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Catalogue and General Bulletin

**ARMSTRONG STATE
COLLEGE**

Savannah, Georgia

1975-1976



Armstrong State College is in compliance with Title VI of the Civil Rights Act and does not discriminate on the basis of sex, race, creed, or national origin.

A Four-Year College in the
University System of Georgia

ARMSTRONG STATE COLLEGE

SUMMER FALL

WINTER SPRING

1975-1976

Volume XXXX

Number 15

Membership in

Southern Association of Colleges and Schools
Association of Georgia Colleges

American Association for Colleges of
Teacher Education

● CALENDAR FOR 1975 ●

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Department of Fine Arts
Department of History and Political Science
Department of Languages and Literature
Department of Mathematics and Computer Science
Department of Nursing
Department of Physical Education
Department of Psychology and Sociology

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ACADEMIC CALENDAR

1975-1976

SUMMER QUARTER, 1975

- | | | |
|--------|--------|---|
| May | 16. | Freshman and transfer students should file all papers required in the application for admission by this date. |
| | 30. | Transient students (for Summer Quarter only) should file all papers required in the application for admission by this date. |
| June | 5. | Comparative Guidance and Placement Examination. |
| | 11. | Registration and Regents Examination. |
| | 12. | Classes Begin. |
| | 13. | Last day to register for credit. |
| | 16. | Last day to enroll in any class. |
| | 17. | Regents Examination. |
| | 21. | History and Government examinations (application deadline, May 30). |
| | 24. | Comparative Guidance and Placement Examination. |
| July | 2. | Diagnostic examination for placement in beginning English classes. |
| | 4. | Holiday. |
| | 9. | Diagnostic examination for placement in beginning Mathematics classes. |
| | 14. | Mid-term reports due. |
| | 15. | Comparative Guidance and Placement Examination. |
| | 14-18. | Pre-advisement for the Fall Quarter. |
| August | 8. | Last Day of Classes. |
| | 11-13. | Examinations. |
| | 13. | Graduation. |

FALL QUARTER, 1975

- | | | |
|-----------|--------|---|
| August | 15. | Comparative Guidance and Placement Examination. |
| September | 3. | Freshman and transfer students should file all papers required in the application for admission by this date. |
| | 5. | Diagnostic examinations for placement in beginning English and Mathematics classes. |
| | 15. | First Faculty Meeting. Comparative Guidance and Placement Examination. |
| | 16. | Advisement of sophomores, juniors, and seniors. |
| | 17-18. | Registration. |
| | 18. | Regents Examination. |
| | 19. | Classes begin. |

- 22. Last day to register for credit.
 - 23. Last day to enroll in any class.
 - 23. Institutional Scholastic Aptitude Test.
 - 25. Regents Examination.
- October
- 18. History and Government examinations (application deadline, September 26).
 - 22. Diagnostic examination for placement in beginning English classes.
 - 24. Mid-term reports due.
 - 28. Diagnostic examination for placement in beginning Mathematics classes.
- November
- 27-31. Pre-advisement for the Winter Quarter.
 - 3-7. Pre-registration for the Winter Quarter.
 - 27-28. Thanksgiving Holidays (Begin at 12:30 P.M. on November 26).
- December
- 1. Last day of classes.
 - 2. Reading Day.
 - 3-5. Examinations.
 - 6. Christmas Vacation begins.

WINTER QUARTER, 1976

- November
- 22. Institutional Scholastic Aptitude Test.
- December
- 12. Freshman and transfer students should file all papers required in the application for admission by this date.
 - 27. Comparative Guidance and Placement Examination.
- January
- 2. Registration. Regents Examination.
 - 5. Classes begin.
 - 6. Last day to register for credit.
 - 7. Last day to enroll in any class.
 - 8. Regents Examination.
 - 17. History and Government examinations (application deadline, December 19).
 - 20. Comparative Guidance and Placement Examination.
 - 30. Diagnostic examination for placement in beginning English classes.
- February
- 3. Diagnostic examination for placement in beginning Mathematics classes.
 - 4. Mid-term reports due.
 - 2-6. Pre-advisement for the Spring Quarter.
 - 9-13. Pre-registration for the Spring Quarter.
- March
- 12. Last day of classes.
 - 15-17. Examinations.
 - 18-25. Spring recess.

SPRING QUARTER, 1976

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|----------|--------|---|
| February | 28. | Institutional Scholastic Aptitude Test. |
| March | 8. | Freshman and transfer students should file all papers required in the application for admission by this date. |
| | 20. | Comparative Guidance and Placement Examination. |
| | 26. | Registration. Regents Examination. |
| | 29. | Classes begin. |
| | 30. | Last day to register for credit. |
| | 31. | Last day to enroll in any class. |
| April | 1. | Regents Examination. |
| | 17. | History and Government examinations (application deadline, March 26). |
| | 23. | Mid-term reports due. |
| | 26. | Diagnostic examination for placement in beginning English classes. |
| | 27. | Diagnostic examination for placement in beginning Mathematics classes. |
| | 26-30. | Pre-advisement for the Summer Quarter. |
| May | 3-7. | Pre-registration for the Summer Quarter. |
| | 24. | Comparative Guidance and Placement Examination. |
| June | 4. | Last day of classes. |
| | 7-9. | Examinations. |
| | 9. | Graduation. |

SUMMER QUARTER, 1976

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|------|-----|---|
| May | 17. | Freshman and transfer students should file all papers required in the application for admission by this date. |
| | 22. | Institutional Scholastic Aptitude Test. |
| | 31. | Transient students (for Summer Quarter only) should file all papers required in the application for admission by this date. |
| June | 12. | Comparative Guidance and Placement Examination. |
| | 15. | Registration. Regents Examination. |
| | 16. | Classes begin. |
| | 17. | Last Day to register for credit. |
| | 18. | Last day to enroll in any class. |
| | 19. | History and Government examinations (application deadline, May 28). |
| | 22. | Regents Examination. |
| | | Comparative Guidance and Placement Examination. |
| July | 2. | Diagnostic examination for placement in beginning English classes. |
| | 5. | Holiday. |
| | 6. | Diagnostic examination for placement in beginning Mathematics classes. |

- 8. Mid-term reports due.
- 5-9. Pre-advisement for the Fall Quarter.
- 12-16. Pre-registration for the Fall Quarter.
- 19. Comparative Guidance and Placement Examination.
- August 13. Last day of classes.
- 16-18. Examinations.
- 18. Graduation.

FALL QUARTER, 1976

- August 19. Comparative Guidance and Placement Examination.
- 28. Institutional Scholastic Aptitude Test.
- September 2. Freshman and transfer students should file all papers required in the application for admission by this date.
- 6. Diagnostic examinations for placement in beginning English and Mathematics classes.
- 16. First Faculty Meeting.
- 17. Comparative Guidance and Placement Examination.
- 20. Advisement of sophomores, juniors, and seniors.
- 22. Regents Examination.
- 21-22. Registration.
- 23. Classes begin.
- 24. Last day to register for credit.
- 27. Last day to enroll in any class.
- 29. Regents Examination.
- October 16. History and Government Examinations (application deadline, September 24).
- 25. Diagnostic Examination for placement in beginning English classes.
- November 1. Mid-term reports due.
- 2. Diagnostic Examination for placement in beginning Mathematics classes.
- 1-5. Pre-advisement for the Winter Quarter.
- 8-12. Pre-registration for the Winter Quarter.
- 19. Comparative Guidance and Placement Examination.
- 25-26. Thanksgiving Holidays (begin at 12:30 P.M. on November 24).
- December 3. Last day of classes.
- 6-8. Examinations.
- 9. Christmas Vacation begins.

I. GOVERNING BOARD ADMINISTRATION FACULTY

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Mae Rushing	<i>Library Secretary</i>
Beatrice Taylor	<i>Acquisitions Assistant, Library</i>
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THE FACULTY

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Athletic Director
Assistant Professor of Physical Education

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Instructor in Business Administration

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Instructor in Music

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Professor of English

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Dean for College and Community Services
Associate Professor of Education

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President

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Assistant Professor of Economics

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Assistant Professor of Library Science

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(Academic Skills Laboratory)*

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*Temporary Analyst/Programmer
Temporary Assistant Professor of Computer Science*

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Counselor

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*Temporary Instructor in English
(Academic Skills Laboratory)*

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Instructor in Dental Hygiene

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Professor of Political Science

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Assistant Professor of Nursing

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*Head, Department of Biology
Professor of Biology*

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Professor of Business Administration

WILLIAM R. DeCASTRO, B.S., Florida Southern College; M.B.A., University of Oklahoma

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Instructor in Social Work

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Associate Professor of Psychology

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Professor of Economics

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Catalog Librarian
Assistant Professor of Library Science

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Registrar and Director of Admissions

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Calloway Professor of Literature and Philosophy

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Assistant Professor of Physical Education

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Assistant Professor of Physical Education

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Temporary Assistant Professor of Library Science

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Assistant Director of the "Masquers"

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Professor of English

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Acting Head, Department of Business Administration

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Assistant Professor of Library Science

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Professor of Physical Education*

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Assistant Professor of Library Science*

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Associate Professor of Business Administration

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Comptroller

RICHARD M. STEINKE, B.S., University of Wisconsin, Eau Claire; D.D.S., Marquette School of Dentistry

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*Head, Department of Education
Professor of Education*

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Associate Professor of Physical Education

EMMA ANN THERESA THOMSON, A.S., Armstrong State College.

Clinical Teaching Associate (Dental Hygiene)

FRANCIS M. THORNE, III, B.S., Stetson University; Ph.D., University
of Georgia

Professor of Biology

*GEORGE TRAUTWEIN, B.M., Oberlin College; M.M., Cleveland In-
stitute; Mus. D., Indiana University

Temporary Part-Time Associate Professor of Music

Conductor, Savannah Symphony

D. RAY TRIPP, JR., B.S., The Citadel; M.Ed., University of South
Carolina

Director of Student Financial Aid

PAUL E. WARD, B.S., Georgia Teachers College; M.Ed., Ed.D., Univer-
sity of Georgia

Associate Professor of Education

Director of Professional Laboratory Experiences

ROGER K. WARLICK, B.A., Arizona State University; Ph.D., Boston
University

Head, Department of History and Political Science

Professor of History

JOHN A. WELSH, III, A.B., Davidson College; M.A., Vanderbilt University

Assistant Professor of English

SUSAN S. WHITE, B.S., Winthrop College; M.Ed., University of South Carolina

Assistant Professor of Speech Correction

CHARLES C. WHITE, B.S., East Carolina College; M.A., Southern Illinois University

Assistant Professor of English

MORRIS L. WHITEN, B.S., Ph.D., University of Georgia

Associate Professor of Physics

WILLIAM S. WINN, B.D., A.B., Emory University; M.A., University of North Carolina

Professor Emeritus of Mathematics

CLARKE S. WORTHINGTON, B.A., University of Arizona; M.A., Northern Illinois University; Ph.D., Emory University

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Professor of Psychology

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Director, Health Professions Education Center

Associate Professor of Biology

THOMAS M. ZEPP, A.B., Wofford College; M.A., Ph.D., University of Florida

Assistant Professor of Economics

*Part-time Instructor

**On leave of absence

***Courtesy Appointment

ARMSTRONG COLLEGE COMMISSION

The Commission controls certain endowment and scholarship funds.

DR. IRVING VICTOR, Chairman

MR. EDWARD BARTLETT

MR. Y. A. BEALL, JR.

MRS. KAY KOLE

MR. JOHN RANITZ, JR.

MR. JOSEPH BELL

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DR. DENNIS HARRISON
THOMAS COLEMAN, The Honorable
JOHN P. ROUSAKIS, The Honorable
DR. DONALD E. KNAPP
MR. TED M. KENNEDY

ARMSTRONG STATE COLLEGE IS AN EQUAL OPPORTUNITY EMPLOYER AND IS COMMITTED TO THE OFFERING OF EQUAL EDUCATIONAL OPPORTUNITY TO ALL STUDENTS REGARDLESS OF RACE, SEX, CREED, OR NATIONALITY.



II. HISTORY, PURPOSE AND PROGRAMS

HISTORY OF THE COLLEGE

Armstrong State College was founded on May 27, 1935, as Armstrong Junior College, by the Mayor and Aldermen of the City of Savannah to meet a pressing need for a college in the community. The college was housed in the Armstrong Building, a gift to the city from the family of George F. Armstrong, and over the years built or acquired five additional buildings in the Forsythe Park and Monterey Square areas. The college, as Armstrong College of Savannah, became a two-year unit in the University System of Georgia on January 1, 1959, under the control of the Regents of the University System. In 1962, the Mills B. Lane Foundation purchased a new campus site of over 200 acres located on Abercorn Extension. The new campus, with eight new buildings, was occupied in December, 1965.

In 1964, the Regents conferred upon Armstrong the status of a four-year college, with the right to offer the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Business Administration. President Henry L. Ashmore, who succeeded President Foreman M. Hawes, on July 1, 1964, was charged with the responsibility of developing the institution from junior to senior college status. A junior year was added to the college curriculum in 1966-67, with the senior year added in 1967-68 and the first four-year degrees awarded at the spring, 1968 commencement. The college now offers more than twenty major programs leading to baccalaureate degrees, and, in addition, the two-year associate degree in nursing, dental hygiene, mental health work and in criminal justice. Effective in the 1971-72 academic year, the Board of Regents of the University System of Georgia authorized Armstrong State College and Savannah State College to offer joint programs leading to the M.B.A. and M.S. in Elementary Education degrees. Additional programs in Teacher Education at the secondary level were initiated Summer Quarter, 1972.

The academic community includes approximately 3,500 students and 135 full-time faculty members. Armstrong State College was fully accredited as a senior institution by the Southern Association of Colleges and Schools in December, 1968, with accreditation retroactive to January 1, 1968, and was re-accredited in December, 1972. The Joint Graduate Studies Program was fully accredited by the Southern Association in December, 1973.

PURPOSE

Armstrong State College is a multi-purpose institution offering degree programs in the liberal arts, sciences, and a number of specialized fields. As a service to the community, it also provides a continuing education program

for those who have non-degree objectives. The College strives to maintain the flexibility and adaptability which activated its growth and change of status in less than thirty-five years from a small city-supported junior college to a senior college in the University System of Georgia. Therefore, the College defines its present purpose in the following terms:

to provide modern facilities and a professional staff in an environment that promotes the free exchange of ideas;

to bring each student to a better realization of his own intellectual, emotional, and spiritual potential by providing academic programs in the humanities, natural sciences, and social sciences;

to develop the student's technical and analytical skills through programs leading to professional degrees in a number of areas, including Allied Health, Business Administration, Criminal Justice, and Teacher Education;

to offer opportunities for continuing education through symposia, conferences, institutes, and courses unrelated to degree programs;

to make available the full resources of the College through involvement in research projects, public service activities, and other programs sponsored by the community.

PRE-PROFESSIONAL PROGRAMS

Armstrong State College offers the first two years of programs in engineering, forestry, industrial management, physics; the entire pre-professional programs in dentistry, law, pharmacy, veterinary medicine, medicine, optometry, and other fields. Among specialized pre-professional programs are the following:

Armstrong State College-Georgia Institute of Technology Dual-Degree Program

Upon completion of the first three years of academic work at Armstrong, the student may enroll for two subsequent years at Georgia Institute of Technology. After completing the requirements of the two cooperating institutions, the student will be awarded a baccalaureate degree from Armstrong State College and a baccalaureate degree in one of a number of academic areas from Georgia Institute of Technology. For further information on this dual-degree program, the student should contact the Office of the Dean of the College.

Bachelor of Science Degree Program in Medicine

Any student who completes 140 quarter hours in academic courses at Armstrong State College with an average of C (2.0) or better is eligible, upon successful completion of the prescribed course of study for the first year at an accredited school of medicine, for the degree of Bachelor of Science (Medicine) from Armstrong State College.

Bachelor of Science Degree Program in Dentistry

Any student who completes 140 quarter hours in academic courses at Armstrong State College with an average of C (2.0) or better is eligible, upon successful completion of the prescribed course of study for the first year of an accredited school of dentistry, for the degree of Bachelor of Science (Dentistry) from Armstrong State College.

TWO-YEAR DEGREES

The following two-year degrees are offered as preparation for higher degrees in the liberal arts and professions and for positions in business:

- Associate in Arts.
- Associate in Arts in Nursing.
- Associate in Science in Dental Hygiene.
- Associate in Science in Criminal Justice.
- Associate in Science in Mental Health Work.
- Associate in Arts in Secretarial Studies.

FOUR-YEAR DEGREES

Bachelor of Arts in the fields of history, English, French, music, political science, psychology, economics, and social work.

Bachelor of Science in the fields of biology, chemistry, mathematics, and criminal justice.

Bachelor of Business Administration with concentrations in accounting, management, management-marketing, economics, finance, business education, and information systems.

Bachelor of Science in Education with majors in Mathematics, Physical Education, and Speech Correction.

- Bachelor of Science in Elementary Education.
- Bachelor of Science in Medical Technology.
- Bachelor of Science in Dental Hygiene Education.
- Bachelor of Science in Nursing.
- Bachelor of Music Education.

GRADUATE PROGRAMS

Beginning with the Fall Quarter of 1971, Armstrong State College joined with Savannah State College to offer a joint program of graduate work. Faculty and other resources of both institutions are drawn upon equally to operate the program, and degrees are awarded jointly by the two schools. The Joint Graduate Studies Program offers instruction leading to the Master of Business Administration degree, and the Master of Education degree in Elementary Education and in Special Education (Behavior Disorders) as well as in the secondary teaching fields of Biology, Chemistry, English, Mathematics, History, and Political Science. The master's programs are designed to provide opportunities for further professional growth, for expanding professional and cultural backgrounds, and for extending knowledge and understanding in an area of specialty.

For further information about these programs, contact the Associate Dean for Graduate Studies at either Armstrong State College or Savannah State College, requesting a copy of the Graduate Bulletin.

INTERNSHIP PROGRAMS

Students at Armstrong State College may participate in two state-wide internship programs: the Georgia Intern Program and the State Legislative Intern Program. These programs provide the student with opportunities to observe first-hand and to participate in agency and legislative processes as he works under the direction of and is responsible to an agency or legislative supervisor. In addition to state-wide internship programs, students may participate in local internship experiences. They may receive academic credit for these experiences. They must be enrolled full-time at the College and must be in good academic standing. For further details concerning the requirements for internship programs at the College, please consult the Head of the Department of History and Political Science.

EVENING CLASSES

In addition to the full daytime schedule, Armstrong offers a schedule of classes in the evening, including most of the required courses for some degree programs. Students employed during the day must limit their enrollment to one or two courses each quarter.

OFFICE OF COLLEGE AND COMMUNITY SERVICES

Short Courses, Workshops and Seminars are planned, organized and administered by the office in response to group interest, or to meet a community need brought to the attention of the Dean for College and Com-

munity Services. All are offered on a non-credit basis and, except in a very few cases, there are no special requirements or prerequisites for admission. A brochure of courses, under the heading of "Short Courses" is mailed before the beginning of every quarter; anyone wishing to do so may have his name placed on this mailing list. Subjects covered vary widely; the series is designed to offer something to appeal to almost any adult taste, from Computer Programming to Interior Decoration. The Dean is always glad to arrange courses for candidates preparing to take professional examinations in engineering, insurance, real estate, and in other areas; the college has been approved as an Examination Center for a number of these examinations. One-day workshops are also planned and managed by this office.

NEIGHBORHOOD CONTINUING EDUCATION CENTER

The Neighborhood Continuing Education Center is a cooperative endeavor of Armstrong State College, Savannah State College, Georgia Southern College, and the University of Georgia. The Center provides a continuing education program for low income residents in a Savannah Model Cities area neighborhood. The major objective is to utilize the combined resources of the cooperating institutions to provide educational experiences suited to the needs of the citizens within this area.

OFFICE OF DEVELOPMENT

The purpose of the Office of Development is to promote funding for College programs from sources supplemental to state appropriations and student fees. To accomplish this purpose, the College participates in federal and other grant supported activities and seeks assistance from alumni and friends. From private sources, the College accepts memorial and other gifts for the athletic program, instructional equipment, library books, matching funds for grants, scholarships, and other restricted purposes. Unrestricted contributions are accepted to be used at the discretion of the President to meet special and unforeseen needs. Gifts of any size can be used to add to the library collection in the name of an individual or an agency, although all gifts are acknowledged and published, where appropriate and when requested, by the donor's name. Gifts for scholarships are generally received by the College in one of two ways: the donor specifies support or choice of specific students, with the College serving only as a distribution agent; *or* the donor specifies support of student scholarships generally or scholarships within a broad academic field, with the College identifying the gift by name, if appropriate, and distributing the funds according to standard policies and procedures. Gifts of this latter type are tax deductible. The Director of Development is pleased to provide further information to any prospective donor.

OFFICE OF COMPUTER SERVICES

This office coordinates the campus-wide system of computer services. The Director also provides technical assistance to the faculty and staff of the college in the development of computer programs and systems. Through participation in the University System Computer Network, information processing devices located on campus are connected via a direct telephone line to the large computers located at Georgia State University and the University of Georgia.

ACADEMIC SKILLS LABORATORY

The purpose of the Academic Skills Laboratory is to provide aid for those students experiencing difficulty in the areas of reading, mathematics, or English. An individualized program is planned and conducted after identification of the student's needs through diagnostic procedures.

A student may be referred to the Laboratory by a faculty member or may refer himself. The student may enroll for five to fifteen institutional credit hours per quarter. The student's program may be completed in less than a full quarter, or may be continued over two or more quarters.

STUDENT EXCHANGE PROGRAM WITH SAVANNAH STATE COLLEGE

A student enrolled at Savannah State College or at Armstrong State College as a full-time student has the privilege of taking one course with his Dean's approval at the other college without paying an additional fee. A student may take two courses in his home college paying full fees and one course at the other college, which will be transferred back to his home college, or a student with at least a "B" average in the preceding quarter may take three courses at his home college, paying full fees, and register at the other college for an additional course without additional cost. No restrictions are placed on the number of courses taken at the other college if the student is enrolled in the Joint Graduate Studies Program or in the undergraduate cooperative programs in Music Education, Physical Education, or the undergraduate joint program in Social Work. In the undergraduate programs, however, the student must enroll in major area courses *only* to receive unrestricted enrollment privileges.

The colleges operate a shuttle-bus service between the two campuses to facilitate movement of students who are taking courses on both campuses.

A student may obtain in the Office of the Dean of the College the proper form for permission to register for courses at Savannah State College.

NROTC PROGRAM

Students at Armstrong State College may enroll in the Naval Reserve Officers Training program offered on the Savannah State College campus. For further information, consult the Registrar at Armstrong State College; the Commanding Officer, NROTC Unit, Savannah State College; or the *Savannah State College Bulletin and General Catalog*.

MARINE OFFICER PROGRAMS

Qualified students may apply for an officer program leading to a commission as a Second Lieutenant in the United States Marine Corps. Commissions are offered in both ground and aviation components. The Platoon Leaders Course (PLC) is offered to freshmen, sophomores and juniors who attend precommissioning training during the summer. Financial Assistance and Flight Indoctrination Programs are available. Qualified seniors attend twelve weeks of training in the Officer Candidate Course (OCC) after graduation. No work in this program is offered on campus. For details, contact the placement office or the Marine Officer Selection Officer when he is on campus.

