A.B., Loras College; M.A., Loyola University (1961;1961)
- Sherry RedlerInstructor in Theatre
 B.A., Adelphi College (1960;1960)
- Paul Thomas RingenbachInstructor in History
 B.A., M.A., Lehigh University (1961;1961)
- Virgil M. RochesterInstructor in Business Administration
 B.A., Furman University; LL.B., University of South Carolina
 (1960;1960)
- Whitney John Rodrigue, Jr.Instructor in Mathematics
 B.A., University of Texas (1961;1961)

Rollins College

- Joseph W. Romita**Associate Professor of Economics
B.S., American International College; M.B.A., University of
Pennsylvania; Ph.D., University of Madrid (1959;1959)
- Joseph J. Rosa**Instructor in Sociology
A.B., Brown University; M.A., Columbia University (1960;1960)
- John Stoner Ross**Associate Professor of Physics
A.B., DePauw University; M.S., Ph.D., University of Wisconsin
(1953;1959)
- George Sauté**Director, School of General Studies,
Community Course Programs
Ph.B., A.M., Brown University (1943;1959)
- George F. Schlatter**Director, Patrick Branch of the Rollins School
of General Studies; Instructor in Mathematics
B.S., U. S. Military Academy at West Point; M.A.T.,
Duke University; Diploma, National War College (1961;1961)
- Marguerite Muller Sibol**Instructor in Mathematics
A.B., Bucknell University; A.M., University of Florida
(1952;1958)
- William Karl Silber**Instructor in Economics
B.A., Lenoir Rhyne College; M.B.A., University of
Pennsylvania (1961;1961)
- Zens Lawrence Smith**Instructor in Mathematics
B.S., Knox College; M.S., University of Chicago (1957;1957)
- Roberto S. Solis, Jr.**Instructor in Spanish
B.S., University of Nebraska (1961;1961)
- Grover M. Stallings**Instructor in Business Administration
B.B.A., University of Georgia; C.P.A. (1957;1957)
- John A. Stanley**Instructor in Brass and Woodwinds
B. Mus. E., Florida State University; M. Mus. Ed.,
Florida State University (1959;1959)
- James M. Stoll, Jr.**Instructor in Mathematics
B.S., Wake Forest College (1956;1956)
- Wendell Cornell Stone**Professor of Philosophy
A.B., Pomona College; Ph.D., Yale University; LL.D.
(1933;1941)
- Martha Straub**Instructor in Violin
B.S. in Mus. Ed., Lebanon Valley College (1959;1959)
- Harold K. Thiell**Instructor in Woodwinds
(1961;1961)
- Dan Anderson Thomas**Director, Graduate Programs in
Physics and Engineering Physics; Professor of Physics
B.S., University of Chattanooga; Ph.D., Vanderbilt University
(1952;1957)

Rollins Personnel

- Mary Repass Troller**Instructor in Art and Ceramics
 B.S., East Tennessee St. College; M.A., Stetson University;
 Diploma in Art, Sullins College (1961;1961)
- Charles August Welsh**Director, Graduate Program in Business
 Administration; Professor of Business Administration
 B.S., M.A., Ph.D., New York University (1955;1962)
- Edgar W. Williams**Instructor in Brass and Woodwinds;
 Conductor, Florida Symphony Youth Orchestra
 B.A., University of Tampa; M.A., University of Maine
 (1957;1957)
- Gordon James Wilson**Instructor in Organ, Piano and Theory
 B.M., B.A., Birmingham-Southern College; M. Mus.,
 Florida State University; A. Mus. D., University of Michigan
 (1960;1960)
- Richard Schuyler Wolfe**Assistant Professor of Mathematics
 B.A., Intermountain Union College; M.A., University of
 Washington (1957;1957)