LIBRARY

The Lane Library occupies a central location on the campus. A reading room, individual carrel desks, and student typing and photocopying facilities are on both floors. Reference, periodicals and newspapers, and the loan desk are on the first floor. The second floor contains group study rooms and an audio-visual media center, including audio and video learning stations, record and tape duplication services, and an Instructional Development department to assist faculty and students in the use of closed-circuit television, graphics, and photography.

The Library houses approximately 140,000 total library resources, including 92,000 books and bound periodicals, 6,000 documents and maps, 24,000 microforms, 4,000 records, motion pictures, slides, and video tapes, and 800 newspaper and periodical subscriptions.

The Lane Library's card catalog, a cooperative project of several Savannah area libraries, lists the location of most print and non-print materials in the following libraries: Armstrong State College, Savannah State College, Savannah Public Library, Georgia Historical Society, Memorial Medical Center, St. Joseph's Hospital, Georgia Regional Mental Health Clinic, Candler General Hospital, U.S. Army Corps of Engineers-Savannah District, and the Chatham County Department of Human Resources.

The Lane Library faculty and staff welcomes suggestions for the improvement of its collections and services. Request forms for the purchase or

inter-library loan of library books and other materials are available at the loan desk. Several library science courses are offered to assist students in the orientation and effective use of the Lane Library as well as library reference and research materials.



III. ADMISSION TO THE COLLEGE

GENERAL INFORMATION

Application forms for admission to Armstrong State College are attached to this *Bulletin* and provided by the Admissions Office upon request. An application cannot be considered until all required forms are properly executed and returned to the Admissions Office. Applications should be on file in the Admissions Office at least twenty days before the opening of the quarter in which the applicant wishes to enter.

The applicant must be at least sixteen years old on or before registration date and must give evidence of good moral character, promise of growth and development, seriousness of purpose, and a sense of social responsibility. Armstrong State College reserves the right to examine and appraise the character, the personality, and the physical fitness of the applicant. The College further reserves the right to examine any applicant by the use of psychological, achievement, and aptitude tests and to require additional biographical data and an interview before the applicant is accepted or rejected. If an interview is required, the applicant will be notified.

Armstrong State College reserves the right to refuse to accept any or all of the credits from any high school or other institution, notwithstanding its accredited status, when the College determines through investigation or otherwise that the quality of instruction at such high school or other institution is for any reason deficient or unsatisfactory. The judgment of the College on this question shall be final.

On the basis of achievement as reflected by high school or college grades and academic potential as shown by scores on the Scholastic Aptitude Test, an evaluation of each applicant's readiness to undertake college work will be made. The Admissions Officer may refer any application to the Admissions Committee of the College for study and advice.

The decision as to whether an applicant shall be accepted or rejected shall be made by the Admissions Officer in accordance with admission policies and subject to the applicant's right of appeal as provided in the policies of the Board of Regents of the University System. The Admissions Officer shall, as promptly as practicable, inform the applicant of the action taken upon his application.

The College reserves the right to terminate acceptance of applications when enrollment capacity is reached. The College further reserves the right to reject an applicant who is not a resident of the State of Georgia.

All students enrolled at Armstrong State College are required to affirm that they will abide by the provisions of the Honor Code. For a detailed explanation of the Honor System see the REGULATIONS section of this bulletin.

Specific requirements for admission are discussed below.

REQUIREMENTS FOR FRESHMAN APPLICANTS

1. a. Certificate of graduation from an accredited high school. A transcript of the applicant's high school record must be submitted by the high school directly to the College and must show credit for a minimum of sixteen units, including the following specific subjects:

English—4 units

Mathematics—2 units (One unit must be in algebra, although two units of algebra are desirable. For students entering the engineering or scientific fields, two units in algebra and one of geometry are needed.)

Science—2 units

Social Studies—2 units

Other units sufficient to graduate.

OR b. Successful completion of the General Education Development Test (GED) with no scores less than 45. Applicants who have been awarded their high school equivalence diploma with scores below 45 may be conditionally admitted. A score report form must be submitted directly to the college from the GED testing center where the student took the test or by DAN-TESS, 2318 South Park Street, Madison, Wisconsin 53713 (if the student took the test through the United States Armed Forces Institute while in military service).

2. Satisfactory scores on the Scholastic Aptitude Test of the College Entrance Examination Board. Official results of this test must be filed with the Admissions Office by the final date for submitting application for the quarter in which the student wishes to enroll.

The Scholastic Aptitude Test is given in all states and numerous foreign countries at least six times annually.

Students wishing to make application to take the test may secure application forms from their secondary school principal or counselor, or by writing directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California 94701, for an application form and the *Bulletin of Information* which is available without charge.

3. Application fee of \$10 which must accompany the application form. This fee does not bind Armstrong State College to admit the applicant nor does it indicate acceptance of the applicant's qualifications. The fee will not be credited toward the matriculation fee in the event that the applicant does not enroll as a student. If he wishes to enter the institution at the beginning of a quarter later than that for which he is accepted, he must request reactivation of his application for admission. If he has not enrolled within one year, he must reapply and resubmit the application fee by the date specified.

4. Physical examinations prior to admission are required only for those entering students whose medical history is such that their participation in required physical education instruction is not recommended or is limited, or when the student is under the care of a physician due to a special medical problem. Entering students who are in good health and not under the care of a physician must submit a signed statement to this effect along with their completed application for admission.

CONDITIONAL ADMISSION

Students who score 650 or less on the combined verbal and mathematics sections of the Scholastic Aptitude Test and/or who fail to predict the grade-point average for regular admission must take a battery of tests (relating to English, reading, and mathematics) derived from the Comparative Guidance and Placement Program of the College Entrance Examination Board. These students will be "conditionally admitted" until such time as the results of the battery of tests are available. These tests must be taken before the student first registers for classes. Students who satisfactorily complete the entire battery of tests will be granted full admission status. If any part of the test results is unsatisfactory, the student's "conditional admission" status will be continued and the student will be required to take courses in the Academic Skills Laboratory in his specific area(s) of weakness(es). As long as the student is on "conditional admission" status, he must have the classes in which he enrolls approved by the Head of the Academic Skills Laboratory. A student may demonstrate proficiency by achieving a grade of "Satisfactory" in each Academic Skills Laboratory course required. Any student who remains conditionally admitted for six consecutive quarters from the date of admission or who receives three grades of "Unsatisfactory" in any one Academic Skills Laboratory course will not be permitted to continue at the College. Test dates for the Comparative Guidance and Placement Examination are listed in the Academic Calendar published in this *Bulletin*.

ADVANCED PLACEMENT AND CREDIT BY EXAMINATION

Armstrong State College gives advanced placement, or in some cases college credit, for college level high school courses, on the basis of the student's grade on the Advanced Placement Examination of the CEEB, and approval by the appropriate department head of Armstrong State College.

College credit may be granted for satisfactory scores on the General Examinations of the College-Level Examination Program (CLEP), for satisfactory completion of appropriate courses and tests offered through the United States Armed Forces Institute (USAFI), and for military service schools and experience as recommended by the Commission on Ac-

creditation of Service Experiences of the American Council on Education. Such credits may not exceed more than one-fourth of the work counted toward a degree.

Specifically, the student with a strong academic background may demonstrate competence through departmental examinations and exempt the following courses: Foreign Language 101, 102, 103; History 251, 252; Mathematics 101, 103. Further, the student may be given credit by examination in Natural Science without laboratory (10 quarter hours); History 114, 115 (10 quarter hours); Art 200 (5 quarter hours); Music 200 (5 quarter hours); Mathematics 101 (5 quarter hours — must be validated by passing the second appropriate Mathematics course); and English 121 (5 quarter hours — must be validated by passing English 122).

It is possible for a student, through a combination of the advanced placement and credit by examination programs, to begin his formal instructional program at Armstrong State College as a sophomore.

REQUIREMENTS FOR TRANSFER APPLICANTS

1. Transfer applicants will follow the same procedures as freshman applicants, except that transfer applicants who will have achieved sophomore standing at the time of their entrance will not be required to submit their high school records. Such records may be required by the Admissions Office, but normally the transcripts of previous college records will suffice in place of the high school record. A transfer applicant must ask the Registrar of *each* college he has previously attended to mail an official transcript of his record to the Admissions Office at Armstrong State College, regardless of the transferability of the credits.

2. Transfer applicants who will enter with less than sophomore standing (less than 45 quarter hours completed) must meet entrance requirements of both freshman and transfer applicants and will be required to submit their high school records as well as transcripts of college records.

3. A transfer applicant will not be eligible for admission to Armstrong State College unless he is eligible to return to the last college attended on the date he expects to enter Armstrong. A student who is on suspension from another college because of poor scholarship or for disciplinary reasons will not be eligible for admission.

4. A transfer applicant will be considered for admission to Armstrong State College if, on *all* work attempted at other institutions, his academic performance as shown by his grade point average is equivalent to the minimum standard required by Armstrong State College students of comparable standing. (See chart under Academic Probation and Dismissal Policy on page 67.)

5. Credit will be given for transfer work in which the student received a grade of "D" or above, with the percentage of "D" grades not to exceed twenty (20) per cent of the total hours being transferred. College credit will not be allowed for such courses as remedial English or remedial mathematics or courses basically of secondary school level.

6. Credits earned at an institution which is not a member of the appropriate regional accrediting agency can be accepted on a provisional basis only. A student transferring from an institution which is not a member of a regional accrediting agency must achieve a "C" average on his first fifteen quarter hours of work at Armstrong in order to be eligible to continue. In certain areas he may be required to validate credits by examination. In computing cumulative grade averages, only the work attempted at Armstrong will be considered.

7. The amount of credit that Armstrong will allow for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been earned at Armstrong during that time. A maximum of 100 quarter hours may be transferred from a junior college. (This restriction is waived for students matriculating in the Bachelor of Science degree programs in Nursing and Dental Hygiene Education.) At least half of the courses in the major field must be taken at Armstrong.

8. Not more than one-fourth of the work counted toward a degree may be taken through correspondence or extension courses; no correspondence courses may be used to meet requirements in the major field or the related field for the bachelor's degree. No correspondence course may be taken while a student is enrolled at Armstrong State College without prior approval of the Dean of the College and the head of the department in which the student is majoring. Correspondence credit will not be accepted for courses in English composition or foreign language.

CONTINUING EDUCATION STUDENTS

All military personnel and adults, age 22 years or older, who wish to take regularly scheduled courses for personal enrichment and other non-degree objectives may be enrolled for credit or as auditors. If these students enroll for credit, they must meet all prerequisites for the course involved; if they enroll as auditors, they must have the permission of the instructor involved. Admission of Continuing Education students requires: (1) evidence of high school graduation or possession of GED certificate or (2) transcript from last college attended. Students on probation or suspension will not be permitted to enroll in this program without approval by the Admissions Committee.

A maximum of 45 quarter hours credit may be earned by students enrolled in this classification. Should a degree become the objective of a

Continuing Education student, he must apply for admission as a degree candidate, meeting regular admission requirements.

All college fees apply to students in this classification with the exception of the application fee which is not required until the student requests admission as a degree candidate. Military personnel pay fees in accordance with negotiated military contracts.

READMISSION OF FORMER STUDENTS

A student who has not been enrolled at Armstrong for one or more quarters must apply for readmission on a form provided by the Admissions Office. This requirement does not apply to students who do not register for courses during the summer quarter. A former student who has not attended another college since leaving Armstrong may be readmitted provided he is not on suspension at the time he wishes to reenter. A former student who has attended another college since leaving Armstrong must meet requirements for readmission as a transfer student or as a transient student, whichever is applicable. A student who is readmitted after an absence from the College for more than two years must meet degree requirements as listed in the bulletin in effect at the time of his return.

TRANSIENT STUDENTS

Transient student status means that a student is admitted to Armstrong State College only for a specified period of time, normally for one quarter. An applicant for transient status must file a regular application form and submit a statement from his Dean or registrar that he is in good standing and has permission to take specific courses at Armstrong to be transferred to his own institution when satisfactorily completed. Since transient students are not admitted as regular Armstrong students, transcripts of college work completed elsewhere are not usually required of such applicants. A transient student who wishes to remain at Armstrong longer than one quarter must submit an additional statement from his Dean or Registrar, or he must meet all requirements for regular admission as a transfer student.

ARMSTRONG STATE COLLEGE ACCELERATED PROGRAM FOR HIGH SCHOOL STUDENTS

High school students who have completed the eleventh grade, who have met the criteria for admission to the program and who maintain its standards will be permitted to enroll for college credit in at least one course but not more than two courses each quarter at Armstrong State College while they complete the senior year of high school. Upon graduation from high school, these students will be admitted as regular students of the College.

Through this program, a student may complete over two-thirds of the freshman year of college before he begins his regular college career. Stu-

dents accepted in the program may choose any freshman course for which they meet all prerequisites, with permission of their high school principal or counselor and college advisor.

A student forfeits the privilege of this program if in any quarter his grade in the college course is below C or his high school average in academic courses is below B.

The College will consider a student for this program only upon written recommendation of his high school principal or counselor. In the view of the College, it is only these individuals who can judge the circumstances that may make the program valuable and practicable for any student.

To be admitted to the program a student must satisfy all of these criteria:

1. written recommendation by the Principal or counselor of the high school;
2. completion of the eleventh grade in an accredited high school;
3. A combined verbal and mathematics score of 1000 on CEEB tests.

EARLY ADMISSION AND JOINT ENROLLMENT PROGRAMS

Armstrong State College offers an early admission program for those students who have completed the eleventh grade in high school and who have demonstrated outstanding academic potential. The criteria for admission to this program are the same as those listed for the Accelerated Program.

Additionally, the college cooperates with the Chatham County School System in the offering of a joint enrollment program which is an early admission program allowing the student to enroll full-time at the college while remaining on the rolls of his local high school. After successfully meeting all established criteria for the early admission program, the student will be awarded a high school diploma at the end of his freshman year in college. The college Admissions Committee must approve all applicants accepted for admission to the joint enrollment program. For further information on this program the prospective applicant should consult his high school counselor and/or request information from the Admissions Office at Armstrong State College.

FOREIGN STUDENTS

It is recommended that, whenever possible, foreign students begin their attendance at the College in the fall quarter. The college also recommends

that a foreign student attend an ELS language center prior to enrollment. (Applications for ELS are available from the Admissions Coordinator, ELS Language Centers, 3331 Ocean Park Blvd., Suite 201, Santa Monica, California 90405.)

A student from a country other than the United States who is interested in attending Armstrong must meet the following requirements before application is made:

1. He must have met the requirements of freshman applicants.
2. He must have an official transcript of his academic record mailed to the Admissions Office at Armstrong with an official translation.
3. He must take the SAT of the College Entrance Examination Board in the testing center nearest his home and ask that the results be sent to Armstrong.
4. He must take the Test of English as a Foreign Language and ask that the results be sent to Armstrong. (Applications for the test are available from the Educational Testing Service, Box 899, Princeton, N. J. 08540.)
5. He must submit a statement of financial resources prior to attendance.

If the applicant meets the academic requirements for admission, he will be sent an application form. After it has been returned and approved, the applicant will be sent an 1-20 Form (1-20A and 1-20B), which he can take to the American consul to ask for a student visa. When he arrives on campus, he will be tested in English composition for class placement.

No scholarships are available for students who are not legal residents of Georgia. All foreign students must pay non-resident fees.

ADMISSION OF VETERANS

After having been accepted at Armstrong State College and upon receipt of Certification of Eligibility and Entitlement from the Veterans Administration, veterans may attend under Public Law 358 (Veterans Readjustment Benefit Act of 1966), Public Law 815 (disabled), Public Law 894 (disabled), Public Law 634 (war orphans), or Public Law 361 (children of permanently disabled veterans). Students under Public Laws 358, 361, or 634 should be prepared to pay tuition and fees at the time of registration.

APPLICANTS SPONSORED BY VOCATIONAL REHABILITATION

Those applicants sponsored by Vocational Rehabilitation or other community agencies must apply at least six (6) weeks before the beginning of any quarter to insure proper processing of applications.

REGISTRATION

Complete instructions concerning registration are made available to all students at the beginning of the registration period. Registration includes counseling, academic advisement, selection of courses, enrollment in classes, and payment of fees. Full details regarding registration are provided to all incoming students after they have been approved for admission to the College.

RESIDENCY REQUIREMENTS OF THE BOARD OF REGENTS

To be considered a *legal* resident of Georgia, the applicant must establish the following facts to the satisfaction of the Registrar.

1. (a) If a person is 18 years of age or older, he or she may register as a resident student only upon a showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.

(b) No emancipated minor or person 18 years of age or older shall be deemed to have gained or acquired in-state residence status for fee purposes while attending any educational institution in this State, in the absence of a clear demonstration that he or she has in fact established legal residence in this State.
2. If a person is under 18 years of age, he or she may register as a resident student only upon a showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
3. A full-time faculty member of the University System and his or her spouse and dependent children may register on the payment of resident fees even though he or she has not been a legal resident of Georgia for the preceding twelve months.
4. Non-resident graduate students who hold teaching or research assistantships requiring at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.

5. Full-time teachers in the public schools of Georgia and their dependent children may enroll as students in the University System institutions on the payment of resident fees, when such teachers have been legal residents of Georgia for the immediately preceding nine months, were engaged in teaching during such nine month period, and have been employed to teach full time in the public schools of Georgia during the ensuing school year.
6. All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence shall have the same privilege of qualifying for resident status for fee purposes as a citizen of the United States.
7. Foreign students who attend institutions of the University System under financial sponsorship of civic or religious groups located in this State, may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.
8. If the parents or legal guardian of a minor change his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve month period the student may continue his registration only upon the payment of fees at the non-resident rate.
9. In the event that a legal resident of Georgia is appointed as guardian on a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of court appointment, and then only upon proper showing that such appointment was not made to avoid payment of the non-resident fees.

ADMISSION TO THE ASSOCIATE IN ARTS DEGREE PROGRAM IN NURSING

Nursing calls for a variety of skills and aptitudes and offers unlimited opportunities for different kinds of service. Therefore, a candidate for the nursing program should have good physical and mental health as well as those personal qualifications appropriate for nursing. For these reasons the Admissions Committee selects students whose abilities, interests, and personal qualities show promise of success in the program and in the field of nursing. Since applications are processed as received, applicants are encouraged to apply early in the senior year of high school or as early in the year preceding admission as possible. The preferred age for applicants, married or single, at the time of entrance is 18. The State of Georgia requires, as do most other states, United States citizenship, either natural

born or naturalized, for registered nurse licensure. Candidates for admission to the nursing program who are not citizens may be admitted only under certain circumstances and should make individual inquiries.

Criteria for Admission

All admissions to the Associate in Arts Degree Program in Nursing are on a space available basis. The deadline for completed applications for the Fall Quarter of each year is April 15. The following are criteria for admission to the Program:

Applicants who meet the *desired* criteria will be eligible for admission to the Program:

1. A minimum combined verbal and mathematics SAT score of 800.
2. A 2.5 or better high school gradepoint average.
3. A predicted freshman gradepoint average of 2.0 or better.
4. A score at or above the 65th percentile on the Nursing Admissions Test.
5. A 2.0 college gradepoint average (if applicable).

Applicants who meet the *minimum* criteria for admission will be reviewed by an Admissions Committee in the Department of Nursing. Priority for admission will be given to those who have completed applications at the time of review. The minimum criteria are:

1. A combined verbal and mathematics SAT score of 750 to 799.
2. A 2.0 to 2.499 high school gradepoint average.
3. A predicted freshman gradepoint average of 1.85 to 2.0 or better.
4. Scores at or above the 50th percentile on the Nursing Admissions Test.
5. A 2.0 college gradepoint average (if applicable).

Applicants who meet neither the desired nor the minimum criteria for admission may enter the *Guided Studies Program*. Those not admitted to the Associate Degree Program, even though they meet minimum criteria for admission may also elect to enter the Guided Studies Program. Admission to Guided Studies does not automatically admit students to the Associate Degree Program. Those admitted to Guided Studies should consult with the Head of the Department of Nursing concerning the requirements that they must meet before they will be considered for admission to the Associate Degree Program. The minimum criteria for participation in the Guided Studies Program are:

1. A combined verbal and mathematics SAT score of 725 to 749.
2. A 1.8 to 2.0 or better high school gradepoint average.
3. A predicted freshman gradepoint average of 1.6 to 2.0 or better.
4. Scores at or above the 40th percentile on the Nursing Admissions Test.

How To Apply

1. Complete the application form for admission to Armstrong State College and return it with the non-refundable \$10 application fee. Mark the application For Nursing Only.
2. Take the Scholastic Aptitude Test given by the College Entrance Examination Board as early in the year as possible. When applying for the test, be certain to list Armstrong State College as one college to receive the scores.
3. Have a transcript of your high school record mailed from the high school directly to the Admissions Office at Armstrong. (A transfer student should also ask the Registrar of *each* school or college she/he has previously attended to mail an official transcript of her/his record to the Admissions Office at Armstrong, regardless of the transferability of the credits).
4. Complete the Personal Data Sheet for the nursing program.
5. Have the dental form completed by a dentist and mail to the Department of Nursing.
6. Take a battery of aptitude tests on one of the dates scheduled on campus. Applications for this test may be obtained from the Department of Nursing at Armstrong State College or from the Director of Admissions at Armstrong State College
7. Send, or have sent, two letters of reference directly to the Department of Nursing from non-family members (teachers, employers, or other qualified persons) who have known you for at least three years.
8. Send, or have sent, to the Department of Nursing a certified copy of your birth certificate.

Other Information

1. It is recommended that applicants who have been away from school for a considerable period of time enroll in at least one course in an accredited college of their choice during the school year or summer preceding their planned entrance to the nursing program.
2. Except in unusual circumstances, no credit will be given for nursing courses taken in another school of nursing.

3. An applicant on academic suspension or probation from another college will not be considered.
4. Nursing students are responsible for providing their own transportation to and from campus to the clinical area (i.e., community hospitals and other health agencies).
5. Armstrong State College does not provide student housing. The responsibility for procuring suitable housing rests with the student. For further information regarding housing, please contact the Office of Student Affairs.
6. Students are required to wear the official student uniform of the nursing program. Uniforms will be ordered during the Fall Quarter.
7. General fees for a nursing student will be the same as for any other student at Armstrong. Please refer to the Fees section of the current *Bulletin*.
8. Students are admitted to the nursing sequence courses once each year in the fall. Six consecutive quarters in the nursing program are required. Students may begin the academic courses required in the program in any quarter.
9. All nursing courses must be taken in sequence. Each nursing course has a prerequisite beginning with Fundamentals of Nursing.
10. All students must take a Nursing Admissions Test except those with a baccalaureate degree.
11. Students accepted for the nursing program will be sent information on supplies and equipment needed for the Fall Quarter approximately two weeks before the opening of school with approximate charges.
12. Admission to Armstrong State College does not in any way guarantee formal admission into the nursing program. Formal admission to the program is dependent upon a student's obtaining a passing grade of "C" in nursing and maintaining an overall 2.0 average first quarter.

ADMISSION TO THE BACHELOR OF SCIENCE DEGREE PROGRAM IN NURSING

This program is designed to prepare the Registered Nurse to plan, organize and function in middle management nursing positions in today's hospitals and health agencies. The prospective candidate for the Bachelor of Science degree in Nursing must meet all criteria for admission to Armstrong State College.

How to Apply

1. Complete the application form for admission to Armstrong State College according to directions. Mark the application FOR NURSING ONLY — B.S. Program.
2. Have a transcript of your high school, college and school of nursing records mailed to the Admissions Office, Armstrong State College, 11935 Abercorn Street, Savannah, Georgia 31406.
3. Complete the Personal Data Sheet for the Department of Nursing — B.S. Program.
4. Have the dental form completed by a dentist.
5. Take Qualifying Exams for nursing courses as applicable.
6. Have two written letters of reference (one from Director of School of Nursing and one from current or last employer) sent directly to the Armstrong Admissions Office.
7. Contact Department of Nursing for appointment to discuss academic status.

Other Information

1. Graduation from a state approved school of nursing (associate degree program or hospital diploma program) is a requirement for admission to the B.S. degree program in Nursing.
2. Credits earned by graduates of an associate degree program conducted by a legally constituted degree granting institution will transfer.
3. The number of credits allowed a diploma school graduate will be determined by an evaluation of the applicant's school of nursing transcript based on criteria developed for the program.
4. Those applicants who have not been actively employed in nursing within the previous five years, or who have graduated from a diploma school, will be required to take validating examinations. Satisfactory scores must be achieved in order to receive credit for prior nursing education.
5. All candidates for the Bachelor of Science Degree in Nursing must have passed the state board licensing examination for registered nurses. This requirement must be met prior to application for graduation.

6. The last forty-five quarter hours of the degree program, must be earned at Armstrong State College.

ADMISSION TO THE ASSOCIATE IN SCIENCE DEGREE PROGRAM IN DENTAL HYGIENE

The profession of Dental Hygiene is an ideal career for individuals interested in science and health services. The growing and constant demand for graduate dental hygienists assures regular hours and good compensation.

A dental hygienist works under the general supervision of a dentist and performs a number of dental functions. The hygienist's activities usually include performing oral prophylaxis (cleaning of the teeth), instructing patients in dental health, taking, developing and mounting dental x-rays, applying fluorides and sometimes assisting the dentist in chairside and laboratory duties.

There are certain personal qualifications which are essential for a successful dental hygienist. These are good health, neat appearance, high moral character, a desire to be of service to others, and the ability to get along well with people.

The Armstrong State College program consists of seven quarters of full time study (two academic years and the intervening summer). Applicants are matriculated once each year, in September.

There are no definite age requirements or restrictions for the basic Dental Hygiene program. However, all applicants must be graduates of an accredited high school or its equivalent. Students may be either married or single and must be citizens of the United States, either natural born or naturalized.

Applicants must meet the admission requirements for Armstrong State College and the Department of Dental Hygiene.

The major part of an applicant's secondary school work should be in the college preparatory program and should include two years of mathematics. Because of the heavy emphasis on science in the dental hygiene curriculum, it is important that applicants have a good foundation in chemistry and biology. The quality of the candidate's work in high school English and social studies is most important in evaluating total qualifications for admission to the Dental Hygiene program. Other factors which influence the decision of the Dental Hygiene admissions committee are: a "C" or better average in high school and an acceptable score (composite-verbal and mathematical) on the Scholastic Aptitude Test given by the College Entrance Examination Board and on the Dental Hygiene Aptitude Test.

How to Apply

1. Complete the application form for admission to Armstrong State College and return it with the non-refundable \$10 application fee. Mark the application *For Dental Hygiene only*.
2. Complete the Personal Data Sheet for the dental hygiene program.
3. Have the dental form completed by a dentist.
4. Take the Scholastic Aptitude Test given by the College Entrance Examination Board as early in the year as possible. When applying for the test be certain to list Armstrong State College as one college to receive your scores.
5. Have a transcript of your high school record mailed from the high school directly to the Admissions Office at Armstrong. (A transfer student should also ask the Registrar of *each* school or college previously attended to mail an official academic transcript to the Admissions Office at Armstrong, regardless of the transferability of the credits).

Other Information

1. It is recommended that applicants who have been away from school for a considerable period of time enroll in at least one course in an accredited college of their choice during the school year or summer preceding their planned entrance to the Dental Hygiene program.
2. For the Associate in Science Degree, no credit will be given for Dental Hygiene courses taken in another school of Dental Hygiene, unless specifically approved by the Head of the Department.
3. An applicant on academic suspension or probation from another college will not be considered.
4. Dental Hygiene students are responsible for providing their own transportation to and from campus and to community agencies when assigned for field experiences.
5. Armstrong State College does not provide student housing. The responsibility for procuring suitable housing rests with the student. For further information regarding housing, please contact the Office of Student Affairs.
6. Students are required to wear the official student uniform of the Dental Hygiene Program. Uniforms will be ordered during the Fall Quarter.

7. General fees for Dental Hygiene students will be the same as for any other student at Armstrong. Please refer to the Fees section of the current *Bulletin*.
8. Students are admitted to the Dental Hygiene sequence courses once each year in the fall. Seven consecutive quarters in the Dental Hygiene program are required. Students may begin the academic courses required in the program in any quarter.
9. All Dental Hygiene clinical courses must be taken in sequence. Each Dental Hygiene course has a prerequisite beginning with Dental Hygiene 101.
10. It is recommended that all students take the Dental Hygiene Aptitude Test. In order for the test scores to reach the Dental Hygiene Department prior to April 15th, the test should be taken during the fall or winter testing period.
11. Students accepted for the Dental Hygiene program will be sent information on supplies and equipment needed for the Fall Quarter approximately two weeks before the opening of school with approximate charges.
12. Admission to Armstrong State College does not in any way guarantee formal admission into the Dental Hygiene Program.

ADMISSION TO THE GRADUATE PROGRAM

Information concerning admissions requirements for graduate programs is available in the *Graduate Bulletin*. Further information may be obtained from the Associate Dean for Graduate Studies at either Armstrong State College or Savannah State College.

IV. FEES

APPLICATION FEE

The Application Fee of \$10.00 is paid by each student at the time of initial application for admission to Armstrong State College. The acceptance of the Application Fee does not constitute acceptance of the student. This fee is not refundable.

In addition to the application fee mentioned above, a deposit of \$50.00 is required of all dental hygiene applicants who are accepted for admission. This deposit is applied against registration fees during the first quarter of attendance. If the student does not enroll, the deposit is not refundable.

MATRICULATION FEE

The Matriculation Fee for students registering on campus for the normal course load of fifteen hours is \$132.00. Students carrying less than 12 credit hours on campus in a quarter will pay at the rate of \$11.00 per quarter hour in Matriculation Fees. Students who register for off-campus credit courses will pay at the rate of \$14.00 per credit hour.

OUT OF STATE TUITION

Non-residents of Georgia must pay a fee of \$216.00 per quarter in addition to all regular fees. Students carrying less than 12 credit hours in a quarter who are not legal residents of the State of Georgia will pay at the rate of \$18.00 per quarter hour Out-of-State Fee in addition to all regular fees. Students who register for off-campus credit courses will pay at the rate of \$18.00 per quarter hour Out-of-State Fee in addition to all regular fees.

STUDENT ACTIVITY AND HEALTH/SERVICE FEES

There will be a Student Activity Fee (\$12.50) and a Health/Service Fee (2.50) per quarter for all students enrolled in the undergraduate program. Students enrolled in the graduate program will pay these fees, if enrolled for six hours or more.

ATHLETIC FEE

There will be an Athletic Fee of \$5.00 per quarter for all students enrolled in the undergraduate and the graduate program.

APPLIED MUSIC FEES

Applied music courses consist of one or two twenty-five minute private lessons per week. A special fee of \$31.00 for one twenty-five minute lesson or \$62.00 for two lessons is charged quarterly to students not admitted to a music degree program and to music majors not enrolled for ten or more quarter hours of credit. This fee is refundable only when the student has not met his first lesson.

LATE REGISTRATION FEE

A late registration fee of \$4.00 will be charged to students registering on the date listed in the catalog as the date on which classes begin. A fee of \$5.00 will be charged for registrations completed on the date listed in the catalog as the "last day to register for credit." This fee is not refundable.

CHANGE OF SCHEDULE FEE

A fee of \$2.00 is charged for the changing of a student's schedule after the registration cards have been processed. No charge is made if the change is initiated by the College. This fee is not refundable.

GRADUATION FEE

A Graduation Fee of \$20.00 will be collected from each candidate for Graduation.

TRANSCRIPT FEE

Each student is entitled to one official transcript of his college work. The charge for additional copies is \$1.00 each.

SUMMARY OF FEES

Matriculation, per quarter	\$132.00
Student Activity, per quarter	12.50
Health/Service, per quarter	2.50
Athletic, per quarter	5.00
TOTAL FOR GEORGIA RESIDENTS	\$152.00
Out of State Tuition, per quarter	\$216.00
TOTAL FOR NON-RESIDENTS	\$368.00
Matriculation Part-time Students per quarter hour	\$ 11.00
Non-Resident Tuition, Part-time Students, per quarter hour (in addition to Matriculation Fee)	\$ 18.00

PRIVILEGE FEES

Application Fee	\$10.00
Late Registration—Maximum.	5.00
Graduation Fee.	20.00
Transcript, first one free, each additional	1.00
Change of Schedule	2.00
Applied Music Fee	31.00/62.00
Dental Hygiene Deposit	50.00

REFUNDS

Refunds of fees will be made only upon written application for withdrawal from school. No refunds will be made to students dropping a course. Privilege fees are not refundable. Students who formally withdraw on the date of scheduled registration or during one week following the scheduled registration date are entitled to a refund of 80% of the fees paid for that quarter. Students who formally withdraw during the period between one and two weeks after the scheduled registration date are entitled to a refund of 60% of the fees paid for that quarter. Students who formally withdraw between two and three weeks after the scheduled registration date are entitled to a refund of 40% of the fees paid for that quarter. Students who formally withdraw during the period between three and four weeks after the scheduled registration date are entitled to a refund of 20% of the fees paid for that quarter. Students who withdraw after a period of four weeks has elapsed from the scheduled registration date will be entitled to no refund of any part of the fees paid for that quarter.

Fees and Charges are Subject to Change at the End of any Quarter.

Any student delinquent in the payment of any fee due to the college will have grade reports and transcripts of records encumbered, and will not be allowed to re-register at the college for a new quarter until the delinquency has been removed.

Fees for each quarter are to be paid in full at the time of registration.

If a check is not paid on presentation to the bank on which it is drawn, the student's registration will be cancelled and the student may re-register only on payment of a \$5.00 service charge.

SHORT COURSES

Fees are announced for each quarter when the course is scheduled by the College. No refund can be made for withdrawal from a short course.

V. FINANCIAL AIDS

FINANCIAL AIDS

Armstrong State College subscribes to the principle that the primary purpose of a student financial aid program is to provide financial assistance to students who, without such assistance, would be unable to attend college. Financial assistance from Armstrong State College should be viewed as supplementary to the efforts of the student and/or family. An assessment of parental ability to contribute toward the student's educational expenses is made by the College Scholarship Service so that neither the parent, the student, nor Armstrong State College be required to bear an undue share of the financial responsibility.

APPLICATION INFORMATION

An applicant for student financial aid at Armstrong must:

- (1) be enrolled or accepted for enrollment at the College;
- (2) obtain a copy of the Armstrong State College Request for Student Financial Aid, complete the form, and return it by 1 April for the coming academic year;
- (3) submit a College Scholarship Service financial statement to the Office of Student Financial Aid by 1 April for the coming academic year.

It may be necessary to complete additional forms depending on a student's year in school, major course of study, and/or eligibility for a particular program. Applications for financial assistance must be repeated annually. Most student financial aid awards are for the entire academic year, with payments made to the student in equal quarterly installments. A student may, however, apply and be considered for financial assistance during the academic year, if funds are available.

All student financial aid awards are contingent upon the availability of funds and the recipient's maintaining satisfactory progress toward a degree. Also, each recipient must maintain good academic standing as defined in this *Bulletin*.

The minimum number of hours for which a student financial aid recipient may enroll per quarter varies from program to program. Most require at least 10 hours per quarter, and some require full-time status, or at least 12 hours per quarter.

CATEGORIES OF AID

The College provides necessary financial assistance through grants/scholarships, work, and/or loans. Grants and scholarships are awards that require neither service nor cash repayments. Opportunities for part-time employment are provided for eligible students, usually on-campus, who are paid federal minimum wages on an hourly basis. Loans require cash repayment, service repayment, or a combination of both. These funds are made available through the federal government, state government, and local sources.

FEDERAL ASSISTANCE

The *BASIC EDUCATIONAL OPPORTUNITY GRANT PROGRAM* currently makes awards to eligible students who began post-secondary education after 1 April, 1973. An additional application form is required.

The *SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT PROGRAM* is available to eligible students who establish exceptional financial need as determined by the College Scholarship Service. The minimum award is \$200.00 per academic year. The maximum may not exceed one-half of the student's established need, nor can it be more than one-half of the financial assistance supplied through the College.

Currently, the *COLLEGE WORK-STUDY PROGRAM* allows an eligible student to work each class day during the quarter. Satisfactory work performance is mandatory.

A *NATIONAL DIRECT STUDENT LOAN* may be awarded to an eligible student who has established a need through the College Scholarship Service. Interest will be computed at the rate of three percent per annum simple interest on the unpaid principal balance. Interest is not charged and repayment is not required until nine months after the borrower ceases to be a student.

FEDERAL NURSING STUDENT LOANS AND/OR SCHOLARSHIPS are available to students who have: (1) established a financial need through the College Scholarship Service, (2) been accepted for enrollment by Armstrong State College, and (3) been admitted to the Nursing Program by the Department of Nursing.

In-service criminal justice personnel may qualify for a grant and/or loan under the *LAW ENFORCEMENT EDUCATION PROGRAM*. Awards are made on a priority basis. An additional application is required.

STATE ASSISTANCE

GEORGIA HIGHER EDUCATION ASSISTANCE CORPORATION.

Under this program, guaranteed loans are provided by private lending institutions to residents of Georgia. The loans accrue interest at the rate of 7 percent simple interest. Loans are made by lending institutions that have signed a contract with and have the guarantee of the GHEAC. The process involves application for the loan by the student and parents, certification by the educational institution, and final approval by the GHEAC. Applications may be obtained from the Student Financial Aid Office at Armstrong.

GEORGIA INCENTIVE SCHOLARSHIPS are awarded to residents who began post-high school education after 1 April, 1974, and whose eligibility has been determined by the College Scholarship Service financial analysis. All veterans who were residents of Georgia at the time of their entry into military service may apply.

The *BOARD OF REGENTS' FUND* sponsors a program under which Georgia residents may qualify for financial assistance at units of the University System. Applicants must be in the upper 25% of their class and have established a financial need through the College Scholarship Service. Recipients must agree to work in the state, at an occupation for which they are qualified educationally, one year for each \$1,000 received. If unable to meet this obligation, the student is expected to repay the full amount with interest at the rate of 3 percent simple interest.

Students may be recommended for employment on the *INSTITUTIONAL STUDENT ASSISTANTS PROGRAM*. Some departments and offices of the College have funds available to hire student workers. Initial contacts should be made by the interested with the appropriate department head.

LOCAL ASSISTANCE

INSTITUTIONAL SHORT-TERM LOANS are available to students for a maximum of sixty days. Interest shall accrue at the rate of 3% per annum. There are four short-term loan accounts: General, Nursing, Exchangette, and Kiwanis. Monies for the General Fund have been provided by the following sources:

- John Bravo Memorial
- Rensing Loan
- Rho Beta Chapter of Alpha Phi Omega
- Senior Class
- Sigma Kappa Sorority
- Special Loans

Stephen Davis Memorial
Union Camp Corporation

Applications are available in the Office of Student Financial Aid.

Dental Hygiene students may apply for scholarship and/or loan funds from the *PADEREWSKI MEMORIAL FUND*. Interested students should contact either the Head of the Dental Hygiene Department or the Office of Student Financial Aid.

Armstrong State College accepts scholarship applications throughout the year. Most awards are made annually during the summer. Scholarships are awarded when:

- (a) an agency notifies the College of its intention to award a scholarship to a specified student, or
- (b) an agency informs the College that it will award scholarships to a specific number of students selected by the Student Financial Aid Committee.

The following is a partial list of scholarship donors for the 1974-75 academic year:

American Business Womens Association - Rebel and Hostess City Chapters
Anthony Porter Scholarship
Fraternal Order of Police
Georgia Pacific Foundation
Great Dane Trailers, Inc.
Harry M. Carter Scholarship
Hodge Foundation
Kiwanis Club
McCallum Memorial Scholarship
Rotary Club
Savannah Jaycees
Union Camp Corporation
Winn-Dixie Stores, Inc.
Women's Auxiliary of the Georgia Medical Society

Students may wish to obtain further information about the programs listed below from the addresses provided:

Pickett and Hatcher Educational Fund
P. O. Box 1238
Columbus, Georgia

Ty Cobb Foundation
244 Washington Street, Room 448
Atlanta, Georgia 30334
(Deadline for applications 1 May)

William F. Cooper Educational Fund
Trust Department
Savannah, Bank and Trust Company
Savannah, Georgia
(Apply between 1 January and 31 May)

GRADUATE STUDENTS

Graduate Students may establish eligibility in the following programs:

National Direct Student Loan Program
College Work-Study Program
Institutional Short-Term Loans
Board of Regents' Fund

GOVERNMENT BENEFITS

SOCIAL SECURITY ADMINISTRATION: Social Security provides monthly benefits to children when a parent (a) dies, (b) starts receiving Social Security retirement, or (c) starts receiving disability benefits. Payments can be made until age 22, provided the child is a full-time student in an educational institution. Benefits can continue until the end of the quarter of attainment of age 22, if requirements for a bachelor's degree are not complete. Once Social Security benefits begin, it is the individual's responsibility to notify the Social Security office if he transfers to another school, if he withdraws from school, or if he reduces his hours below full-time attendance. The individual must also notify the Social Security Administration if he marries, if he is adopted, or if he earns more than \$2,520 a year. Students who want to file applications, report changes, or receive more information should contact their Social Security Office.

VETERANS SERVICES: See Section VII: Student Services, Activities.

VOCATIONAL REHABILITATION: The Georgia Vocational Rehabilitation Program provides financial assistance for the applicant who possesses an impairment which would prove to be a vocational handicap. The Office of Vocational Rehabilitation may pay the cost of tuition, books, and fees. Students who think that they may qualify under this program should contact one of the area Vocational Rehabilitation Centers located throughout the state. The Savannah Center is located at 420 Mall Boulevard. Applicants sponsored by Vocational Rehabilitation or other community agencies must apply at least 6 (six) weeks before the beginning of any quarter to insure proper processing of applications.

VI. ACADEMIC REGULATIONS

ACADEMIC ADVISEMENT

Academic advisement is made available to each student at Armstrong State College. The Dean of the College gives overall direction to the advisement program, with the appropriate department Head coordinating advisement activities within the various departments. The student is expected to seek advisement from the department in which he is taking a major. The advisor maintains a record of his advisees' academic progress from quarter to quarter. The student who does not take advantage of the academic advisement program at the College should be reminded that he is responsible for fulfilling the requirements of his degree program and must be extremely careful to observe all regulations for admission to courses, such as the requirement of prerequisite courses, sometimes with a specified grade. Credit for a course is invalid unless all prerequisite requirements are observed.

During orientation and before registration, all new students, both freshman and transfer students, will meet with faculty advisors. The faculty advisors will guide them at this time in mapping out a schedule for the fall quarter. The proper time for meeting with faculty advisors from that point on is during the pre-advisement periods each quarter listed in the college calendar. All faculty advisors, however, will be happy to give academic counseling at any time during a given quarter, if students need to talk with them.

During the six quarters of his junior and senior years, the student *must* have his course selection approved in writing each quarter before registration by an advisor from the department in which he is majoring. During these last two years, the advisor will keep a record of the courses the student takes and the grades he makes, and, at least two quarters prior to the student's graduation, the advisor will signify to the Registrar that the student has completed all requirements for graduation in his major program up to that time, and is, therefore, recommended for graduation upon his completion of the remaining requirements in his degree program.

RELATING TO DEGREE REQUIREMENTS

1. Each student is responsible for fulfilling the requirements of the degree program which he has chosen, in accordance with the regulations of the college catalogue.
2. Exceptions to course requirements for a degree are permitted only with the written approval of the Dean of the College, upon the recommendation of the department head.

3. A student will graduate under the catalogue in effect at the time of his admission to the college. However, after an absence from Armstrong State College of two or more consecutive years, a student must meet the requirements of the catalogue in effect at the time of his return.
4. Not more than one-fourth of the work counted toward a degree may consist of courses taken by correspondence, extension, or examination. No correspondence courses may be used to meet the requirements in the major field or related fields for the Bachelor's degree or in English composition or foreign language. No correspondence courses may be taken while a student is enrolled, without prior approval of the Dean of the College and the head of the department in which the student is majoring.
5. By state law, one of the requirements for a diploma or certificate from schools supported by the state of Georgia is a demonstration of proficiency in United States history and government and in Georgia history and government. A student at Armstrong State College may demonstrate such proficiency by:
 - (1) Examinations—
Students may take either the relevant CLEP, SAT Achievement, or Advanced Placement test (making their own arrangements).
 - (2) Credit in the following—
for U.S. and Georgia Constitution: Political Science 113
for U.S. and Georgia History; History 251 or 252 or any upper division course in U.S. History.
6. To qualify for the baccalaureate degree, a student must earn at Armstrong at least 45 quarter hours of credit applicable toward the degree, and he must complete successfully at Armstrong a majority of the credits required in his major field of study. Additionally, the student must complete successfully at Armstrong a majority of the upper division credits required in his major field of study. For the Associate Degree, the student must complete at least 45 quarter hours of course work at Armstrong State College.
7. For graduation the student must earn an over-all average of 2.0 or better considering work taken at all colleges, computed in such manner that a course will be counted only once, regardless of the number of times that it has been repeated. The grade earned in the last attempt will determine the number of honor points assigned for graduation. Additionally, the student must earn a grade point average of 2.0 or better on each of the following:
 - a. all work at Armstrong
 - b. all courses in the major field.

(For regulations on grade point average governing probation and dismissal, see page 67).

8. To qualify for a second baccalaureate degree, a candidate must earn at Armstrong at least 45 additional hours of credit and, of course, meet all qualitative requirements for the degree.
9. Before a degree will be conferred upon a student by Armstrong State College, he must pay all fees and must submit to the Registrar his completed Application for Graduation two quarters before graduation. A candidate for a degree, unless excused in writing by the President, Dean of the College, or Dean of Student Affairs, must attend the graduation exercises at which a degree is to be conferred upon him.
10. Each student must successfully complete the Regents Examination as a requirement for graduation.

COURSE AND STUDY LOAD

The normal course load for full-time students is 15-18 quarter hours (and a course in physical education during the freshman and sophomore years). An average student should devote at least thirty hours each week, in addition, to course preparation.