UNDERGRADUATE LABORATORY ASSISTANTS

- Linda B. Bernstein**Biology
- C. Newton Blakesley**Chemistry
- Ted R. Bradley**Biology
- Matthew L. Carr**Psychology
- David A. Chinoy**Biology
- Frank R. Dunnill**Physics
- Thomas F. Foley**Biology
- Mary C. Gilliam**Biology
- Kenneth S. Graff**Biology
- Jerry F. Green**Biology
- E. Paul Haynes**Physics
- Arthella M. Hines (Mrs.)**Physics
- Lawrence L. Holecek**Chemistry
- Leon L. Hollon**Philosophy
- John F. Hughes**Philosophy
- Charles L. Lathrop**Geology
- Peter A. Marino**Physics
- Robert J. May**Geology
- Joseph W. Mozzer**Chemistry
- John F. Ott**Chemistry
- J. Lee Rogers**Biology
- Ann P. Smith**Biology
- David K. Steffens**Biology
- Judith A. Williams**Biology
- Rosemary A. Wilson**Biology
- Walter W. Wirth**Biology

Organization of the Departments and Divisions of the College

For administrative purposes the departments of the College are organized in five divisions as shown below. Each division elects a chairman to serve for three years. The chairmen of the five divisions, together with the president, three members elected at large, one appointed by the president and the dean as chairman, constitute the Faculty-Administration Committee. This committee studies matters referred to it by the faculty, considers and recommends policy changes to the faculty, and serves as a curriculum committee.

The Divisions

COMMUNICATION AND LITERATURE: English, Foreign Languages

EXPRESSIVE ARTS: Art, Music, Theatre Arts, Speech, Radio

PERSONAL RELATIONS: Education, Library, Religion, Philosophy, Physical Education, Psychology

SCIENCE AND MATHEMATICS: Biology, Chemistry, Geology, Mathematics, Physics

SOCIAL RELATIONS AND BUSINESS: Economics and Business Administration, History and Government, Geography, Sociology and Anthropology

Standing Elective Committees of the Faculty for 1961-1962

FACULTY-ADMINISTRATION COMMITTEE: The president, the dean (Chairman), Mr. Dewart (Communications and Literature), Mr. Dorsett (appointed), Mr. Hellwege (Science and Mathematics), Mr. Rosazza (Expressive Arts), Mr. Ross (at large), Mr. Smith (Social Relations and Business), Mr. Stock (at large), Mr. Waite (Personal Relations), Mr. Wavell (at large).

FACULTY ADVISORY COMMITTEE: Mr. Carroll, Mr. DeGroot, Mr. Granberry

Degrees and Awards

FACULTY REVIEW COMMITTEE: Mr. Carroll, Miss Drinkwater (alternate), Mr. Hufstader, Miss Ortmayer, Mr. Stock, Mr. Thomas

JOINT COMMITTEE OF TRUSTEES, FACULTY, AND STUDENTS:

TRUSTEES: Mr. Craig (Chairman), Mr. Dickie, Mrs. Wilson; **FACULTY:** Mr. Banner, Mr. Dorsett, Mr. Thomas; **STUDENTS:** Jean Dickson, Frank Dunnill, Linda Qualls, Bill Tone.

STUDENT-FACULTY DISCIPLINE COMMITTEE: The Dean, ex officio (Chairman), the Dean of Men, ex officio, the Dean of Women, ex officio; **FACULTY:** Mr. Glasser, Mr. Hamilton, Miss Shor, Mrs. Whitmire; **STUDENTS:** Whit Chase, Jean Dickson, Leon Hollon, Pete Kellogg (alternate), Sally Schreiber (alternate), Nini Thompson, Bill Tone (Chairman).

COMMITTEE ON ADMISSIONS, ACADEMIC STANDING, SCHOLARSHIPS, AND FINANCIAL AID: The Dean (Chairman), Dean of Admissions, Dean of Men, Dean of Women, Registrar, Treasurer, Mr. Chase, Mr. Hellwege, Mr. Lovejoy, Mr. Peterson, Miss Shor, Mr. Vestal. **NOTE:** This committee operates as three sub-committees—Admissions, Academic Standing, Scholarships and Financial Aid—with the Dean of the College serving as chairman of each.