A full-time student is defined as one who is registered for 12 or more quarter hours. A part-time student is one registered for less than 12 quarter hours. (The Veterans Administration and Selective Service regulations often require that the student be enrolled for more than 12 quarter hours to be classified as a full-time student.)

The maximum course load for a student who works full-time is 11 quarter hours. A working student should plan about ten hours preparation per week for each 5 quarter hour course.

CLASSIFICATION OF STUDENTS

A student who has earned 45 quarter hours of credit will be classified as a sophomore; 90 quarter hours of credit, as a junior; 135 quarter hours of credit, as a senior.

PERMISSION FOR OVERLOAD OR COURSES AT ANOTHER COLLEGE

Permission to enroll for more than 18 quarter hours will be granted by the Registrar to a student:

- a) with an average grade of "B" for the preceding quarter, *or*
- b) with an overall grade point average of 3.0, *or*
- c) requiring an extra course in one of the two quarters prior to graduation.

No student will be allowed to register for more than 21 quarter hours in any one quarter.

A student who is on academic probation will not be permitted to register for more than 18 quarter hours in any one quarter.

Exceptions to these limitations may be made only by the Dean of the College.

A student enrolled at Armstrong who at the same time takes courses for credit at another college may not transfer such credit to Armstrong, unless he has obtained in advance the written permission of the Dean of Armstrong State College to register for those courses.

REPORTS AND GRADES

The faculty feels that students in college should be held accountable for their scholarship. Accordingly, grade reports, warnings of deficient scholarship and all such notices are not sent to parents or guardians by the Registrar except on request. Instead, the students themselves receive these reports and are expected to contact their advisors whenever their work is unsatisfactory. Grade reports are issued at the end of each quarter. Reports of unsatisfactory grades are issued in the middle of each quarter. Each student has access to an advisor; in addition, the Registrar and all instructors are available to help any student seeking assistance.

Reports are based on the following system of grading.

<i>Grade</i>	<i>Honor Points</i>
A	4.0
B	3.0
C	2.0
D	1.0
F	
I Incomplete	
W Withdrew with no grade	
NC No credit	
S Satisfactory completion of institutional credit courses	
U Unsatisfactory completion of institutional credit courses	
CR Credit by examination	

A student who receives an "I" (incomplete grade) should consult his instructor at once and arrange to complete the requirements of the course. An

“I” grade which has not been removed by the middle of the succeeding quarter automatically becomes an “F”.

HONORS

Dean's List: Students enrolled for at least ten quarter hours of course work who earn an honor point average of at least 3.5 will be placed on the Dean's List, published quarterly. Only course work taken at Armstrong will be used in the computation of Dean's List honors.

Cum Laude: Those students graduating with an honor point average of 3.2 through 3.499 will be graduated *cum laude*.

Magna Cum Laude: Those students graduating with an honor point average of 3.5 through 3.799 will be graduated *magna cum laude*.

Summa Cum Laude: Those students graduating with an honor point average of 3.8 through 4.0 will be graduated *summa cum laude*.

All work attempted at Armstrong and other accredited institutions will be considered in computing honors for graduation.

ATTENDANCE

The control of student attendance at class meetings and the effect of a student's attendance on his grades in a course are left entirely to the discretion of the instructor.

A student is responsible for knowing everything that is announced, discussed, or lectured upon in class as well as for mastering all assigned reading; he is also responsible for turning in on time all assignments and tests, including recitation and unannounced quizzes. The best way to meet these responsibilities is to attend classes regularly. An instructor may drop a student from any class with a grade of “F” if he thinks that excessive absence prevents that student from satisfactorily fulfilling his responsibilities. If such excessive absence is the result of prolonged illness, death in the family, college business, or religious holidays, the withdrawal grade will be either “W” or “F” depending on the student's status at the time he was dropped. Instructors will be responsible for informing each of his classes at its first meeting what constitutes excessive absence in that particular class. Each student is responsible for knowing the attendance regulation in his class and for complying with it.

PHYSICAL EDUCATION PROGRAM

All students who are enrolled for ten quarter hours or more on the day schedule are required to complete six hours of physical education, of which

P.E. 117 (Basic Health) and P.E. 103 (Elementary Swimming) *or* P.E. 108 (Intermediate Swimming) are required. During his freshman year, a student should take P.E. 117 and 103 *or* 108. During their sophomore year, students may elect any three Physical Education activity courses with the last two numbers being 01 to 09.

Any student who holds a valid senior life saving certificate and/or a valid water safety instructor certificate and/or passes the Armstrong swimming test may be exempted from the required swimming course (P.E. 103 *or* 108).

A student graduating with an Associate in Arts Degree in less than six quarters must take one course in each quarter of his freshman and sophomore years.

Students enrolled in the Associate in Arts Degree program in nursing are required to complete three physical education courses.

A student who has completed at least six months of military service is required to take only four hours in physical education, which he may choose from all scheduled offerings, during his freshman and sophomore years.

Physical education is not required of anyone who is beyond the age of 25 at the time of initial matriculation, or of anyone enrolled primarily in evening classes.

The department requires all students to make up excused absences; unexcused absences lower the final grade.

ACADEMIC PROBATION AND DISMISSAL

A student who maintains or exceeds the gradepoint average indicated below for quarter hours attempted will be considered in good standing.

When a student first falls below the GPA required for the appropriate accumulation of hours, he will be placed on academic warning. If he does not raise his GPA to a satisfactory level the next quarter, he will be placed on academic probation.

<i>Quarter Hours Attempted at Armstrong and Elsewhere</i>	<i>Required Cumulative GPA</i>
0-15	1.3
16-30	1.4
31-45	1.5
46-60	1.6
61-75	1.7
76-90	1.8

91-105	1.9
106-120	1.9
121-135 and over	2.0

A student on academic probation who raises his cumulative gradepoint average during the probationary quarter to equal or to exceed the appropriate figure in the foregoing table will be removed from academic probation. One who fails to achieve the required cumulative average, but who does earn an average of at least 2.0 during the probationary quarter, will be continued on probation for the next quarter of attendance. The College places no restrictions on the extracurricular activities of students who are placed on academic probation. Any student on academic probation should plan both his curricular and extracurricular activities with care, consulting with his advisor in so doing.

The student on academic probation who does not achieve the required cumulative average or who does not earn an average of at least 2.0 for the quarter in which he is on probation will be suspended from the college for one quarter. A student who is on academic suspension for the first time, however, has the option of attending summer school without having to appeal the suspension. A third academic suspension is final.

A student re-entering the college after academic suspension is placed on probation and must meet the requirements listed above.

A student suspended for academic reasons may appeal by letter to the President, who will refer the appeal to the Committee on Academic Standing. Such a letter of appeal should state the nature of any extenuating circumstances relating to the academic deficiency; the letter should be received by the President no later than 9 a.m. on registration day. No action will be taken on appeals received later than 12:00 noon on the day following registration day.

REPEATING COURSES

Any course for which a grade of "D" or "F" has been recorded may be repeated with the last grade earned to be counted in academic averages. A student who repeats any such courses should complete a "Notice of Course Repetition" form available in the Registrar's Office.

DROPPING COURSES

A student desiring to drop a course after the quarter has begun must obtain a Drop-Add Notice in the Office of the Registrar. The notice must be signed by the instructor of the course being dropped and returned by the student to the Registrar's Office.

A student who drops a course not more than seven class days after the course begins will receive no grade for the course. A student who drops a course after the first seven class days and before the last eight class days, will receive a grade of "W" or "F" depending on his status in the course. A student may not voluntarily drop a course during the last eight class days of a quarter.

WITHDRAWING FROM COLLEGE

Any student who finds it necessary to withdraw from college must begin the process in the Office of Student Affairs. A formal withdrawal is required to insure that the student is eligible to return to Armstrong State College at a future date. Any refund to which a student is entitled will be considered on the basis of the date which appears on the withdrawal form.

AUDITING

A regular student wishing to "audit" a course without receiving credit must obtain the written permission of the instructor before he registers for the course. During the registration process the student should request a special "audit" course card. (Policy for some courses forbids "auditing.") An "auditor" cannot change to regular credit status after the first week of class. A student may not change from credit status to audit status after the first seven class meetings. A student who registers for a course as an "auditor" receives no credit, "N.C.", on his transcript. Regular schedules of fees apply to auditors.

REGENTS EXAMINATION

University System policy requires that all students successfully complete tests of writing skills and reading comprehension as a requirement for graduation. A student will be notified to take the tests in the quarter immediately following that in which he completes his 55th quarter hour. In order to insure adequate preparation for the tests, freshmen are expected to begin the sequence of required English composition courses no later than their second quarter of attendance.

Transfer students who have completed more than 55 quarter hours and who have not successfully completed the tests are responsible for meeting this requirement at the earliest possible opportunity. For test dates, see the Academic Calendar published in this *Bulletin*.

Any student who neglects to take the Regents Examination in the appropriate quarter will be prohibited from registering or pre-registering at the College for subsequent quarters.

Those students who do not successfully complete the Regents Examination on their first attempts will be required to complete the English Composition sequence required in their degree programs before being allowed to retake the examination. Students who fail the examination may be required to take a course of remediation as provided by the Academic Skills Laboratory and/or the Department of Languages and Literature.

EXIT EXAMINATIONS

Each student who receives a degree from Armstrong State College at the Associate or Baccalaureate degree level is required to take an Exit Examination in his/her major area. This Exit Examination is comprehensive in nature. Please see the appropriate Department Head for further information concerning these Exit Examinations.

HONOR CODE

The Honor Code at Armstrong State College is dedicated to the proposition that the protection of the grading system is in the interest of the student community. The Student Court is an institutional means to assure that the student community shall have primary disposition of infractions of the Honor Code and that students accused of such infractions shall enjoy those procedural guarantees traditionally considered essential to a fair and impartial hearing, the foremost of which is the presumption of innocence until guilt be established beyond a reasonable doubt.

I. Responsibilities of Students:

All students must agree to abide by the rules of the Honor Code. A student shall not be accepted at Armstrong State College unless he signs the following statement at the time of his first registration: "I have read the Honor Code of Armstrong State College. I understand the Code and agree that as a student at Armstrong, I must comply with these requirements." This statement shall be printed on the application for admission to the college and must be signed by the student. The Honor Code shall be printed in the official Bulletin and the Student Handbook.

It will be the responsibility of the Student Court or its designated representative to conduct an orientation program at the beginning of each quarter for all newly entering students to explain fully the Honor Code and to allow full discussion of its requirements.

Any student desiring assistance with any matter related to the Honor Code is invited to seek assistance in the Office of Student Affairs.

II. Violations of the Honor Code:

Violations of the Honor Code may be of two kinds: (a) general and (b) those related to the peculiarities of specific course-related problems and to the understanding of individual instructors. Any instructor whose conception of cheating would tend to enlarge or contract the general regulations defining cheating must explicitly notify the affected students of the qualifications to the general regulations which he wishes to stipulate. The following will be considered general violations of the Honor Code.

1. Giving or receiving any unauthorized help on any assignment, test or paper. The meaning of "unauthorized help" shall be made clear by the instructor of each class.
2. Stealing when related to cheating.
3. Plagiarizing.
4. Giving perjured testimony before the Student Court.
5. Suborning, attempting to suborn, or intimidating witnesses.
6. Failing to report a suspected violation of the Honor Code.

III. Reporting Violations of the Honor Code:

Anyone wishing to report a violation may come to the Office of Student Affairs for assistance in contacting members of the Student Court.

- A. Self-reporting: A student who has broken the Honor Code should report himself to a member of the Student Court.
- B. Anyone (faculty member or student) who is aware of a violation of the Honor Code must report the matter. This may be done in one of two ways.
 1. He may tell the person thought to be guilty to report himself to a member of the Student Court no later than the end of the next school day. After this designated time, the person who is aware of the violation must inform a member of the Student Court so that the Student Court may contact the accused person if he has not already reported himself.
 2. He may report the suspected violation directly to a member of the Student Court without informing the accused.

IV. The procedural rights of students accused of violations of the Honor Code:

The essence of the procedural rights of an accused is the right to a fair and impartial hearing and the right to be presumed innocent until proven guilty. Specific rights are as follows:

1. The accused will be notified in writing by the Student Court or its designated representative of the nature and details of the offense with which he is charged along with the names of his accusers and the principal witnesses to be brought against him. This notification shall occur no less than three days prior to the date of the hearing.
2. The accused has the right to counsel of his own choosing. Such counsel will not participate directly in the proceedings except to advise his client. It is expected that such counsel will be drawn from the college community.
3. The accused and the person bringing the charges shall be afforded an opportunity to present witnesses and documentary or other evidence. The accused and any individual bringing the charges shall have the right to cross examine all witnesses and may, where the witnesses cannot appear because of illness or other cause acceptable to the Court, present the sworn statement of the witnesses. The Court shall not be bound by formal rules governing the presentation of evidence, and it may consider any evidence presented which is of probative value in the case.
4. The accused may not be made to bear witness against himself. The Court may not take the refusal of accused to testify as evidence of guilt, but this proviso does not give the accused immunity from a hearing or from recommendations reached in a hearing simply because the accused does not testify.
5. The accused shall have access to a complete audiotape of the hearing and to the record prepared by the secretary.
6. The substantive facts of a case may be re-opened for consideration upon initiation of the accused acting through normal appeal channels. The accused shall not be put in double jeopardy.
7. All witnesses will be sequestered from the hearing room during the course of a hearing. Witnesses may not discuss a pending case.
8. By prior agreement, the accused will be allowed such observers of the hearing as may be commensurate with the space available. Otherwise, in the interests of the right of privacy of the accused, hearings will be private, except that the College may also have observers additional to the advisors to the Student Court.

V. The Honor Code Commission, The Student Court Selection Committee, The Student Court, and Advisers to the Court

A. Honor Code Commission

It shall be the purpose of the Honor Code Commission to administer the student academic honor code. The Commission will have the responsibility for revising and updating the student academic honor code as needs arise. The Honor Code Commission shall consist of the President, Vice-President, and Secretary of the Student Government Association and the current President and Secretary of Student Court together with three faculty members appointed by the President of the college.

B. Student Court Selection Committee

The Student Court Selection Committee will select members for the Student Court. The Student Court Selection Committee will consist of two faculty members from the Honor Code Commission, one of whom is the chairperson of that commission, two students from the Honor Code Commission, one of whom is a member of the Student Court, two faculty members from the Conduct Committee, one of whom is the chairperson of that committee, two students from the Conduct Committee, one of whom is a member of the Student Court, and the Dean of Students.

C. Student Court

1. The Student Court will be selected by the Student Court Selection Committee and will be composed of twelve students. Due consideration will be given to equitable apportionment of court members of the basis of academic class, race, and sex. Students on academic probation may not serve. All appointments will be issued and accepted in writing. Appointments will be made during Spring Quarter in time for newly elected members of the Court to assume their duties by May 1. Appointments will be made as needed to keep the Student Court staffed to do business on a reasonably prompt basis. These appointments may constitute permanent or temporary replacements as the Student Court Selection Committee deems necessary. •

2. The Student Court will elect a President, Vice-President, and a Secretary from its membership. The President will preside at all meetings. The Vice-President will assume the duties of the President if the President is absent. The Secretary will maintain written notes of all proceedings and audiotape records of all testimony, and will maintain exhibits of evidence which by their nature may reasonably be maintained in the Court files. A quorum of the Court shall consist of eight members. A two-thirds majority secret ballot vote is required to reach a finding of guilty. All other questions may be decided by a simple majority vote.

3. Constituency of the Student Court during the Summer Quarter shall include all appointed members in attendance, and others as shall be appointed to membership by the Student Court Selection Committee.
4. Student Court Members shall examine their consciences carefully to determine whether they can in good conscience serve on a panel hearing a particular case, and in the event that there is any doubt, whatsoever, such members shall excuse themselves from duty on the specific panel in question.

D. Advisers to the Court

1. An adviser and an associate adviser to the Student Court shall be appointed by the President of the College.
2. Ordinarily the adviser will serve in that office for one year only and usually will be succeeded in that position by the associate adviser. Therefore, after the initial appointments, only an associate adviser will ordinarily be appointed each year. The succession of an associate to the adviser position is deemed to occur on the last day of Spring Quarter. If, for any reason, the adviser is unable to complete his term, the associate adviser shall succeed to the office of adviser and another associate adviser shall be appointed by the above procedures. If, during the Summer Quarter, neither adviser is on campus, a temporary adviser will be appointed.
3. Duties of the adviser and the associate adviser: It shall be the duty of the adviser to consult with the Court and to offer advice to the President and members of the Court on substantive and procedural questions. The adviser, or the associate adviser in the event the adviser is unable to attend, shall be present at all meetings and hearings of the Court. The adviser may not vote nor may he participate directly in the conduct of hearings before the Court except through the chairman, or acting chairman, of the Court. The adviser should be governed at all times by the principle that a hearing before the Student Court is primarily a matter of student responsibility.

VI. Procedures and Penalties Adopted by the Student Court:

The Student Court shall formulate its own bylaws governing internal organization and procedure. Such bylaws must be consistent with the Honor Code.

- A. Hearings shall be called by the Court President to be held on a date not less than three (3) nor more than ten (10) class days after notice to the accused as provided in Section IV-2. Exceptions to these time requirements may be granted.

- B. Upon reaching a finding of guilty, the Court shall make a recommendation to the Dean of the College as to the administrative action it deems appropriate within the following limitations:
1. A minimum penalty shall be loss of assignment or test credit for the assignment or test for violations involving cheating as specified in Section II, subsections 1, 2 and 3. Additional penalties such as reprimands, suspension, or others may be recommended for any aspects of Section II.
 2. Maximum penalty for a first offense of any type shall be suspension for a full calendar year.
 3. Maximum penalty for a second offense may be suspension for three years.
- C. Immediately following a hearing, the accused will be informed of the Court's finding, and its recommendation to the Dean of the College. If the finding is guilty, the accused will be informed that the Court may re-open the case with the consent of the accused for good cause, within a three week period.
- D. The Dean of the College will inform all involved persons in writing of the action he has taken in view of Court recommendations. The Court Secretary will post public notice of the Dean's action by case number without identifying the accused.

VII. Appeals of Findings and Penalties:

Should a student have cause to question the findings of the Court or the action of the Dean of the College or both, he has the right of appeal. The channels of appeal are as follows:

- A. Court findings and/or the administrative action of the Dean of the College may be appealed within five days by writing the President of the College. Further appeal procedures will conform to the appeal procedures of the College and of the *Policies of the Board of Regents*, University System of Georgia (a copy of these policies is available in the Library; see chapter on Students, section on appeals, page 165, 1969 edition).

VIII. Supervision of the Student Court:

As an institutional means of responding to reported infractions of the Honor Code, the Student Court is ultimately responsible to the President of the College.

Supervision of the Student Court will be accomplished ordinarily through the Dean of Student Affairs and the Advisors.

A. Dean of Student Affairs

In accordance with Article VI, Section F, of the College Statutes, the Dean of Student Affairs will provide general supervision of the Student Court and will provide other guidance or services as directed by the President of the College.

- IX. Revision of the Honor Code will require confirmation by majority vote of those faculty and student body members voting.

GRADUATE PROGRAM REGULATIONS

Academic regulations relating to the graduate programs are published in the *Graduate Bulletin*. Further information may be obtained from the Associate Dean for Graduate Studies at either Armstrong State College or Savannah State College.



VII. STUDENT SERVICES, ACTIVITIES

The Office of Student Affairs, administered by the Dean of Student Affairs, is responsible for all student services and activities. In addition to formal classroom instruction, the College recognizes the need for providing programs and services which contribute to a well-round college experience. Such programs are administered by the Office of Student Affairs through the following individuals: Counselors, Director of Placement, Director of Financial Aid, Director of Student Activities, Recruiter, and the Campus Nurse.

COUNSELING

Counselors are available in the Office of Student Affairs to assist students in making successful and realistic decisions and in choosing appropriate routes for attaining selected goals. The counseling process focuses on increasing the student's self-understanding and respect for his own ability to make decisions that will affect his life. All discussions are confidential.

Counselors can assist students in clarifying educational and vocational objectives, in developing effective study skills and habits, and in dealing with problems of social and emotional significance. Counseling services are available to students at no charge.

VETERANS SERVICES

Armstrong State College maintains a full-time Office of Veterans Affairs located in Memorial College Center. The office employs a number of student/veterans to assist in meeting the needs of the veteran student body at Armstrong. A professional counselor is available to assist veterans with admission procedures, academic advisement, career development, and social and emotional adjustments to college life. The office also assists veterans in finding part-time employment and housing.

Veterans, Disability, and War Orphans Assistance

Eligibility. Veterans who served on active duty for other than training purposes for more than 180 days, any part of which occurred after January 31, 1955, are eligible for financial assistance to attend college. Generally, sons and daughters of veterans whose death or total disablement was a result of service in the armed forces are eligible for financial benefits under the veterans program for educational assistance.

How To Apply. A prospective student must first make application to the College and gain approval for admission from the Office of the Registrar/Director of Admissions. Once accepted, the veteran should go to the local office of the Georgia Department of Veterans Service located at 21

East York Street, Savannah, Georgia, and have an application for VA educational benefits completed. The veteran must carry a copy of his Record of Discharge, DD Form 214, and supporting documentation of dependency status (marriage certificate; divorce decree, if previously married; and birth certificates of all dependent children). The veteran will then be given the forms to be presented to the Office of Veterans Affairs at Armstrong State College. Any student receiving government benefits from the Veterans Administration must check with the Armstrong State College Office of Veterans Affairs at the beginning of each quarter and file a form declaring the number of credit hours which he is attempting. Those veterans entering school under GI Bill benefits should have sufficient funds to finance themselves for one quarter or until payments from the VA begin (approximately six weeks after application).

TESTING SERVICES

A variety of tests and inventories are available through, and often included in, counseling services. Such tests help students to evaluate personal, educational, or vocational needs. Test results are confidential.

The following national testing programs are administered regularly by members of the counseling staff: College Level Examination Program (CLEP), Dental Hygiene Aptitude Test, Graduate Record Examination (GRE), National Teacher Examination (NTE), and the Scholastic Aptitude Test (SAT). Information and applications for the Dental Admissions Test, the Graduate School Foreign Language Test (GSFLT), Law School Admission Test (LSAT), the Medical College Admission Test (MCAT), Professional and Administrative Career Examination (PACE), and State Merit Examination may be obtained from the counseling office.

ORIENTATION

The decision to enter college for further education and knowledge is an important point in an individual's process of self-development. The Summer Orientation Program (CHAOS) at Armstrong State College is planned to aid the student in his transition to college by exposing him to the dynamics of successful decision-making. Using techniques that encourage the realization of possible outcomes and consequences, the student will learn to explore his possibilities with more understanding and confidence.

Freshmen participating in this program will be given information concerning student activities programs, visit campus facilities, and plan their class schedules with academic advisors.

An abbreviated orientation program is scheduled for students new to the college prior to registration Winter, Spring, and Summer Quarters.

PLACEMENT OFFICE

The Placement Office, located in the Administration Building, offers general assistance in the planning of career directions. The office operates a personal resume service for all regularly enrolled students and alumni of the college, receives listings of full-time career opportunities, and arranges on-campus recruiting with business, governmental and educational agencies. Students who wish to make use of the Placement Service should contact the Placement Office at least one year prior to completion of studies.

The Placement Office also provides a job listing and referral system for currently enrolled students who are seeking part-time, temporary, or vacation employment.

CONDUCT

Every student who enrolls in a course at Armstrong State College commits himself, by the act of enrolling, to full compliance with the rules and regulations of the Honor System and Code of Conduct. The Honor System is outlined under "Academic Regulations" in this Bulletin and the Code of Conduct is published in the Armstrong Student Handbook, *Students Illustrated*.

Compliance with the regulations and policies of the faculty of Armstrong State College and the Regents of the University System of Georgia is assumed. To enroll is to agree to assume responsibility for adhering to policies and using established channels to promote change. Not to do so is sufficient basis for the college to terminate a student's enrollment.

STUDENT ACTIVITIES AND ORGANIZATIONS

In addition to an outstanding academic program, Armstrong State College offers a complete program of extra-curricular student activities designed to contribute to the development of the student and to assist him in becoming an active and productive member of the community in which he lives.

Student organizations at Armstrong State College reflect the natural variety of interests found in a diversified student body. Individuals who seek a well-rounded education will avail themselves of the varied opportunities afforded through the college program of student activities.

A variety of clubs and organizations representing varied interests and activities are available to students at Armstrong State College. These include the following:

Religious:

United Christians on Campus
Baptist Student Union

Greeks:

Alpha Gamma Delta Sorority
Sigma Kappa Sorority
Phi Mu Sorority
Phi Kappa Theta Fraternity
Pi Kappa Phi Fraternity
Pi Kappa Alpha Fraternity
Sigma Nu Fraternity

Professional:

Student Nurses Association of Georgia
Future Secretaries Association
Student Association of Educators
American Junior Dental Hygienists Association
Armstrong State College Mathematics Association
Sigma Alpha Eta (National Speech & Hearing Association)
American Chemical Society
Alpha Sigma Chi (Physical Education)
Computer Science Club

Interest:

Glee Club
Band
Chess Club
Cheerleaders
Masquers
Women of the World (WOW)
Buccaneers
Black American Movement

Honorary:

Delta Lambda Alpha (Scholastic honorary for freshman women)
Phi Delta Theta (History)
Pi Delta Phi (French)
Pi Mu Epsilon (Mathematics)

STUDENT GOVERNMENT

The Student Government Association is the official governing body of the students at Armstrong State College. It assists in formulating a program of student services and activities, and it strives to express the will of the majority of students and to provide experience in democratic living.

All students are automatically members of the Student Government Association and are entitled to vote in SGA elections. Qualified students may seek positions of leadership in the Student Government Association by running for office during the spring quarter.

STUDENT PUBLICATIONS

The official student publications on campus include the *Inkwell* (the college newspaper) and the *Geechee* (the college annual). These publications are produced by students under the supervision of approved college advisors. Financed in part by the Student Activity Fund, these publications provide opportunities for students in creative writing, reporting, and design.

HEALTH

Armstrong State College maintains a campus infirmary where a registered nurse is on duty from 8:15 a.m. until 5 p.m. Students who become ill or who are involved in accidents while on campus should not hesitate to avail themselves of this service.

The college also makes available, on a voluntary basis, a student health and accident insurance policy. Information regarding the program may be secured in the Office of Student Affairs.

DENTAL HYGIENE SERVICES

The Dental Hygiene Clinic is available to Armstrong State College and Savannah State College students who wish to receive an oral prophylaxis and a fluoride treatment. School identification cards will be requested by the Clinic receptionist.

ALUMNI OFFICE

The primary purposes of the Alumni Office are to keep former students informed about the college and to help them keep in touch with each other. Any person who at any time was matriculated as a regular student is eligible for membership in the Alumni Association and, upon payment of his dues, will receive association periodicals, and may vote and hold office in the Association. The Alumni Office assists in arranging class reunions, board meetings, and other functions. For further information contact the Alumni Secretary.

HOUSING

There is no student housing on campus. Private apartments for male, female, and married students are available within walking distance of Armstrong State College. For further information regarding housing, please contact the Office of Student Affairs.

ATHLETICS

Armstrong State College is affiliated with the National Collegiate Athletic Association, College Division. The College holds membership in the South Atlantic Conference. College teams participate in intercollegiate competition in basketball, baseball, tennis, golf, cross country track events, and bowling. The Armstrong Pirates (Basketball) were the 1975 SAC champions and participated in the NCAA national play-offs.

INTRAMURALS

The Student Intramural Council and Intramural Department provide a diversified program available to all students and faculty including organized competitive sports, recreational activities, and clubs. Any student interested in participating in these activities should contact the Director of Intramurals.

CULTURAL OPPORTUNITIES

Armstrong State College provides a variety of cultural opportunities for its students. Lectures by eminent scholars in the various academic fields and musical concerts by outstanding artists are an integral part of the program in general education. Student dramatic productions under professional direction and the student choral and instrumental groups have created distinguished traditions.

ARMSTRONG SUMMER THEATRE

The Armstrong Summer Theatre presents annually during the Summer Quarter a season of three plays with popular appeal, produced by a company of amateur talents (actors and technicians) from the college community. Participants may receive college credit (see course listing under Department of Languages and Literature).

VIII. DEGREE PROGRAMS

UNIVERSITY SYSTEM CORE CURRICULUM

Each unit in the University System of Georgia requires as a Core Curriculum for all baccalaureate degree programs the following minimum number of quarter hours in the major areas of study:

<i>Areas of Study</i>	<i>Minimum Quarter Hours Required</i>
I. Humanities, including, but not limited to grammar and composition and literature	20
II. Mathematics and the natural sciences, including, but not limited to, mathematics and a 10-hour sequence of laboratory courses in the biological or physical sciences	20
III. Social Sciences, including, but not limited to, history and American Government	20
IV. Courses appropriate to the major field of the individual student	30
	TOTAL . . .90

In addition to the University System Core Curriculum requirements as outlined above, Armstrong State College requires six quarter hours in physical education as part of all baccalaureate degree programs.

ARMSTRONG STATE COLLEGE CORE CURRICULUM

The student in any baccalaureate degree program at Armstrong State College must complete the following specific Core Curriculum requirements. Consult the relevant departmental section for a complete statement of degree requirements for a specific program.

	<i>Quarter Hours</i>
Area I. Humanities	20
English 121, 122, and 221	
One of the following courses:	
Art 200, Art 290, Art 291, Music 200,	
Philosophy 201, English 222	

Area II. Mathematics and the Natural Sciences 20

One of the following course sequences:

- Mathematics 101, 103
- Mathematics 101, 195
- Mathematics 101, 220
- Mathematics 101, 290

One of the following course sequences:

- Biology 101, 102
- Chemistry 121, 122
- Chemistry 128, 129
- Physics 211, 212
- Physics 217, 218
- Physical Science 121, 122

Area III. Social Sciences 20

- History 114*, 115*
- Political Science 113*

One course selected from:

- Psychology 101, Sociology 201, Anthropology 201,
Economics 201

Area IV. Courses Appropriate to the Major Field 30

<i>Biology:</i>	<i>Qtr. Hrs.</i>
Foreign Language 101, 102	10
Chemistry 128, 129	10
Botany 203	5
Zoology 204	5

<i>Business Administration:</i>	<i>Qtr. Hrs</i>
B.A. 211,212	10
Economics 201,202	10
Mathematics 220	5
B.A. 215	5

<i>Business Education:</i>	<i>Qtr. Hrs.</i>
Psychology 101	5
Education 203	5
Speech 228	5
B.A. 211,212	10
Economics 202	5

<i>**Chemistry:</i>	<i>Qtr. Hrs.</i>
Physics 213	5
Chemistry 128, 129, 281	15
Mathematics 104, 201	10

<i>Computer Science:</i>	<i>Qtr. Hrs.</i>
Mathematics 104, 201, 202, 220	20
Computer Science 110, 241	10

<i>Criminal Justice:</i>	<i>Qtr. Hrs.</i>
History 251* or 252*	5
C.J. 100, 103, 201, 210	20
Psychology 101 or Sociology 201	5

Dental Hygiene Education:
Associate degree required for admission to upper two-year curriculum.

<i>Economics:</i>	<i>Qtr. Hrs.</i>
Foreign Language 101, 102, 103, or Mathematics 104, 201, 202	15
Mathematics 220	5
Economics 201, 202	10

<i>Elementary Education:</i>	<i>Qtr. Hrs.</i>
Psychology 101	5
Education 203	5
Fifteen quarter hours to be selected from:	
Geography 111; Chemistry, Physics, or Physical Science (100-200 level)	15
Speech 228	5

<i>English:</i>	<i>Qtr. Hrs.</i>
Foreign Language 101, 102, 103, 201	20
Electives from: Art 200, 290, 291; Music 200; Philosophy 201; English 222	10

<i>French</i>	<i>Qtr. Hrs.</i>
French 101, 102, 103, 201	20
Electives from: Art 200, 290, 291; Music 200; Philosophy 201	10

<i>History:</i>	<i>Qtr. Hrs.</i>
Foreign Language 101, 102	10
History 251, 252*	10
Electives to be chosen from:	
Anthropology 201; Criminal Justice 300; Economics 201, Geography 111, Mathematics 220, Political Science 200, Psychology 101, Sociology 201, Social Work 250	10

<i>Mathematics (B.S. degree):</i>	<i>Qtr. Hrs.</i>
Mathematics 104, 201, 202, 203	20
Foreign Language 101, 102	10

<i>Mathematics (B.S.Ed. degree):</i>	<i>Qtr. Hrs.</i>
Psychology 101	5
Education 203	5
Mathematics 104, 201, 202.	15
Speech 228	5

<i>Medical Technology:</i>	<i>Qtr. Hrs.</i>
Physics 211, 212, 213.	15
Chemistry 128, 129, 281.	15

<i>**Music:</i>	<i>Qtr. Hrs.</i>
Music Theory 111, 112, 113, 211, 212, 213	18
Applied Music 140, 141, 142, 240	8
Music 250(Ensemble)	4

<i>Music Education:</i>	<i>Qtrs.</i>
Psychology 101	5
Education 203	5
Elective from: Art 200, 290, 291; Music 200.	5
Fifteen quarter hours to be selected from:	
Music Theory 111, 112, 113, 211, 212, 213;	
Applied Music 140, 141, 142, 240.	15

<i>Nursing:</i>	<i>Qtr. Hrs.</i>
Zoology 208, 209.	10
Biology 210.	5
Sociology 201	5
Nursing 101, 102	16

<i>Physical Education:</i>	<i>Qtr. Hrs.</i>
Speech 228	5
Education 203	5
P.E. 218	5
P.E. 228, 229.	10
Psychology 101	5

<i>Political Science:</i>	<i>Qtr. Hrs.</i>
Foreign Language 101, 102, 103 <i>or</i>	
Computer Science 110, 231, 241.	15
History 251* <i>or</i> 252*	5
Electives to be chosen from:	
Anthropology 201, Criminal Justice 300, Economics 201,	
Geograph 111, History 251 <i>or</i> 252, Psychology 101,	
Sociology 201, Social Work 250.	10

<i>**Psychology:</i>	<i>*Qtr. Hrs.</i>
Mathematics 220	5
Additional Lab Science Sequence	10

Electives from: Biology 101, 102; Anthropology 201; Sociology 201; Philosophy 201	10
Psychology 101	5

<i>Social Work:</i>	<i>Qtr. Hrs.</i>
Foreign Language 101, 102, 103 <i>or</i> Philosophy 201, Anthro- pology 201 and Social Science elective (100-200 level)	15
Sociology 201	5
History 252*	5
Social Work 250	5

<i>Speech Correction:</i>	<i>Qtr. Hrs.</i>
Physical Science 121	5
Education 203	5
Mental Health Work 102	5
Special Education 205, 225, 230	15

Area V. Physical Education Requirements (All Programs) 6
 P.E. 103 and P.E. 117
 Three of the following courses:
 P.E. 101, 102, 104, 105, 106, 107,
 200, 201, 202, 203, 205, 206, 207, 208, 209

TOTAL. . . 96

The student should complete all Core Curriculum requirements during his freshman and sophomore years. *ALL STUDENTS ARE REMINDED THAT SUCCESSFUL COMPLETION OF THE REGENTS EXAMINATION IS A REQUIREMENT FOR GRADUATION FROM ARMSTRONG STATE COLLEGE. THEY ARE ALSO REMINDED THAT THE TAKING OF AN EXIT EXAMINATION IN THEIR MAJOR AREAS IS ALSO A REQUIREMENT FOR GRADUATION.*

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section in this *Bulletin*, or request further information from the Head of the Department of History and Political Science.

**In addition, a foreign language sequence is recommended.

DIAGNOSTIC TESTS IN ENGLISH AND MATHEMATICS

The College reserves the right to place entering students in appropriate English and Mathematics courses. Diagnostic tests are administered for this purpose. Each student must take the diagnostic test in mathematics before he may register for Mathematics 101 and must take the diagnostic test in English before he may register for English 191, 110, or 121. The dates scheduled for the administration of these diagnostic tests are listed in the College Calendar.

STATE REQUIREMENTS IN HISTORY AND GOVERNMENT

By state law, each student who receives a diploma or certificate from a school supported by the State of Georgia must demonstrate proficiency in United States History and Government and in Georgia History and Government. A student at Armstrong State College may demonstrate such proficiency by successfully completing History 251 or 252 and Political Science 113 *or* by successfully completing exemption examinations for which credit will be awarded. See "Academic Regulations" section in this *Bulletin*, or request further information from the Head of the Department of History and Political Science. Scheduled dates for exemption examinations are listed in the College Calendar.

REQUIREMENTS FOR THE BACHELOR OF ARTS AND THE BACHELOR OF SCIENCE DEGREES

Requirements for each major program leading to the degree of Bachelor of Arts with a major in English, French, History, Music, Political Science, Psychology, Social Work, or Economics, or to the degree of Bachelor of Science with a major in Biology, Chemistry, Criminal Justice, or Mathematics are described in the appropriate departmental listing. For the B.A. and B.S. degrees, a minimum of 185 quarter hours, exclusive of the required physical education courses, is required for graduation.

Each student in one of these major programs must complete the 96-hour core curriculum requirement as listed above.

The student will not be allowed to take senior division courses in his major field unless he has a minimum grade of "C" in all prerequisite courses in that field. No major program in a department will require more than 60 quarter hours at all levels in the major field; however, the department may recommend up to 70 quarter hours.

For its major program, a department will require from 15 to 30 quarter hours of specific courses or approved elective courses in related fields and may require language courses reaching the degree of proficiency specified by the department. Total requirements in the major and related fields may not exceed 85 quarter hours.

Each B.A. *or* B.S. degree program will include a minimum of 15 quarter hours of free electives.

TEACHER EDUCATION

All teacher education programs are approved by the National Council for the Accreditation of Teacher Education (NCATE) and by the Georgia State

Department of Education. Upon verification by the College that the student has completed successfully an approved program, the student applies to the State Department of Education for the appropriate certificate. Armstrong State College offers the following approved Teacher Education programs:

Approved Programs

Elementary Education (Grades 1-8)

Speech Correction

Secondary Programs (Grades 7-12)

Business Education (Comprehensive or Bookkeeping and
Business Management)

English

Mathematics

Science (Biology)

Science (Chemistry)

Social Studies (History)

Social Studies (Political Science)

Social Studies (Behavioral Sciences)

All Levels (Grades 1-12)

Music

Physical Education

The college also offers an Associate Library Media Specialist program which may constitute an area of concentration for elementary teachers and an endorsement on the certificate for secondary teachers. The program is also intended to create an interest in librarianship. The courses are Library Science 310, 320, 410, and 420 (20 quarter hours credit).

A student must complete the college approved program for certification within four years following his/her admission to the Teacher Education Program. In the event that the student does not complete his program in four years, he/she must meet the requirements of the program in effect at that time.

All students completing teacher education programs are required to take both the Common Examinations and the appropriate Teaching Area Examination of the National Teacher Examinations. Students must submit the scores from these examinations or evidence that the examinations have been completed to the Department of Education before the college can verify that an approved program has been completed. Additional information about the National Teacher Examinations can be secured from the Office of the Dean of Student Affairs.

Academic Advisement

A student who desires to become an elementary or secondary school teacher should apply during the first quarter of residence to the Department

of Education for academic advisement. He should follow without deviation the approved program. Upon admission to teacher education, students will be assigned advisors as follows:

1. Elementary education and speech correction majors are assigned an advisor in the Department of Education who will assist the student in planning the total program of studies.
2. Students pursuing secondary or all level programs will be assigned an advisor in the Department of Education to assist them concerning the professional sequence courses and certification requirements. In addition, students will have an advisor in the teaching field major to approve the courses in the teaching field. Assignment of the teaching field advisor will be made by the head of the academic department offering the major. Each student *must* have his secondary teaching program approved in advance by both advisors. Special forms for this purpose are to be filed with each advisor and a copy given to the student.

Admission to Teacher Education

All students apply for admission to teacher education at Armstrong State College. This application will normally be filed during the third quarter of the sophomore year or, for transfer students, in the first quarter of the junior year. Application forms may be secured from the office of the Head of the Department of Education. The following criteria are used in admitting applicants to teacher education:

1. Completion of at least 60 quarter hours of college credit with a 2.50 GPA and completion of Education 203 and English 121, 122, and 221 or their equivalents with a "C" or better.
2. Competence in oral and written expression.
3. Satisfactory physical and emotional health.
4. Indication of desirable attitude, character, and teaching potential.

September Practicum

The purpose of the September Practicum is to provide an opportunity for future teachers (1) to learn what teachers do at the beginning of a new school term, (2) to participate in experiences that will assist the prospective teacher with future decisions concerning teaching as a career, and (3) to become acquainted with the organization and curriculum of a particular school.

The September Practicum occurs during the first two weeks of the public school term (usually in late August and early September) and should be

scheduled during the student's junior or senior year. No credit is given for the September Practicum, but it is a *requirement* in all of the teaching fields in the Armstrong State College Teacher Education Program.

Application for the September Practicum should be made during the first week of the Spring Quarter for a September Practicum in the forthcoming September. The student should contact the Director of Professional Laboratory Experiences in the Department of Education.

Student Teaching

Student Teaching, the culminating activity of the professional sequence, is provided in selected off-campus school centers. The full quarter of student teaching is arranged cooperatively by the college, the participating schools, and supervising teachers. Completed applications for admission to student teaching must be submitted to the Director of Professional Laboratory Experiences during the first week of the quarter preceding student teaching. While student teaching, the student is required to adhere to established policies and procedures of the cooperating school system in addition to those policies and procedures established by the college and the Department of Education.

A student is admitted to student teaching at the time assignment is made. While student preferences and other personal circumstances are considered, the Department of Education reserves the right to exercise its discretion in placement. The student will receive a letter of assignment. Orientation to student teaching will be held during the first several days of the quarter in which student teaching is scheduled. The following requirements must be met before a student can enroll in student teaching:

1. Be admitted to the Teacher Education Program.
2. Have at least senior status. All teaching field courses will normally have been completed.
3. Have completed the required professional sequence courses with a grade of "C" or higher. Elementary majors must make a grade of "C" or higher on all specialized content courses. Students in Speech Correction must have completed all of the 300 level sequence courses in Special Education with a grade of "C" or better.
4. Have a 2.5 average at Armstrong State College on all courses attempted, and "C" or better in all courses acceptable toward the teaching field, concentration, and related elective.
5. Have satisfactorily completed the related professional laboratory experiences including the "September Practicum."

6. Have satisfactorily completed the Media Competency Examination.
7. Be recommended by two academic professors and two members of the Department of Education, one of whom must be the student's advisor.
8. Be approved by the Head of the Department of Education.
9. Students in elementary education must have completed at least four of the specialized content courses, including the Teaching of Reading, with grades of "C" or better.

A student will not be permitted to take additional courses during student teaching. Student teachers are not permitted to teach in a school in which their children are enrolled.

Programs of Study

Please see appropriate departmental listings for programs of study for certification in the various teaching areas.

BUSINESS ADMINISTRATION

Associate in Arts in Secretarial Studies

This two-year program is designed to meet the needs of students who wish to qualify for secretarial positions after completing the program. An Associate in Arts degree is awarded upon completion of the program. See departmental listing for degree requirements.

Bachelor of Arts with a Major in Economics

Armstrong State College offers a four-year program leading to a Bachelor of Arts degree with a major in Economics. This liberal arts program provides a good preparation for anyone who plans to work in industry, or pursue further professional education in business, economics, education, or law. See departmental listing for degree requirements.

Bachelor of Business Administration with Concentrations in Accounting, Economics, Finance, Information Systems, Management and Management-Marketing

The Bachelor of Business Administration degree is offered with a choice of specialization. These programs are appropriate for students who wish a broad general education in business in addition to a concentration in one area. See departmental listing for degree requirements.

*Bachelor of Business Administration
with a Major in Business Education*

This four-year degree program prepares teachers of high school business subjects such as bookkeeping and business management and/or secretarial skills such as typing, shorthand, office machines, and office procedures. See departmental listing for degree requirements.

**BACHELOR OF SCIENCE IN MEDICAL
TECHNOLOGY**

The Coordinator of this degree program is Dr. L. B. Davenport, Jr., Head of the Department of Biology. Armstrong State College cooperates with Memorial Hospital of Chatham County in awarding a Bachelor of Science Degree in Medical Technology. This program has been approved by the Council on Medical Education of the American Medical Association and by the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

After satisfactorily completing the required number of courses and hours listed above, the degree candidate must complete 12 months in Clinical Medical Technology at an approved hospital. Upon satisfactory completion of this work, the student will be awarded the degree of Bachelor of Science and will qualify for the examination given by the Registry of Medical Technologists.

BACHELOR OF ARTS IN SOCIAL WORK

Armstrong State College offers a four-year program leading to a Bachelor of Arts degree in Social Work which is designed to prepare students to assume positions in various social service agencies. This program is offered cooperatively with Savannah State College and makes use of an off-campus facility for various training experiences. Requirements for this degree are described in the departmental listing for the Department of Psychology and Sociology.

**BACHELOR OF SCIENCE IN EDUCATION
WITH MAJORS IN MATHEMATICS
AND PHYSICAL EDUCATION**

Armstrong State College offers the Bachelor of Science in Education degree with majors in Mathematics and Physical Education. These

specialized degree programs are designed to prepare students for careers in the teaching of Mathematics or Physical Education. Requirements for the major programs are described in the appropriate departmental listings.

BACHELOR OF MUSIC EDUCATION

Armstrong State College offers a four-year program leading to a Bachelor of Music Education degree designed for those students in Music who want to prepare for a career in teaching. Requirements for this degree are described in the departmental listing for the Department of Fine Arts.

NURSING

Associate in Arts in Nursing

For the two-year program leading to the Associate in Arts degree in Nursing, the student must complete the curriculum of 49 quarter hours in academic courses and 52 quarter hours of professional clinical courses as listed under the Department of Nursing. This program provides the student with the opportunity to obtain a general education and to study nursing at the college level. Graduates are eligible for licensure to practice as registered nurses. The curriculum is approved by the Georgia State Board of Nursing Examiners and is fully accredited by the National League for Nursing.