Degrees and Awards

DEGREES AND AWARDS CONFERRED

November 4, 1960

Paul Harold Hudson—Hamilton Holt Medal

Florence McKay Nichol—Rollins Decoration of Honor

December 1, 1960

José Figueres—Hamilton Holt Medal

January 20, 1961

Warren Frederick Kuehl—Hamilton Holt Medal

February 27, 1961

Gordon Williams Blackwell—Doctor of Humane Letters

Allen Stuart Drury—Doctor of Literature

Fred Patterson Ensminger—Algernon Sydney Sullivan Medallion

Thomas Hale Hamilton—Doctor of Laws

Jessie McMurtry Work Noone—Diamond Jubilee Medal

Rollins College

Bernard Adolf Schriever—Doctor of Science
Ordway Tead—Doctor of Letters

April 13, 1961

Chun Ku Huang—Rollins Decoration of Honor
Soo Yong Huang—Rollins Decoration of Honor

April 30, 1961

Wilbur Dorsett—Rollins Decoration of Honor
Raymond Wood Greene—Hamilton Holt Medal

June 2, 1961

George Walter Johnson, II.—Doctor of Laws
The Reverend Robbins Eaton Ralph—George Morgan Ward Medal

"The Class of 1961"

BACHELOR OF ARTS

Carolyn Dee Alderson	Luis Charles Dominguez
Charles Bruce Aufhammer	Mildred Searles Dunlap (With Distinction)
Ann St. Clair Ragsdale Baker	Martha Bond Fairchild
Jay Clough Banker	Dorothy Jane Feise
Jerry Melvyn Beets	Robert Woodrow Fleming
Charles Joseph Bent	Mary Jane Foltz
William Windisch Bentley	Gerald Dixon Frazier
Charles Raymond Berger	Laura Jane Glasser (With Distinction)
Rollin Francis Berger, Jr.	Mary Stevenson Goodall
Ann Harris Berry	Jane Locke Goodnow
Mabel Healis Bexley	Albert Clarke Goss
Johanna Jean Bilbo	Barbara Graham Greene
Richard Arnold Bishop	Robert Grant Griffith
Diane Charmaine Boggs	Fernando Maria Guerrero
Sharon Markham Booz	Leo Francis Hansberry, Jr.
Barbara Zeville Bertash Breen	Susan Bayne Harris
James Paul Brown	William Bryan Hastings, Jr.
Ronald Harold Brown	Hallie Jean Haubenestel
Robert Eric Bunim	Frank Gilbert Healis
Barbara Calick	John Boyd Henriksen, Jr.
Margaret Edith Leila Carrington	Nancy Chaloner Hill
Rodney Theodore Chabot	Jeanette Demetree Hinkle
Alan Nelson Coleman	John Arthur Hirsch
Virginia Bonner Cornell	Thomas Harold Hoffman
Michael John Cortese	John Van Antwerp Holmes
Claude William Crook	Sara Kay Hunt
Cecilia Mary Demetree	Ralph Underhill Hyde, Jr.
Rodney Jefferson Dillard	
Merry Lee Williams Dixon	

Degrees and Awards

William Louis Kahn
Stephen Loewe Kane
Warren Harper Keene
Gerald Francis Kein
William Fenton Kintzing
Marilyn Mae Koepke
Herman Player Langford, Jr.
Donna Ellen Lovalle
Geoffrey Anton Lavoty
James Lewis Levy
Lesta Rhoten Lohman
Nicholas Richard Longo
John Henry Looby
James Ellison Lynn
Jessica MacSwan
James Lyman MaGirl
Dianne Rita Maloney
William Mabrey Manderson
Katherine Meetze Mann
Jesse J. Mautner, Jr.
Sally Ann McCutchen
Charles James McDermott III.
Sandra Lou McEntaffer
James Corbett McKee
June Worthington Mendell
Marian Doris Merz
Margaret Jean Moffatt