Bachelor of Science in Nursing

Armstrong State College offers an upper division undergraduate curriculum leading to the Bachelor of Science degree in Nursing for graduate registered nurses from associate degree or diploma nursing programs. The program is planned to build on the student's previously acquired professional knowledge and experience and is designed to prepare registered nurses for first-level leadership positions in nursing. Additional information relating to this degree program appears under the listing for the Department of Nursing.

DENTAL HYGIENE

Associate in Science in Dental Hygiene

For the two-year (seven quarters) program leading to the Associate in Science degree in Dental Hygiene, the student must complete a curriculum of 54 quarter hours in academic courses and 61 quarter hours in professional dental hygiene courses. The purpose of this program is to provide trained personnel in a rapidly growing and important health profession. Dental hygienists provide dental health services in private dental offices, civil service positions, industry, and in various public health fields. They practice under the supervision of a dentist and must pass a state board

examination for licensure. The curriculum is fully approved by the National Council on Dental Education.

Bachelor of Science in Dental Hygiene Education

A Bachelor of Science degree in Dental Hygiene Education can be earned by an additional two years (six quarters) of study. This curriculum of 93 quarter hours is designed to prepare dental hygienists for careers in teaching in schools of dental hygiene.

CRIMINAL JUSTICE

Armstrong State College provides professional education to prepare students for careers in many areas in the administration of criminal justice. A strong liberal arts emphasis has been developed within the criminal justice program, enabling the student to prepare for new and demanding requirements in his profession. Specific courses in criminal justice are open to all students as electives. Students who plan to follow careers in social work, law, journalism, or special education may find courses in the criminal justice area both interesting and useful. Non-majors should consult with their faculty advisors before electing these courses.

Associate in Science in Criminal Justice

The curriculum for this program has been designed to lead to a two-year terminal degree, the Associate in Science in Criminal Justice, or to serve as the basic preparation for an upper two-year curriculum leading to the Bachelor of Science degree in Criminal Justice. For course requirements, see listing under the Department of Criminal Justice.

Bachelor of Science in Criminal Justice

The four-year curriculum for this degree program has been designed to provide the broadest possible liberal arts and professional training for students who are planning careers in the criminal justice area. The student who has earned the Associate in Science degree in Criminal Justice may transfer to the baccalaureate program with a minimum of difficulty. For specific course requirements, see listing under the Department of Criminal Justice.

MENTAL HEALTH WORK

Armstrong State College offers a program leading to the Associate in Science degree in Mental Health Work. Students in this degree program are trained to serve as assistants to professionals in the provision of mental health services. The individual who earns this degree may return to the college with minimum difficulty to enroll in upper division programs

leading to a baccalaureate degree. Additional information on this degree program is provided in the listing for the Department of Psychology and Sociology.

ASSOCIATE IN ARTS

For the two-year degree of Associate in Arts, a student must complete at least 45 quarter hours of course-work in this program at Armstrong State College. The program is designed to provide a substantial liberal education as a base for upper-division specialization.

	<i>Quarter Hours</i>
1. English 121, 122, 221, and one course selected from:	20
Art 200, 290, 291; Music 200; Philosophy 201; English 222	
2. History 114*, 115*	10
3. One of the following two-course sequences:	10
Biology 101, 102	
Chemistry 121, 122	
Chemistry 128, 129	
Physics 211, 212	
Physics 217, 218	
Physical Science 121, 122	
4. Mathematics 101	5
5. Two of the following courses:	10
Economics 201	
Political Science 113*	
Psychology 101	
Sociology 201	
History 251* or 252*	
6. Physical Education 103, 117, and three courses selected from:	6
P.E. 101, 102, 104, 105, 106, 107, 200, 201, 202, 203, 205, 206, 207, 208, 209	
7. Electives	35
TOTAL. . .	96

(If a student plans to continue work in the future toward a baccalaureate degree, he should select courses that will meet the listed requirements of the baccalaureate degree program).

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

GRADUATE PROGRAMS

For the requirements for the Master of Business Administration degree and the Master of Education degree in Elementary Education, Special Education — Behavior Disorders, Biology, Chemistry, English, History, Political Science, or Mathematics, please see the *Graduate Bulletin*.

COMPLETE LIST OF PROGRAMS—
FOUR YEAR AND TWO YEAR DEGREES

1. Bachelor of Arts with a major in Economics.
2. Bachelor of Arts with a major in English.
3. Bachelor of Arts with a major in English and requirements for secondary certification.
4. Bachelor of Arts with a major in French.
5. Bachelor of Arts with a major in History.
6. Bachelor of Arts with a major in History and requirements for secondary certification.
7. Bachelor of Arts with a major in Music.
8. Bachelor of Arts with a major in Political Science.
9. Bachelor of Arts with a major in Political Science and requirements for secondary certification.
10. Bachelor of Arts with a major in Psychology.
11. Bachelor of Arts with a major in Psychology with a concentration in Mental Health Work.
12. Bachelor of Arts in Psychology and requirements for secondary certification in Behavioral Science.
13. Bachelor of Arts with a major in Social Work.
14. Bachelor of Science with a major in Biology.
15. Bachelor of Science with a major in Biology and requirements for secondary certification.
16. Bachelor of Science with a major in Chemistry.
17. Bachelor of Science with a major in Chemistry and requirements for secondary certification.
18. Bachelor of Science with a major in Criminal Justice.
19. Bachelor of Science with a major in Mathematics.
20. Bachelor of Business Administration with a concentration in Accounting.
21. Bachelor of Business Administration with a concentration in Business Education and requirements for secondary certification.
22. Bachelor of Business Administration with a concentration in Economics.
23. Bachelor of Business Administration with a concentration in Finance.
24. Bachelor of Business Administration with a concentration in Information Systems.
25. Bachelor of Business Administration with a concentration in Management.
26. Bachelor of Business Administration with a concentration in Management-Marketing.
27. Bachelor of Science in Education with a major in Mathematics.
28. Bachelor of Science in Education with a major in Physical Education.
29. Bachelor of Science in Education with a major in Speech Correction.

30. Bachelor of Science in Dental Hygiene Education.
31. Bachelor of Science in Elementary Education.
32. Bachelor of Science in Nursing.
33. Bachelor of Science in Medical Technology.
34. Bachelor of Music Education.
35. Associate in Arts.
36. Associate in Arts in Nursing.
37. Associate in Arts in Secretarial Studies.
38. Associate in Science in Criminal Justice.
39. Associate in Science in Dental Hygiene.
40. Associate in Science in Mental Health Work.



IX. DEPARTMENTAL COURSE OFFERINGS AND REQUIREMENTS FOR MAJORS

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Armstrong State College reserves the right to (1) withdraw any course for which fewer than ten students register, (2) limit the enrollment in any course or class section, (3) fix the time of meeting of all classes and sections, and (4) offer such additional courses as demand and faculty warrant.

No credit will be given in beginning courses in languages where the same or similar courses have been presented for admission from high school.

After each course name, there are three numbers in parenthesis. The first number listed is the number of hours of lecture; the second, the number of hours of laboratory; and the third, the number of quarter hours of credit the course carries. For example: Biology 101 - Principles of Biology (4-3-5).

Courses numbered 100 to 199 are generally planned for the freshman level; courses numbered 200 to 299, for the sophomore level; courses numbered 300 to 399, for the junior level; courses numbered 400-499, for the senior level. Courses numbered 0-99 carry institutional credit only and may not be applied to a degree program.

For the requirements for the Master of Business Administration degree and the Master of Education degree in Elementary Education, Special Education — Behavior Disorders, Biology, Business Education, Chemistry, English, History and Political Science, or Mathematics, please see the *Graduate Bulletin*.

ACADEMIC SKILLS LABORATORY

Associate Professor John R. Hansen, Head; Assistant Professors Brown, Dandy, Harris and Padgett; Instructor Cottrell.

The Academic Skills Laboratory provides an opportunity for students to remove academic deficiencies in English, Mathematics, and Reading which might otherwise prevent their completing college work successfully. Institutional credit *only* is awarded for each course offered in the department. This credit does not apply to the requirements for a degree program or to the requirements for graduation from Armstrong State College.

Academic Skills Laboratory courses receive students from the following five sources:

1. A conditionally admitted student must enroll in those Academic Skills Laboratory courses appropriate to the removal of his specific areas of weakness as indicated by results of the testing programs through which the student received conditional admittance status. To insure realistic class scheduling, the conditionally admitted student can enroll only in courses approved by the head of the Academic Skills Laboratory until such time as the student achieves full admission status.

2. The Department of Languages and Literature and the Department of Mathematics and Computer Science may place any student, on the basis of the student's performance on the English Diagnostic Test or the Mathematics Diagnostic Test, in appropriate Academic Skills Laboratory courses.
3. Any student may be placed in any Academic Skills Laboratory courses on the basis of an unsatisfactory performance on the Regents Examination.
4. Any student may voluntarily enroll in any Academic Skills Laboratory course.
5. Any member of the general public may enroll in any Academic Skills Laboratory course through the Office of Community Services.

Course Offerings

ENGLISH 98—Review of Grammar. (5-0-5). Offered each quarter.

This course involves the study of sentence structure, including intensive practice in recognizing and writing English sentences.

ENGLISH 99—Fundamentals of Composition. (5-0-5). Offered each quarter.

This is the study and practice of techniques of paragraph structure. Students learn to write clearly, logically, coherently, and correctly.

MATHEMATICS 98—Review of Arithmetic. (5-0-5). Offered each quarter.

Emphasis is placed upon computation involving fractions, decimals, percentage, and integers. Scientific notation and the metric system of measurement are also studied.

MATHEMATICS 99—Basic Mathematics. (5-0-5). Offered each quarter.

Topics include real number arithmetic, polynomial expressions, sets, linear and quadratic equations.

READING 98—Reading Skills. (5-0-5). Offered each quarter. Not open to students having credit for Reading 99.

This course is appropriate for conditionally admitted students and other students experiencing serious difficulty in reading. Word attack skills, comprehension skills, study skills, and vocabulary building are stressed.

READING 99—Developing Reading Maturity. (5-0-5). Offered on demand.

This course is appropriate for students preparing for the Regents' Examination and for students experiencing moderate difficulty in reading. Comprehension skills, vocabulary enrichment, test-taking strategies, and reading fluency are stressed.

ANTHROPOLOGY

(See listing under Department of Psychology and Sociology).

ART

(See listing under Department of Fine Arts).

ASTRONOMY

(See listing under Department of Chemistry and Physics).

DEPARTMENT OF BIOLOGY

Professor Leslie B. Davenport, Jr., Head; Professor Thorne; Associate Professors Beltz and Pingel; Assistant Professors Brower and Guillou; Instructor Rock.

DEGREE REQUIREMENTS

The Major in Biology

The major in biology consists of Biology 101, 102, Botany 203, Zoology 204, and at least 40 quarter hours credit in biology courses (botany, zoology, etc.) numbered 300 or above. The majority of the courses in the major numbered 300 or above must be taken in the Biology Department at Armstrong State College.

In addition, biology majors must complete elementary statistics and the course sequence in organic chemistry (15 quarter hours). The course in general college physics (15 quarter hours) is strongly recommended and should be considered essential for those who expect to continue the study of biology beyond the B.S. degree. Majors must also complete a foreign language through 103.

Each student acquiring a major in biology must include in his program the following courses: Biology 370; Biology 480; and Botany 410 or Zoology 410. If credit for any of these three courses is transferred to Armstrong from another college, the department may require that it be validated by examination. Unless exempted by examination, each student must complete a course in United States history.

To be admitted to courses in biology above the freshman level (those numbered 200 or above), the student must have completed the prerequisites for each with at least a grade of "C" for each prerequisite. To be eligible

for a B.S. degree in biology, the student must have an average of at least "C" for all upper division courses (those numbered 300 or above) in biology.

Beginning students who have successfully completed strong courses in biology in high school are advised to take the examinations for advanced placement which are offered with the College Entrance Examinations. Arrangements to take these tests may be made through the office of the Dean of Student Affairs.

In order to receive Core Curriculum credits for the Biology laboratory science sequence by taking biology in the Savannah State-Armstrong exchange program, a student must take the ENTIRE sequence of ten quarter hours either at Armstrong State College or at Savannah State College.

The student completing the major in Biology may concurrently complete secondary teaching certification requirements by completing the following program of studies.

*Program for Secondary School Teachers of Science
with a Major in Biology*

	<i>Quarter Hours</i>
A. General Requirements	90
1. English 121, 122, 221 and one course selected from:	20
Art 200, 290, 291; Music 200; Philosophy 201; English 222	
2. One Foreign Language	15
3. History 114*, 115*	10
4. History 251* or 252*	5
5. Psychology 101 and one of the following courses:	10
Economics 201	
Political Science 113*	
Sociology 201	
6. Mathematics 101, 220	10
7. The following courses:	20
Biology 101, 102	
Botany 203 and Zoology 204	
B. Courses in Major Field	40
Students must complete the requirements for a major in biology including Biology 370, 480; Botany 410 or Zoology 410.	
C. Courses in Other Sciences	35
Chemistry 128, 129, 341, 342, 343	25
Physics 211, 212	10

D. Physical Education	6
Physical Education 103, 117	3
Three courses selected from:	3
P.E. 101, 102, 104, 105, 106, 107, 200, 201, 202, 203, 205, 206, 207, 208, 209	
E. Professional Sequence	35
Education 203, 330, 444, 446, 447, 448	30
Psychology 301	5
	TOTAL . . . 206

The Department also supervises the degree program in Medical Technology, requirements of which follow.

*Program for the Degree
Bachelor of Science in Medical Technology*

Quarter Hours

1. English 121, 122, 221, and one course selected from	20
Art 200, 290, 291; Music 200; Philosophy 201; English 222	
2. History 251* or 252*	5
3. Political Science 113*	5
4. History 114*, 115*	10
5. Mathematics 101, 220	10
6. Psychology 101 or Sociology 201	5
7. Physics 211, 212, 213	15
8. Chemistry 128-129, 281, 341, 342, 343, and 380	35
9. Biology 101-102, Zoology 204, 356, Biology 351, 370, and Zoology 372	35
10. Physical Education	6
11. Internship in Clinical Medical Technology	45
	TOTAL . . . 191

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

Course Offerings

BIOLOGY/PSYCHOLOGY 100—Human Sexual Relationships. (3-0-3). Offered on demand. Prerequisite: none.

A scientifically oriented discussion of the anatomy, physiology, and psychology of human sexuality. Facts pertinent to population problems and venereal diseases will be included. Emphasis will be on individual responsibility through knowledge. Credit for either biology or psychology.

BIOLOGY 101—Principles of Biology. (4-3-5). Offered each quarter.

Prerequisite: none.

Biological structure; the reproduction and development of organisms; the physical and chemical organization of protoplasm and cells.

BIOLOGY 102—Principles of Biology. (4-3-5). Offered each quarter.

Prerequisite: Biology 101.

Biological function; bioenergetics of cells, cellular and organismal physiology, genetics, differentiation, behavior, ecology, and evolution.

BIOLOGY 210—Micro-organisms and Disease. (3-4-5). Spring.

Prerequisites: Chemistry 201 and Zoology 209.

An introduction to the study of micro-organisms with primary emphasis on bacteria. The morphology, life history, and importance to public health of representative bacteria, fungi, viruses, and protozoa are considered. Credit for this course may not be applied toward a major in biology.

BIOLOGY 310—Man and the Environment. (5-0-5). Prerequisite: Completion of 75 quarter hours credit in college courses.

Consideration of the interactions between humans and the support systems of the earth which are essential to their existence. Credit for this course may not be applied toward a major in biology.

BIOLOGY 351—Bacteriology. (3-4-5). Fall. Prerequisites: 10 hours of biological science, Chemistry 128-129.

A survey of micro-organisms with special emphasis on bacteria and their relationships to man.

BIOLOGY 352—Medical Microbiology. (3-4-5). Prerequisite: Biology 351 and permission of the instructor.

A comprehensive study of the disease-causing microbes in terms of their diagnosis, pathology, and epidemiology.

BIOLOGY 354—Morphologic Haematology. (3-4-5). Prerequisites: Biology 102 and Chemistry 129.

Cytology of normal and pathologic human blood and bone marrow with emphasis upon antigenic determination in blood banking.

BIOLOGY 358—Histological Technique. (0-10-5). Offered on demand. Prerequisites: Biology 101, 102.

Principles and methods of killing, fixing, embedding, sectioning, staining, and mounting plant and animal materials for study.

BIOLOGY 370—Genetics. (3-4-5). Winter. Prerequisites: Biology 101, 102.

An introduction to the principles of biological inheritance.

BIOLOGY 410—Cellular Physiology. (3-4-5). Offered on demand. Prerequisites: At least third quarter junior status; two upper division courses in biology; and organic chemistry.

A consideration of the functional relationships between microscopic anatomy and cell chemistry, emphasizing permeability, metabolism, and growth.

BIOLOGY 440—Cytology. (2-6-5). Fall, odd numbered years. Prerequisite: Two senior division courses in biology.

The study of cells, their cytoplasm and nuclei, growth, differentiation, and reproduction.

BIOLOGY 450—Evolution. (5-0-5). Winter. Prerequisite: major in biology (at least 15 qtr. hrs. credit in upper division courses).

Modern concepts in organic evolution.

BIOLOGY 480—General Ecology. (3-4-5). Spring. Prerequisites: Two upper division courses in biology (botany or zoology).

A survey of the principles of ecology and their application to the welfare of man, co-ordinated with a study of populations and communities in the field.

BIOLOGY 490—Problems in Biology. (1-5 hours credit). Offered on demand. Prerequisites: At least 20 hours credit in biology courses numbered 300 or above; a B average in biology courses and in overall work; consent of department head; agreement of staff member to supervise work.

Problems to be assigned and work directed by a member of the department. Supervised research including literature search, field and/or laboratory investigation, and presentation of acceptable, written report of results. Credit will depend upon the work to be done. Both credit and proposed work must be approved in advance, in writing, by the faculty member to supervise the work and by the department head.

BOTANY 203—Survey of the Plant Kingdom. (3-4-5). Spring. Prerequisite: Biology 101 and 102.

Morphology and phylogeny of the divisions of the plant kingdom, with emphasis upon the evolution of the land flora.

BOTANY 305—Identification of Flowering Plants. (0-10-5). Spring. Prerequisite: Botany 203.

Studies in the identification of plants with emphasis on local flora.

BOTANY 323—Plant Anatomy. (0-10-5). Fall, even numbered years. Prerequisite: Botany 203.

The origin and development of the organs and tissue systems of vascular plants, and a comparative study of the structure of roots, stems, leaves, flowers, and fruits.

BOTANY 410—Plant Physiology. (3-4-5). Spring. Prerequisites: Botany 203 and Organic Chemistry.

A survey of physiologic processes occurring in plants and the conditions which affect these processes.

BOTANY 425—Plant Morphology. (3-4-5). Offered on demand. Prerequisite: Botany 323.

Comparative studies of vascular plants with emphasis on form, structure, reproduction, and evolutionary relationships.

ENTOMOLOGY 301—Introductory Entomology. (3-4-5). Summer. Prerequisite: Zoology 204.

An introduction to the study of insects — their structure, identification and biology.

ZOOLOGY 204—Survey of the Animal Kingdom. (3-4-5). Winter. Prerequisite: Biology 101 and 102.

An evolutionary survey of the major animal phyla.

ZOOLOGY 208—Human Anatomy and Physiology I. (4-3-5). Fall.

A basic course considering the gross anatomy, histology, and physiology of the human organ systems. Intended primarily for majors in nursing and dental hygiene; credit for this course may not be applied toward a major in biology.

ZOOLOGY 209—Human Anatomy and Physiology II. (4-3-5). Winter. Prerequisites: Zoology 208 and Chemistry 201.

A continuation of the basic course considering the anatomy and physiology of the human. Credit may not be applied toward a major in biology.

ZOOLOGY 325—Advanced Invertebrate Zoology. (3-4-5). Prerequisite: Zoology 204.

A study of the structure, body functions, interrelations, and natural history of the major invertebrate groups.

ZOOLOGY 355—Embryology. (3-4-5). Fall. Prerequisites: Zoology 204 or equivalent in another biological science.

An elementary course in embryology in which the chick is used to illustrate the basic principles of developmental anatomy.

ZOOLOGY 356—Comparative Anatomy of the Vertebrates. (3-6-6). Winter. Prerequisite: Zoology 204.

A study of the anatomy and evolution of the organ systems of the vertebrates.

ZOOLOGY 357—Animal Histology. (3-4-5). Winter. Prerequisite: Zoology 204.

A study of the tissues and their organization into organs and organ systems in animals.

ZOOLOGY 372—Parasitology. (3-4-5). Spring. Prerequisite: Zoology 204.

A comparative study of the internal and external parasites of man and other animals.

ZOOLOGY 410—General Vertebrate Physiology. (3-4-5). Fall. Prerequisites: Zoology 204 and Organic Chemistry.

An introduction to the general physiologic processes of the vertebrates.

ZOOLOGY 425—Marine Invertebrate Zoology. (2-6-5). Prerequisite: Zoology 325, or permission of instructor and department head.

Studies in the identification and ecologic distribution of marine invertebrates as exemplified by collection from the southeastern coastal region.

ZOOLOGY 429—Endocrinology. (4-4-5). Offered on demand. Prerequisites: Zoology 410 and one other senior division course in biology.

Physiology of the endocrine glands, their control of metabolism and reproductive cycles.

ZOOLOGY 435—Comparative Physiology. (3-4-5). Offered on Demand. Prerequisites: Zoology 204 and Organic Chemistry.

Studies in various groups of animals of the functions of organ systems involved in the maintenance of homeostasis under varying conditions within normal habitats and of *in vitro* reactions of tissues and systems under laboratory conditions.

BOTANY

(See listing under Department of Biology.)

DEPARTMENT OF BUSINESS ADMINISTRATION

Professor Richards, Acting Head; Professors Bhatia, Davis, Eason, Hall; Associate Professors Morgan and Squires; Assistant Professors Briercheck, Chambless, DeCastro, Jensen, LaBurtis, and Zepp; Instructor Alexander.

The department offers a two-year Secretarial Studies degree program and two four-year degree programs: the Bachelor of Arts degree with a major in economics and the Bachelor of Business Administration degree with concentrations in accounting, business education, economics, finance, information systems, management and management-marketing.

The Bachelor of Arts degree with a major in economics is appropriate for the student who wishes a broad liberal arts program with emphasis on understanding the concepts underlying the working of economic systems. The program provides a good preparation for anyone who plans to work in industry, especially banking, insurance, or investments. It also provides excellent preparation for positions in government, or further professional education in business, economics, education, or law. This program requires proficiency in a foreign language through the 201 level or completion of the calculus sequence.

The Bachelor of Business Administration degree with a concentration in business education is designed to prepare teachers of high school business subjects, such as bookkeeping and business management, and/or secretarial skills, such as typing, shorthand, office machines, and office procedures.

The programs leading to the degree of Bachelor of Business Administration with a concentration in accounting, economics, finance, information systems, management, or management-marketing require, in addition to the general college core requirements, a common business core of ten courses, and a major concentration of six courses in the respective major field. These programs are most appropriate for students who wish a broad general education in business and economics and, in addition, a significant amount of specialized background in a single area to enhance their prospects for immediate employment in industry or government.