Dyer Spring Moss, Jr.
Edward Arnold Murray, Jr.
John Nicholas Muszynski
Sally Ann Olson
Frank Thomas Passini
Genevieve Ann Pendergast
Jean Carole Cooke Pflug
Margaret Anne Powell
Charlotte Welch Probasco
John Benton Reese
Richard Manley Robbins
Frances Wood Roberts
Linda Kay Ross
Celia Meta Salter
Carol Cecile Schlichenmaier
William Schoener, Jr.
Susan Ann Scribner
Ruth Christine Shallenberger
Paula Ann Staples Sholly
Julia Anna Smith
Mary Jane Strain
Martha Hughes Thomas
Barbara Helen Walker
Sally Warner
Virginia Carter Willis
Gustav Zamorsky
(With Highest Distinction)

BACHELOR OF SCIENCE

Charles Harry Anderson
Wolter Eliot Barden, II.
James Steve Browder
(With Distinction)
Cleo Jane Chambliss
Allan Wesley Critchett
Jerry Collins Freeman
Alfred Cope Garrett
Rosalie Carlotta Hallbauer

John Edward Harkness
Elizabeth Ann Jacobs
Gayle Jordan
Aaire Davidson Lehmkuhl
John Elliott Lupo
Sylvia Jeannette Peters
Anun Pora
Tony Milton Toledo

BACHELOR OF MUSIC

Clifford Rudd Berry, Jr.
(Choral Conducting)
Gwendolyn Elaine Mansfield
(Piano)

James Rollin Page
(Piano)
Sandra Sue Wyatt
(Voice and Choral Conducting)

Rollins College

MASTER OF BUSINESS ADMINISTRATION

- Harold Lloyd Burton, B.S.E.E.
Iowa State College
- Robert Cecil Chapman, B.A.E.
Georgia Institute of Technology
- Calvin Davis, M.M.E.
Polytechnic Institute of Brooklyn
- Richard Backer Dawson, B.S.
United States Military Academy
- Van Mark Feltus, Jr., B.S.
United States Merchant Marine Academy
- John Houston Gardiner, Jr., B.S.B.A.
University of Florida
- Donald Paul Giles, B.S.
University of Maryland
- Julius Franklin Gunter, B.E.E.
Alabama Polytechnic Institute
- William Allison Headley, Jr., B.S.A.E.
Virginia Polytechnic Institute
- Seth Brown Moorhead, Jr., B.Aero,E.
Rensselaer Polytechnic Institute
- Robert John Persan, Jr., B.B.A.
Hofstra College
- Bryan Fletcher Smith, Jr., B.E.E.
University of Florida
- Ralph Edward Turner, B.E.E.
The Catholic University of America
- Richard Merrill Van Doren, B.B.A.
University of Miami
- Benedict Matthew Vinicky, B.S.A.E.
The Aeronautical University
- Burton Resverd Washburn, B.S.
The University of Buffalo
- Philip Gregory Weis, B.S.B.A.
Elmhurst College

Honors and Awards 1960-1961

THE ACADEMY OF AMERICAN POETS POETRY PRIZE

Clayton C. Seadeek

**THE THOMAS R. BAKER MEMORIAL PRIZE
IN CHEMISTRY**

Nancy Harlin

Honors and Awards

THE CHI OMEGA SOCIAL SCIENCE AWARD

Sara Kay Hunt

THE J. GORDON CLERK TROPHY

X Club

THE HOWARD FOX LITERARY PRIZE

John Edward Harkness

THE GAMMA PHI BETA ECONOMICS PRIZE

Rosalie C. Hallbauer

THE BARBARA S. GOLDNER SCHOLARSHIP AWARDS

Tau Kappa Epsilon

Gamma Phi Beta

**THE GEORGE CHANDLER HOLT
SCHOLARSHIP TROPHY**

Tau Kappa Epsilon

THE ARTHUR KNOWLES HUTCHINS MUSIC AWARD

Kenneth D. Strickler

THE WALTER B. JOHNSON MEMORIAL AWARD

Tony Milton Toledo

THE KAPPA KAPPA GAMMA TROPHY

Gamma Phi Beta

THE NINA O. DEAN LIBRA LEADERSHIP TROPHY

Chi Omega

THE O'BRIEN INTRAMURAL TROPHY

First Prize:

Second Prize:

Kappa Alpha Theta

Kappa Kappa Gamma

THE OMICRON DELTA KAPPA LEADERSHIP TROPHY

Sigma Nu

**THE CENTRAL FLORIDA ASSOCIATION
OF PHI BETA KAPPA AWARD**

Mary Frances Amick

THE PHI MU ATHLETIC AWARD

Gayle Jordan

ELECTED TO PHI SOCIETY

Susan Altman
Elke Arndt
David Chinoy
Mary McAboy
John McIlvaine

James Mosher
Joseph Mozzer
Martha Niepold
Mortha Page
Virginia Pogue

Rollins College

THE PI BETA PHI DRAMATICS PRIZE

Anne-Lynn Kettles

Gary Brouhard

THE PI GAMMA MU HONOR MEDAL

Rosalie C. Hallbauer

**THE COLONEL RICHARD C. PLUMER
MEMORIAL AWARD**

Rodney J. Dillard

THE GENERAL REEVE AWARDS FOR SCHOLARSHIP

James Steve Browder

Warren Harper Keene

Sara Kay Hunt

Sandra Lau McEntaffer

Frank Thomas Passini

THE ROLLINS PLAYERS PLAQUE

Maggie Carrington

THE SIGMA XI AWARDS

Graduate Scholarship Award:

James Steve Browder

John Edward Harkness

Junior Scholarship Award:

William S. Routh

THE FRED STONE AWARD

Jean Cooke Pflug

THE ALGERNON SYDNEY SULLIVAN MEDALLION

Robert Woodrow Fleming

John Edward Harkness

Sara Kay Hunt

THE WILLARD WATTLES ENGLISH AWARD

Shoreen J. Tews

THE ZETA ALPHA EPSILON BOOK PRIZE

James Steve Browder

Summary of Enrollment

FALL TERM 1961-1962

Geographical Distribution of Students

Alabama	6	New Hampshire	4
Alaska	1	New Jersey	38
Arkansas	1	New York	80
California	2	North Carolina	6
Colorado	3	Ohio	41
Connecticut	48	Oklahoma	2
Delaware	1	Oregon	1
District of Columbia	9	Pennsylvania	28
Florida	282	Rhode Island	3
Georgia	18	South Carolina	7
Hawaii	2	South Dakota	1
Illinois	42	Tennessee	9
Indiana	14	Texas	8
Kansas	4	Vermont	2
Kentucky	15	Virginia	16
Louisiana	2	Washington	2
Maine	6	West Virginia	2
Maryland	15	Wisconsin	3
Massachusetts	38	Wyoming	2
Michigan	12	Canal Zone	1
Minnesota	6	Puerto Rico	1
Missouri	7	Virgin Islands	2
Nebraska	2		

Foreign Countries

Bermuda	1	Greece	2
Canada	2	Italy	1
China	1	Mexico	1
Colombia	3	Netherlands	1
Cuba	1	Peru	1
France	1	Switzerland	1
Germany	1	Venezuela	2

GENERAL SUMMARY FOR FALL TERM 1961-62

Men Students420 Women Students411

TOTAL ENROLLMENT 831*

*This includes 17 unclassified students taking day courses for credit on the Rollins campus.

Rollins College

Students enrolled in General Studies Program for Fall of 1961

Men	390	Women	120
TOTAL		510	

Students enrolled in graduate courses in Business Administration, Physics, and Education for Fall of 1961.

Men	199	Women	31
TOTAL		230	

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Rollins College

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