Students in all programs should be familiar with general degree requirements as listed in the "Degree Programs" section of this bulletin, and should satisfy the college core requirements during the Freshman and Sophomore years. No student will be allowed to take upper division courses in his major unless he has a minimum grade of "C" in all prerequisite courses. An average of at least 2.0 in his major concentration courses is a

requirement for graduation, and college academic regulations, stated elsewhere in this bulletin, impose certain additional degree requirements. All students are reminded that History 251 or 252 is a degree requirement, unless exempted by examination.

The Department of Business Administration considers the core curriculum required sequences in English, Mathematics, Economics and Accounting as basic to the structure of its degree programs. Therefore, no student who has attempted 120 or more quarter hours will be permitted to enroll in a 300 or 400 level Business Administration or Economics course without the expressed permission of the Head of the Department of Business Administration unless he has successfully completed those required sequences appropriate to his degree program.

DEGREE REQUIREMENTS

Associate in Arts in Secretarial Studies

	<i>Quarter Hours</i>
1. English 121, 122	10
2. Mathematics 101	5
3. Economics 201, 202	10
4. Political Science 113* and History 251* or 252*	10
5. Physical Education 103, 117, and three of the following: 101, 102, 104, 105, 106, 107, 200, 202, 203, 205, 206, 207, 208, 209	6
6. Business Administration 200, 203, 205, 211, 215	23
7. Secretarial Studies 104**, 105, 106, 111**, 112, 113, 114, 213, 214	35
TOTAL HOURS.	92-99

**Students who have earned high school credit in a one-year course in typewriting and/or Gregg shorthand (or the college equivalent—one quarter or one semester) may not take for credit the beginning course in the subject in which this previous credit has been earned (Secretarial Studies 104, Secretarial Studies 111). These students should begin in the typewriting and/or shorthand sequence with the intermediate course in the subject.

Program for Secondary School Teachers of Business Education (Comprehensive Certification)

	<i>Quarter Hours</i>
A. General Requirements	100
1. English 121, 122, 221, 222	20
2. Speech 228	5
3. History 114*, 115*	10
4. Economics 201, 202	10

5. Political Science 113*	5
6. Mathematics 101, 195, 220.	15
7. One of the following two-course sequences:	10
Biology 101, 102	
Chemistry 121, 122	
Chemistry 128, 129	
Physics 211, 212	
Physics 217, 218	
Physical Science 121, 122	
8. Psychology <u>101</u> , plus four of the following courses:	25
Economics 326	
History 251* or 252*	
Psychology 305	
Sociology 201	
Music 200; Art 200, 290, 291; or Philosophy 201	
B.A. 200 or 205 or Computer Science 110	
B. Courses in Secretarial Skills.	23-28
Sec. Studies 104, Beginning Typewriting	2
Sec. Studies 105, Intermediate Typewriting	2
Sec. Studies 106, Advanced Typewriting	2
Sec. Studies 111, Beginning Gregg Shorthand.	3
Sec. Studies 112, Intermediate Gregg Shorthand	3
Sec. Studies 113, Advanced Gregg Shorthand.	3
Sec. Studies 213, Office Procedures	5
B.A. 203, Office Machines	3
B.A. 215, Business Communications	5
(Secretarial Studies 104 and 111 are often exempted. See course descriptions.)	
C. Courses in Business Administration	25
B.A. 211, 212	10
Three of the following courses:	15
B.A. 307, Business Law I	
B.A. 340, Principles of Marketing	
B.A. 360, Principles of Management	
B.A. 375, Personnel Administration	
Econ. 327, Money and Banking	
Econ. 331, Labor and Industrial Relations	
Econ. 335, Public Finance	
D. Physical Education	6
Physical Education 103, 117.	3
Three courses selected from:	3
P.E. 101, 102, 104, 105, 106, 107, 200,	
201, 202, 203, 205, 206, 207, 208, 209	

E. Professional Sequence	35
Education 203, 330, 438, 446, 447, 448	30
Psychology 301	5
TOTAL	
191-194	

*Program for Secondary School Teachers of Business Education
(Bookkeeping and Business Management)*

	<i>Quarter Hours</i>
A. General Requirements	100
1. English 121, 122, 221, 222	20
2. Speech 228	5
3. History 114*, 115*	10
4. Economics 201, 202	10
5. Political Science 113*	5
6. Mathematics 101, 195, 220	15
7. One of the following two-course sequences:	10
Biology 101, 102	
Chemistry 121, 122	
Chemistry 128, 129	
Physics 211, 212	
Physics 217, 218	
Physical Science 121, 122	
8. Psychology 101, plus four of the following courses:	25
Economics 326	
History 251* or 252*	
Music 200, or Art 200, or Philosophy 201	
Business Administration 200 or 205 or	
Computer Science 110	
Psychology 305	
Sociology 201	
B. Courses in Secretarial Skills	12-14
Sec. Studies 104, Beginning Typewriting	2
Sec. Studies 105, Intermediate Typewriting	2
Sec. Studies 106, Advanced Typewriting	2
Sec. Studies 213, Office Procedures	5
B.A. 203, Office Machines	3
C. Courses in Business Administration	40
1. B.A. 215, Business Communication	5
2. B.A. 211, 212, Principles of Accounting	15
B.A. 301, Intermediate Accounting I	
3. B.A. 307, Business Law I	5
4. Three of the following courses:	15
B.A. 302, Intermediate Accounting II	
B.A. 308, Business Law II	

- B.A. 340, Principles of Marketing
- B.A. 360, Principles of Management
- B.A. 375, Personnel Administration
- Econ. 327, Money and Banking
- Econ. 331, Labor and Industrial Relations
- Econ. 335, Public Finance

D.	Physical Education	6
	Physical Education 103, 117	3
	Three courses selected from:	3
	P.E. 101, 102, 104, 105, 106, 107, 200	
	201, 202, 203, 205, 206, 207, 208, 209	
E.	Professional Sequence	35
	Education 203, 330, 438, 446, 447, 448	30
	Psychology 301	5
TOTAL		193-195

Bachelor of Arts with a Major in Economics

Quarter Hours

A.	Humanities	20
	English 121, 122, and 221	
	One of the following courses:	
	Art 200, Art 290, Art 291, Music 200	
	Philosophy 201, English 222	
B.	Mathematics and the Natural Sciences	20
	Mathematics 101, 103	
	A Laboratory Science sequence	
C.	Social Sciences	20
	History 114*, 115*	
	Political Science 113*	
	One course selected from:	
	Psychology 101, Sociology 201, Anthropology 201	
D.	Courses Appropriate to the Major Field	30
	Economics 201, 202	
	Mathematics 220	
	Foreign Language 101, 102, 103	
	or	
	Mathematics 104, 201, 202	

E. Physical Education	6
P.E. 103 and P.E. 117	
Three of the following courses:	
P.E. 101, 102, 104, 105, 106, 107,	
200, 201, 202, 203, 205, 206, 207, 208, 209	
F. Major Concentration	40
Economics 305, 306, 312, 435 and four other 300 or	
400-level economics courses	
G. Related Areas	35
Proficiency in a foreign language at the 201 level is required	
if a foreign language is offered in satisfaction of the	
requirements under part "D" above.	

Bachelor of Business Administration

(With a concentration in accounting, economics, finance, information systems, management-marketing.)

Quarter Hours

A. Humanities	20
1. English 121, 122, 221, and one course	
selected from:	20
Art 200, 290, 291; Music 200;	
Philosophy 201; or English 222	
B. Mathematics and Natural Science	25
1. Mathematics 101, 195, 220.	15
2. Laboratory Science Sequence	10
C. Social Sciences	30
1. History 114*, 115*.	10
2. Economics 201, 202.	10
3. Political Science 113*	5
4. Psychology 101 or Sociology 201	5
D. Courses in Business Administration	15
1. B.A. 211, 212	10
2. B.A. 215	5
(Computer Science 110 is also required for the major in In-	
formation Systems.)	
E. Physical Education	6
<i>Total Freshman-Sophomore Hours</i>	<i>96</i>

F. Approved electives	30
Electives from the Humanities, the Social Sciences, Natural Sciences, Mathematics and Computer Science. (Computer Science 110 is required for Information Systems majors). At least 15 quarter hours must be in courses numbered 200 or above. Not more than 15 quarter hours may be in Business Administration courses. The requirement for a course in U.S. History must be satisfied.	
G. Business Core Requirements	35
B.A. 307, Business Law	
B.A. 320, Business Finance	
B.A. 340, Principles of Marketing	
B.A. 360, Principles of Management	
Economics 311, Quantitative Methods or Economics 312, Econometrics	
Economics 327, Money and Banking or Economics 306, National Income Analysis	
One of the following:	
B.A. 308 (Accounting majors only)	
Economics 305, Managerial Economics	
Economics 311 or 312 (Information Systems majors are required to have both Economics 311 and Economics 312)	
Economics 331, Labor and Industrial Relations	
Economics 335, Public Finance	
Economics 405, Government and Business	
Economics 431, Investments	
H. Major Concentration.	30
TOTAL	
191	

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

Concentrations

1. Accounting
 - B.A. 301, 302-Intermediate Accounting I, II, and four of the following:
 - B.A. 329-Cost Accounting I
 - B.A. 330-Cost Accounting II
 - B.A. 436-Income Taxation I
 - B.A. 437-Income Taxation II
 - B.A. 450-Auditing Principles
 - B.A. 455-Advanced Accounting
2. Economics
 - Econ. 305-Managerial Economics
 - Econ. 306-National Income Analysis

Econ. 435-Seminar on Contemporary Economic Problems, and the remaining hours selected from the following:

- Econ. 311-Quantitative Methods
- Econ. 312-Econometrics
- Econ. 326-Economic History of the United States
- Econ. 335-Public Finance
- Econ. 345-Economic Development
- Econ. 350-Transportation Economics
- Econ. 405-Government and Business
- Econ. 410-International Trade
- Econ. 420-Comparative Economic Systems
- Econ. 431-Investments
- Econ. 445-Independent Study

3. *Finance*

- B.A. 465-Business Policy
- B.A. 425-Manual Accounting or
 - B.A. 301-Intermediate Accounting I or
 - B.A. 329-Cost Accounting I

Four of the following:

- B.A. 308-Business Law II
- B.A. 404-Real Estate
- B.A. 407-Principles of Insurance
- B.A. 436-Income Taxation I
- B.A. 437-Income Taxation II
- Econ. 306-National Income Analysis
- Econ. 325-Personal Finance
- Econ. 335-Public Finance
- Econ. 431-Investments

4. *Information Systems*

- Computer Science 231, Business Language I
- Computer Science 232, Business Language II
- Computer Science 301, Computer Organization and Programming
- Computer Science 306, Data and Programming Management

Ten hours of additional Computer Science courses having the approval of the Computer Science major advisor.

5. *Management*

- B.A. 425-Manual Accounting
- B.A. 465-Business Policy and four of the following:
 - B.A. 308-Business Law II
 - B.A. 301-Intermediate Accounting I or
 - B.A. 329-Cost Accounting I
 - B.A. 344-Principles of Salesmanship
 - B.A. 348-Advertising
 - B.A. 375-Personnel Administration
 - B.A. 411-Marketing Management

B.A. 412-Marketing Research
B.A. 460-Production Planning and Control
B.A. 462-Human Relations in Industry
Economics 305-Managerial Economics
Economics 350-Transportation
Economics 405-Government and Business
Psyc. 320-Industrial Psychology

6. *Management-Marketing*

B.A. 411-Marketing Management or
B.A. 412-Marketing Research
B.A. 465-Business Policy, and one or more of the following:
B.A. 344-Principles of Salesmanship
B.A. 348-Advertising
B.A. 411-Marketing Management
B.A. 412-Marketing Research

The remaining hours to be selected from the list under MANAGEMENT above.

Course Offerings

BUSINESS ADMINISTRATION 200-Survey of Business (5-0-5). Fall, Winter, Summer.

A first course in business for Business Administration majors or an elective for non-majors who wish to gain an understanding of the functioning of business enterprises in our capitalistic system. The course will provide a basic familiarity with: (a) the economic, social, and political environment in which business enterprises operate, and (b) the tools and managerial skills used in business decision-making in the various functional areas such as organization, management, financing, marketing, production and personnel. (Not open to upper-division business majors who have already taken 300-level work).

BUSINESS ADMINISTRATION 203—Business Machines. (3-2-3). Fall and/or Spring.

Development of skill in the use of adding-listing machines; mechanical and electronic calculating machines; dictating-transcribing machines; copying and duplicating machines; and the proportional-space typewriter; course syllabus adapted to the individual student's needs.

BUSINESS ADMINISTRATION 205—Data Processing. (5-0-5). Winter and/or Spring.

A study of the basic methods, techniques, and systems of manual, mechanical, electrical and electronic data processing systems and an analysis of the application of these systems to business and industry with emphasis on the manager and the role of management. Included in the course of study are the telecommunication terminal systems and the languages necessary to communicate with a computing system.

BUSINESS ADMINISTRATION 211—Introductory Accounting I. (5-0-5). Fall, Winter, Spring.

An introduction to the fundamental principles and procedures of accounting, including a study of the journal, the ledger, working papers, accounting statements, controlling accounts, special journals.

BUSINESS ADMINISTRATION 212—Introductory Accounting II. (5-0-5). Winter, Spring, Summer. Prerequisite: Business Administration 211.

An application of accounting principles to certain problems such as departmental operations, manufacturing accounts, the analysis of financial statements, accounting aids to management, statement of application of funds.

BUSINESS ADMINISTRATION 215—Business Communication (5-0-5). Fall, Winter, Spring. Prerequisites: English 121, 122.

The development of an awareness of the problems in communicating in business; theory and principles of effective business communication; business reports, letters, memorandums, and the instruments of the job application process; oral and non-verbal techniques.

BUSINESS ADMINISTRATION 301—Intermediate Accounting I. (5-0-5). Fall, Spring. Prerequisite: Business Administration 212.

Accounting theory and the solution of problems requiring an application of accounting theory.

BUSINESS ADMINISTRATION 302—Intermediate Accounting II. (5-0-5). Winter, Summer. Prerequisite: Business Administration 301.

A continuation of Business Administration 301, emphasizing the theories of valuation of fixed assets and liability accounts, the application of these, and the interpretation of financial statements prepared on the basis of these theories.

BUSINESS ADMINISTRATION 307—Business Law I. (5-0-5). Fall, Winter, Spring. Prerequisites: Accounting 211, Economics 201.

Law governing the basic principles applicable to the following subjects: contracts, offer and acceptance, consideration, rights of third parties and discharge; agency, liabilities of principal and agent; negotiability, endorsement and transfer, liabilities of parties.

BUSINESS ADMINISTRATION 308—Business Law II. (5-0-5). Winter and/or Spring. Prerequisites: Accounting 211, Economics 201.

The law applicable to the following subjects: partnership formation, powers and liabilities of partners; corporation formation powers; secured transactions; bankruptcy; real estate and mortgages; wills.

BUSINESS ADMINISTRATION 320—Business Finance. (5-0-5). Fall, Winter or Spring. Prerequisites: Business Administration 212, Economics 202, Mathematics 195, 220.

The internal and external sources of financing for business enterprises; acquisition and management of long-term and shorter-term funds; types of securities; equity and debt instruments; problems of financial management.

BUSINESS ADMINISTRATION 329—Cost Accounting I. (5-0-5). Fall. Prerequisites: Business Administration 212, Economics 202, Mathematics 195, 220.

Methods of determining and distributing costs in manufacturing, including job order and process methods.

BUSINESS ADMINISTRATION 330—Cost Accounting II. (5-0-5). Summer. Prerequisites: Business Administration 212, Economics 202, Mathematics 195, 220.

Standard cost procedures; budgeting; distribution costs and special cost problems.

BUSINESS ADMINISTRATION 340—Principles of Marketing. (5-0-5). Fall, Winter. Prerequisites: Economics 202, Accounting 212, Mathematics 195, 220.

Principles and methods involved in the movement of goods and services from producers to consumers or ultimate users.

BUSINESS ADMINISTRATION 344—Principles of Salesmanship. (5-0-5). Prerequisite: B.A. 340.

A detailed investigation and analysis of the myriad techniques utilized in the selling process.

BUSINESS ADMINISTRATION 346—Retailing. (5-0-5). Offered on demand. Prerequisite: B.A. 340.

An examination of the fundamentals necessary to establish and to manage effectively a successful retail concern.

BUSINESS ADMINISTRATION 348—Advertising. (5-0-5). Fall. Prerequisite: Business Administration 340.

Consideration of advertising and its relation to the overall marketing function. Includes media planning and selection, creativity and problem areas.

BUSINESS ADMINISTRATION 360—Principles of Management. (5-0-5). Fall, Winter. Prerequisites: Accounting 212, Economics 202, Mathematics 195, 220 or permission.

The basic principles of management applicable to all forms of business and to all levels of supervision; the functions of planning, organizing, directing and controlling as components of the management process.

BUSINESS ADMINISTRATION 375—Personnel Administration. (5-0-5). Fall. Prerequisites: Accounting 211, Economics 201, Math 101.

Personnel administration from the staff as well as the managerial approach. Staffing the organization; maximizing employee potential; organizational behavior; remuneration and security of employees.

BUSINESS ADMINISTRATION 404—Real Estate. (5-0-5). Prerequisites: Economics 201, 202 or permission.

Principles and practices concerned with the economic, financial, managerial and marketing aspects of commercial and industrial real estate planning and utilization.

BUSINESS ADMINISTRATION 407—Principles of Insurance. (5-0-5). Offered on demand. Prerequisites: Principles of Accounting I and II, Principles of Economics I and II, Mathematics 195, 220.

Introduction to the basic principles of life, property, liability and other areas of insurance. Consideration is given to the importance of risk in personal and business affairs and the various methods of handling risk.

BUSINESS ADMINISTRATION 411—Marketing-Management. (5-0-5). Offered on Demand. Prerequisites: Business Administration 340 and 360.

Management of marketing organizations, with emphasis on planning, organizing and controlling the marketing organization; internal and external communications; marketing management decision-making.

BUSINESS ADMINISTRATION 412—Marketing Research (5-0-5). Offered on Demand. Prerequisites: Business Administration 340, Mathematics 220 or permission.

Sampling, survey, experimental and other research techniques for determining customer preferences and market potentials. Interpretation and presentation of research findings for management decision-making.

BUSINESS ADMINISTRATION 425—Managerial Accounting. (5-0-5). Offered on Demand. Prerequisites: Business Administration 212, 360.

Emphasizes theory and practice of accounting from the standpoint of those who direct business operations and shape business policy.

BUSINESS ADMINISTRATION 436—Income Taxation I. (5-0-5). Winter. Prerequisite: Business Administration 212 desirable.

A study of federal income tax law and regulations; the income tax returns of individuals, partnerships and corporations.

BUSINESS ADMINISTRATION 437—Income Taxation II. (5-0-5). Spring. Prerequisite: Business Administration 436 or B.A. 301 and 302.

A continuation of Business Administration 436 with emphasis on corporations and fiduciary returns, gift taxes and estate taxes.

BUSINESS ADMINISTRATION 450—Auditing Principles. (5-0-5). Spring. Prerequisite: Business Administration 302.

The principles of audits and financial verification, standards of field work, preparation of audit working papers, writing audit reports, auditing ethics.

BUSINESS ADMINISTRATION 455—Advanced Accounting. (5-0-5). Summer. Prerequisites: Business Administration 301 and 302.

Selected problems in accounting. Analysis and evaluation of methods used for organizing and solving special accounting problems.

BUSINESS ADMINISTRATION 460—Production Management. (5-0-5). Prerequisite: Business Administration 360.

The principles of production management are developed through study of plant layout, inventory control, materials handling, production scheduling, quality control and associated topics.

BUSINESS ADMINISTRATION 462—Human Relations in Industry. (5-0-5). Offered on Demand. Prerequisite: Business Administration 360 or permission.

A study of the process of integrating people into the work situation so that they are motivated to work together harmoniously, productively and with economic, psychological and social satisfaction.

BUSINESS ADMINISTRATION 465—Business Policy. (5-0-5). Winter, Spring. Prerequisites: Business Administration 320, 340, 360 and senior status.

Problem solving and decision making by top management. An integrating course, taught by the case method. Should be taken in the student's final quarter, if possible.

ECONOMICS

ECONOMICS 201—Principles of Economics I. (5-0-5). Fall, Winter, Spring. Prerequisite: At minimum, eligibility to enter Mathematics 101.

Micro and Macro economic principles.

ECONOMICS 202—Principles of Economics II. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Economics 201.

Application of macro and micro economic principles to economic problems.

ECONOMICS 305—Managerial Economics. (5-0-5). Offered on Demand. Prerequisites: Economics 201, 202, Mathematics 220 and B.A. 212 for business majors.

Microeconomic applications to decision-making and policy formulation in the business firm. Production costs, pricing and market structures.

ECONOMICS 306—National Income Analysis. (5-0-5). Offered on Demand. Prerequisites: Economics 201, 202, Mathematics 195 or 220.

Income and employment analysis; money and interest; monetary and fiscal policy; inflation and unemployment.

ECONOMICS 311—Quantitative Methods. (5-0-5). Fall or Spring. Prerequisites: Economics 202, Mathematics 195, 220.

Applications and limitations of mathematical techniques to business and economic problems. Decision making under uncertainty. Inventory control. Linear, integer, and dynamic programming.

ECONOMICS 312—Econometrics. (5-0-5). Fall or Spring. Prerequisites: Economics 202, Mathematics 195, 220.

Applications and limitations of statistical techniques to business and economic problems. Limitations of ordinary least squares. Data problems. Index numbers. Sampling techniques.

ECONOMICS 325—Personal Finance. (5-0-5). Prerequisite: Mathematics 101.

This course is devoted to family financial matters such as budgeting expenditures, taxes, loans, charge accounts, savings media, life insurance, investment securities, mutual funds, estate planning, trusts, wills, estate and gift taxes.

ECONOMICS 326—Economic History of the United States. (5-0-5). Offered on demand.

The growth and development of economic institutions in the United States from the colonial period to the present, with emphasis on the period since 1860, and including developments in agriculture, industry, labor, transportation, and finance.

ECONOMICS 327—Money and Banking. (5-0-5). Fall, Spring.
Prerequisites: Economics 201, 202, Mathematics 195 or 220.

Monetary theory, banking theory and practice, central bank controls, other financial institutions, credit flows, monetary policies to achieve desired economic efforts.

ECONOMICS 331—Labor and Industrial Relations (5-0-5). Winter.
Prerequisites: Economics 201, 202; Mathematics 101.

The development and structure of the labor movement in the United States; the principles of wage determination; collective bargaining; and public policy toward labor unions.

ECONOMICS 335—Public Finance (5-0-5). Offered on Demand.
Prerequisites: Economics 201, 202; Mathematics 101.

The economic effects of governmental taxation, expenditures and public debt management. The principal sources of revenue and types of expenditures at the federal, state and local levels. The proper scope of government and issues of fairness in taxation.

ECONOMICS 345—Economic Development. (5-0-5). Alternate Falls.
Prerequisites: Economics 201, 202; Mathematics 195 or 220.

The nature and cause of economic stagnation in developing nations of the world, urgent need for their economic development, theory of economic growth, ways of fostering development, and balanced growth and industrialization.

ECONOMICS 350—Transportation Economics (5-0-5). Winter.
Prerequisites: Economics 201, Mathematics 195 or 103.

Domestic transportation and its economic impact; national transportation policy and regulatory agencies; principles of rate-making and computation; the U.S. transportation system, its problems and the future.

ECONOMICS 405—Government and Business (5-0-5). Offered on Demand. Prerequisites: Economics 201, 202, Mathematics 101.

The effects of public policies upon business and industry with emphasis on anti-trust, taxation, regulatory and defense policies.

ECONOMICS 410—International Trade. (5-0-5). Offered on demand.
Prerequisites: Economics 201, 101, Mathematics 195 or 220.

Export-import trade, emphasizing exchange techniques, balance of trade and payments accounts, and the theory of international specialization and exchange, the relationship of international transactions to national income.

ECONOMICS 420—Comparative Economic Systems (5-0-5). Offered on Demand. Prerequisites: Economics 201, 202, Mathematics 101.

Study of economic problems under different economic systems such as capitalism, socialism; and introduction to Marxian economic theory.

ECONOMICS 431—Investments. (5-0-5). Offered on demand.

The investment risks in different investment media; selection of appropriate media in accordance with individual or institutional goals and risk-bearing capacity. Types of investments and securities.

ECONOMICS 435—Seminar on Contemporary Economic Problems. (5-0-5). Alternate Springs. Prerequisites: Economics 201 and 202, and two 300-level economics courses, Mathematics 195 or 220.

General problems of production, employment, and income, with special reference to the specific problems faced by the American economic system.

ECONOMICS 445—Independent Study. (5-0-5). Offered on demand. Open to transient students only with permission of the Dean of the College at Armstrong and of the college from which the student comes.

Mature students of economics may be permitted to undertake special independent studies in one or more aspects of economics, under the supervision and guidance of a member of the faculty. Normally, the subject matter covered will parallel a bulletin-described course which is only infrequently offered. The student will meet frequently with his advisor and will be expected to submit reports in depth on his studies. Approval of the Advisor and the Department Head will be necessary for admittance to this course.

SECRETARIAL STUDIES

SECRETARIAL STUDIES 104—Beginning Typewriting (3-2-3). Fall, Winter, Spring.

Development of basic skill; introduction to typewritten letters, tabulations and manuscripts (includes term papers and book reports). *Students who have earned high school credit in a one-year course in typewriting (or the college equivalent—one quarter or one semester) may not take this course for credit. These students should either audit the course or begin the typewriting sequence with Intermediate Typewriting, Secretarial Studies 105.*

SECRETARIAL STUDIES 105—Intermediate Typewriting (3-2-3). Fall, Winter. Prerequisite: Secretarial Studies 104 or equivalent.

Improvement of basic skill; tabulations, business forms, letters, memorandums, and manuscripts; emphasis on production rate.

SECRETARIAL STUDIES 106—Advanced Typewriting (3-2-3). Winter, Spring. Prerequisite: Secretarial Studies 105 or equivalent.

Major emphasis on production rate; tabulations, letters and manuscripts; varied business forms and other information media.

SECRETARIAL STUDIES 111—Beginning Gregg Shorthand. (5-0-4). Fall Prerequisite or corequisite: Secretarial Studies 104 or equivalent.

Complete theory; reading, dictation and transcription from studied material to 60 words a minute. *Students who have earned high school credit in a one-year course in Gregg Shorthand (or the college equivalent—one quarter or one semester) may not take this course for credit. These students should either audit the course or begin the shorthand sequence with intermediate Gregg Shorthand, Secretarial Studies 112.*

SECRETARIAL STUDIES 112—Intermediate Gregg Shorthand. (5-0-4). Winter. Prerequisites: Secretarial Studies 111 or equivalent and Secretarial Studies 104 or equivalent.

Improvement of basic skill; mailable copy; reading; dictation and transcription from studied and new material to 90 words a minute.

SECRETARIAL STUDIES 113—Advanced Gregg Shorthand. (5-0-5). Spring. Prerequisites: Secretarial Studies 112 or equivalent and Secretarial Studies 104 or equivalent.

Improvement of basic skill; reading; mailable copy; dictation and transcription from studied and new material to 120 words a minute.

SECRETARIAL STUDIES 114—Advanced Dictation and Transcription. (5-0-4). Fall. Prerequisites: Secretarial Studies 113 or equivalent and Secretarial Studies 104 or equivalent.

Reading; mailable copy; dictation and transcription from new material to 140 words a minute.

SECRETARIAL STUDIES 213—Office Procedures. (5-0-5). Spring. Prerequisites: Secretarial Studies 105 or equivalent and Secretarial Studies 112 or equivalent.

Development of an understanding of administrative services common to business; work flow; interpersonal relationships; office systems.

SECRETARIAL STUDIES 214—Records Systems and Management. (5-0-5). Winter. Prerequisite: Secretarial Studies 104.

Records systems used in the contemporary business office and their management.

BUSINESS EDUCATION

(See listing under Department of Business Administration).

DEPARTMENT OF CHEMISTRY AND PHYSICS

Professor Henry E. Harris, Head; Professors Brewer and Stratton; Associate Professors Robbins and Whiten; Teaching Associate Goette.

The department offers one degree program, the Bachelor of Science with a major in chemistry, designed to give depth in the fields of chemistry, yet flexible enough to accommodate a range of career goals. The department also participates in The Dual Degree Program of Armstrong State College and the Georgia Institute of Technology under which students may earn simultaneously the B.S. degree in chemistry from Armstrong and the bachelor's degree from Georgia Tech in a related field, such as chemical engineering. Students interested in learning more about the chemistry degree program or any course offered by the department should contact the department head.

DEGREE REQUIREMENTS

Bachelor of Science with a Major in Chemistry

Quarter Hours

A. General Education Course Requirements:

1. English 121, 122, 22115
2. One of the following:
Art 200, 290, 291, English 222,
Music 200, Philosophy 200 5

3. Mathematics 101, 103	10
4. History 114, 115, and either 251 or 252	15
5. Political Science 113, and one of the following: Psychology 101, Anthropology 201, Sociology 102, Economics 201	10
6. Physical Education 103, 117, and three activity courses.	6
B. Chemistry Course Requirements:	
1. General Chemistry 128, 129, 281	15
2. Organic Chemistry 341, 342, 343	15
3. Analytical Chemistry 380	5
4. Physical Chemistry 491, 492, 495, 496	12
5. Approved Electives from the following: Chemistry 421, 441, 448, 461, 462, 480, 498, 499	13
C. Related Field Requirements:	
1. Physics 211, 212, 213 or 217, 218, 219	15 or 18
2. Mathematics through Integral Calculus	5-10
D. Approved Electives:	
Electives chosen to meet specific educational goals	45-50

*Program for Secondary School Teachers of Science
with a Major in Chemistry*

Quarter Hours

A. General Requirements	75
1. English 121, 122, 221, and one course selected from:	20
Art 200, 290, 291; Music 200; Philosophy 201; English 222	
2. History 114*, 115*	10
3. History 251* or 252*	5
4. Psychology 101 and one of the following courses:	10
Economics 201 Political Science 113* Sociology 201	
5. Freshman Mathematics and Mathematics 104, 201	20
6. Chemistry 128, 129	10
B. Courses in Major Field	50
Chemistry 281, 380	10
Chemistry 341, 342, 343	15
Chemistry 491, 492, 495,	12
Approved Chemistry Electives	13
C. Courses in Other Sciences	25
Biology 101, 102	10
Physics	15

D. Physical Education	6
Physical Education 103, 117	3
Three courses selected from:	3
P.E., 101, 102, 104, 105, 106, 107, 200, 201, 202, 203, 205, 206, 207, 208, 209	
E. Professional Sequence	35
Education 203, 330, 444, 446, 447, 448	30
Psychology 301	5
	TOTAL191

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

Course Offerings

CHEMISTRY

CHEMISTRY 121-122—General Chemistry. (4-3-5 for each course). Prerequisite: Entrance Requirements. Offered on demand.

These courses are designed for the student who is pursuing a non-science college major. They include a study of the fundamental laws and theories of inorganic chemistry. Included in the second quarter is a survey of organic chemistry and an introduction to biochemistry. These courses are a lecture-laboratory study with minimum reliance on mathematics.

CHEMISTRY 128-129—General Chemistry. (4-3-5 for each course). Prerequisite: College Algebra or equivalent. Offered each quarter.

These courses are the first two of the series 128, 129, 281 required to complete an academic year of General Chemistry. A study of the fundamental principles and laws of chemistry with a quantitative approach to the subject. These courses are designed for the science, pre-medical and engineering student. The laboratory work includes an understanding of fundamental techniques.

CHEMISTRY 201—Essentials of General Chemistry. (5-0-5). Fall, Spring.

An introduction to inorganic, organic, and biochemistry with emphasis on applications in human physiology and clinical chemistry. Experimental principles will be illustrated with classroom demonstrations.

CHEMISTRY 281—Qualitative Analysis (3-6-5). Fall and Spring. Prerequisite: Chemistry 129.

This course is the third of the series 128, 129, 281 required to complete an academic year of General Chemistry. Study of ionic equilibria and separation methods. Homogeneous solutions involving dissociation, hydrolysis and buffer action, and heterogeneous systems showing the influence of pH and complexation on solubility are illustrated. Various chemical and chromatographic techniques are used as a basis for qualitative analysis.

CHEMISTRY 301—The Chemistry of Life (5-0-5). Offered on demand. Prerequisite: Ten quarter hours of a laboratory science completed.

An introductory course covering selected areas of applied biochemistry. This course is not recommended for chemistry, biology, or premedical students.

CHEMISTRY 341-342—Organic Chemistry. (4-3-5 for each course). Prerequisite: Chemistry 129. Fall, Winter.

These courses include the study of aliphatics, aromatic hydrocarbons and their derivatives, polyfunctional compounds, and polynuclear hydrocarbons. Organic reactions are emphasized in terms of modern theory.

CHEMISTRY 343—Organic Chemistry. (4-3-5). Prerequisite: Chemistry 342. Spring.

A continuation of the organic chemistry sequence 341, 342. This course completes the fundamental study of organic chemistry with a consideration of carbohydrates, amino acids, and heterocyclics with their related compounds.

CHEMISTRY 350—Chemical Literature. (2-0-2). Prerequisite: Chemistry 342. Offered on demand.

A study of the use of the chemical library and the important journals, references, and information sources.

CHEMISTRY 380—Quantitative Instrumental Analysis. (2-9-5). Prerequisite: Chemistry 281. Winter.

A study of the principles of gravimetric, volumetric, spectrophotometric, and electrometric methods of analysis. The laboratory will provide practice in techniques and application of these principles.

CHEMISTRY 421—Advanced Inorganic Chemistry. (3-3-4). Prerequisite: Chemistry 380. Offered on demand.

Selected topics in inorganic chemistry tending to increase students' understanding of mechanisms of chemical reactions. Emphasizes the periodicity of elements.

CHEMISTRY 431-432—Seminar. (3-0-3 for each course). Prerequisite: Chemistry 343. Offered on demand.

Selected topics for group discussion.

CHEMISTRY 441—Advanced Organic Chemistry. (3-0-3). Prerequisite: Chemistry 343. Fall.

A further study of important organic reactions emphasizing theories of reaction mechanisms of organic chemistry.

CHEMISTRY 448—Organic Qualitative Analysis. (2-6-4). Prerequisite: Chemistry 343. Offered on demand.

Systematic approach to the identification of organic compounds.

CHEMISTRY 461—Biochemistry. (4-3-5). Prerequisite: Chemistry 343. Offered on demand.

A study of the chemical nature of cellular constituents and cellular metabolism. Subject topics include carbohydrates, proteins, lipids, enzymes, vitamins and coenzymes, anaerobic carbohydrate metabolism, lipid metabolism, the tricarboxylic acid cycle, oxidative phosphorylation, and photosynthesis.

CHEMISTRY 462—Biochemistry. (4-3-5). Prerequisite: Chemistry 461. Offered on demand.

A study of the metabolism of ammonia and nitrogen-containing compounds, the biosynthesis of nucleic acids and proteins, metabolic regulation, and selected topics.

CHEMISTRY 463—Clinical Chemistry. (4-3-5). Prerequisite: Chemistry 343. Offered on demand.

A study of the principles of chemistry applied in the clinical laboratory. Topic subjects to include instrumentation and microtechniques.

CHEMISTRY 480—Advanced Instrumental Analysis. (2-9-5). Prerequisites: Chemistry 380, 342. Offered on demand.

Includes study of principles involved in the operation and the laboratory use of special instruments for analysis.

CHEMISTRY 491-492—Physical Chemistry. (5-0-5 for each course). Prerequisites: Chemistry 380; Physics 213; Mathematics 201. Winter, Spring.

Fundamental principles of physical chemistry including the study of solids, liquids, gases, thermochemistry, thermodynamics and solutions. These courses will also cover a study of chemical equilibria, chemical kinetics, electrochemistry, colloids, quantum mechanics and nuclear chemistry.

CHEMISTRY 495-496—Physical Chemistry Laboratory. (0-3-1 for each course). Corequisite: Chemistry 491, 492 respectively.

Selected experiments to demonstrate applications of physical chemistry.

CHEMISTRY 498-499—Special Problems. (Schedule and credit vary.) Prerequisite: Consent of Department Head.

Problems to be assigned and work directed by a member of the Department. Supervised research including literature search, laboratory experimentation and presentation of results. Course credit will depend on problem.

PHYSICAL SCIENCE

PHYSICAL SCIENCE 121—Physical Environment. (4-3-5). Prerequisite: admission requirements. Offered each quarter.

An elementary study of the fundamental laws and concepts of physics and astronomy. This course is designed for non-science majors interested in a descriptive survey. The laboratory study is designed to supplement the study of theory.

PHYSICAL SCIENCE 122—Physical Environment. (4-3-5). Prerequisite: admission requirements. Offered each quarter.

An elementary study of the fundamental laws and theories of chemistry. This is a descriptive course which includes the classification of elements, basic chemical reactions, and atomic structure designed for the non-science major. The laboratory study includes experiences which augment class discussion.

ASTRONOMY 301—Introduction to Astronomy. (5-0-5). Offered on demand. Prerequisite: Ten quarter hours of laboratory science completed.

A study of the planetary system, stars, stellar structure, and cosmology.

GEOLOGY 301—Principles of Geology. (5-0-5). Offered on demand. Prerequisite: Ten quarter hours of a laboratory science completed.

An introduction to physical and historical geology. A study of the origin, evolution, and structure of the earth's crust, and geologic history.

OCEANOGRAPHY 301—Principles of Oceanography. (5-0-5). Offered on demand. Prerequisite: Ten quarter hours of a laboratory science completed.

A study of the basic principles of oceanography. Topic subjects to include the distribution of water over the earth, nature and relief of the ocean floors, tides and currents, chemical properties of sea water and constituents, and applications of oceanographic research.

PHYSICS

PHYSICS 211—Mechanics. (4-2-5). Prerequisite: Mathematics 103. Fall.

The first part of the sequence Physics 211-212-213 in general physics. Basic classical physics, including mechanics, sound, and heat. Designed for students with aptitude in mathematics below the level of calculus. Selected experiments to demonstrate applications.

PHYSICS 212—Electricity, Magnetism, Basic Light. (4-2-5). Prerequisites: Mathematics 103 and Physics 211. Winter.

The second part of the sequence Physics 211-212-213. Basic electricity, magnetism, and geometrical optics.

PHYSICS 213—Light Phenomena, Modern Physics. (4-2-5). Prerequisites: Mathematics 103 and Physics 212. Spring.

The last part of the sequence Physics 211-212-213. Continues the study of light from the viewpoint of physical optics, and concludes with the study of atomic and nuclear physics. Laboratory work includes two selected experiments of advanced scope.

PHYSICS 217—Mechanics. (5-3-6). Prerequisite: Mathematics 104, or concurrently. Fall, Summer.

The first part of the sequence Physics 217-218-219 in general physics. Basic classical physics, including mechanics, sound and heat. Designed especially for engineering students and recommended for science majors. Selected experiments to demonstrate applications.

PHYSICS 218—Electricity, Magnetism, Basic Light. (5-3-6). Prerequisites: Mathematics 104 and Physics 217. Winter.

The second part of the sequence Physics 217-218-219. Basic electricity, magnetism, and geometrical optics.

PHYSICS 219—Light Phenomena, Modern Physics, (5-3-6). Prerequisites: Mathematics 104 and Physics 218. Spring.

The last part of the sequence Physics 217-218-219. Continues the study of light from the viewpoint of physical optics, and concludes with the study of atomic and nuclear physics. Laboratory work includes two selected experiments of advanced scope.

PHYSICS 380—Introductory Quantum Mechanics. (5-0-5). Prerequisite: Physics 213 or Physics 219 and Mathematics 201.

An introduction to Quantum mechanical principles with applications in atomic and molecular structure.

PHYSICS 417—Mechanics. (5-0-5). Prerequisite: Physics 217 or 211 and Mathematics 201. Physics 218 or 212 and Mathematics 341 are recommended.

Statics, kinematics, and dynamics of particles and of systems of particles are developed using Newtonian principles.

COMPARATIVE LITERATURE

(See listing under Department of Languages and Literature).

COMPUTER SCIENCE

(See listing under Department of Mathematics).

DEPARTMENT OF CRIMINAL JUSTICE

Associate Professor William L. Megathlin, Head;
Associate Professor Magnus; Assistant Professor Johnson.

Two programs of study are available to the student who wishes to study in the criminal justice area—a two-year program leading to the degree of Associate in Science in Criminal Justice with a concentration in corrections or in law enforcement and a four-year program leading to the degree of Bachelor of Science in Criminal Justice. Each student should work closely with the Head of the Department in planning his program for either of the two degrees.

DEGREE REQUIREMENTS

*Associate in Science in Criminal Justice
With a Concentration in Law Enforcement*

	<i>Quarter Hours</i>
A. General Requirements	56
1. English 121-122	10
2. Art 200, 290, 291, Music 200, or Philosophy 201	5
3. Mathematics 101	5
4. Laboratory Science Sequence	10
5. History 251* or 252* and Political Science 113*	10
6. Psychology 101 and Sociology 201	10
7. Physical Education	6

B. Area of Concentration	40
Criminal Justice 100, 103, 104, 201, 202, 250, or 203, 210, 301	

TOTAL96

*Associate in Science in Criminal Justice
With a Concentration in Corrections*

Quarter Hours

A. General Requirements	56
1. English 121-122	10
2. Art 200, 290, 291, Music 200, or Philosophy 201	5
3. Mathematics 101	5
4. Laboratory Science Sequence	10
5. History 251* or 252* and Political Science 113*	10
6. Psychology 101 and Sociology 201	10
7. Physical Education	6

B. Area of Concentration	40
Criminal Justice 100, 102, 103, 210, 250 or 307, 301, 304, 306	

TOTAL96

At least 45 hours of each of these two programs must be completed at Armstrong.

Bachelor of Science in Criminal Justice

Students who intend to major in Criminal Justice should complete Criminal Justice 100 before the end of the freshman year and should complete all general education requirements as soon as possible. Criminal Justice majors must complete the required Criminal Justice courses with a grade of "C" or better.

Quarter Hours

A. General Requirements	66
1. English 121, 122, 221	15
2. Art 200, 290, 291, Music 200, Philosophy 201 or English 222	5
3. Mathematics 101 and either 195 or 220.	10
4. Laboratory Science Sequence	10

5. Political Science 113* and History 114* and 115*	15
6. Psychology 101, Sociology 201, Economics 201, or Anthropology 201	5
7. Physical Education	6
B. Courses Appropriate to Area of Concentration	30
1. Psychology 101 or Sociology 201	5
2. History 251* or 252*	5
3. Criminal Justice 100, 103, 201, 210	20
C. Area of Concentration	30
Criminal Justice 300, 301, 303, 305, 403, 490	
D. Electives from Related Areas	65
Sixty-five hours chosen from a list of selected electives. No more than fifteen hours may be taken from any one department except Criminal Justice. Seven of these courses must be 300-400 level courses.	
TOTAL	191

*A student in either the associate or the baccalaureate degree program may exempt these courses with credit awarded. See "Academic Regulations" and "Degree Programs" sections.

Course Offerings

CRIMINAL JUSTICE 100—Introduction to Criminal Justice Systems. (5-0-5). Fall.

This course deals with a systematic study of the agencies involved in the process of criminal justice. Required of all criminal justice majors.

CRIMINAL JUSTICE 102—Introduction to Corrections. (5-0-5). Offered on demand.

This course deals in the following areas: Correctional goals and organization, inmates (characteristics, behavior, classification, etc.), security and interpersonal relations. Although this course is designed primarily for those practitioners who are currently working in correctional institutions, it is open to all criminal justice majors.

CRIMINAL JUSTICE 103—Developing Interpersonal Communication Skills. (5-0-5). Offered on demand.

The emphasis of this course will be placed upon the development of interpersonal communication skills, i.e., skills that can be effectively utilized on the job to improve interaction among employees and between employees and the public.

CRIMINAL JUSTICE 104—Basic Law Enforcement. (5-0-5). Offered on demand.

This course will include a study of the police system in the United States, an overview of the basic purposes and objectives of the average police department, and an introduction to police ethics and professionalization.

CRIMINAL JUSTICE 201—Criminal Procedure. (5-0-5). Winter.

A survey of the distinctive features of, and the basis for, American Criminal Law buttressed by an analysis of leading court decisions relative to procedural rights emanating from the Bill of Rights.

CRIMINAL JUSTICE 202—Law of Evidence. (5-0-5). Fall.

An intensive analysis of the rules of evidence in criminal cases. Particular subjects will include burden of proof, hearsay evidence, and the principles of exclusion and selection.

CRIMINAL JUSTICE 203—Criminal Law. (5-0-5). Winter.

History and development of criminal law with definitions and general penalties. Special emphasis will be placed upon the Georgia Penal Code.

CRIMINAL JUSTICE 204—Criminal Investigation. (5-0-5). Spring.

Introduction to investigative methodology. Special techniques employed in criminal investigation, such as crime scene searches, the use of informants, and the techniques of surveillance will be emphasized, as well as the presentation of police cases in court.

CRIMINAL JUSTICE 210—Criminology. (5-0-5). Fall and Winter. Prerequisite: Sociology 201.

The nature and extent of crime in the United States; assessment and evaluation of various factors and influences that lead to criminal behavior; various measures proposed for the control of criminal behavior.

CRIMINAL JUSTICE 250—Directed Readings in Criminal Justice. (5-0-5). Offered on demand.

A course designed to permit each student to pursue an approved topic through independent study and research under the guidance and direction of the instructor. This course is designed to familiarize students who do not intend to pursue a four-year degree program with the fundamentals of practical research.

CRIMINAL JUSTICE 300—Research Methods in Criminal Justice. (5-0-5). Winter. (Students who have previously earned credit for this course when it was numbered C.J. 200 may not receive additional credit for this course.)

This course deals with the methods and techniques of research in the behavioral sciences. Emphasis will be placed on learning how to evaluate research.

CRIMINAL JUSTICE 301—Juvenile Delinquency. (5-0-5). Fall. Prerequisite: Criminal Justice 100 or consent of instructor.

A survey of theories of juvenile delinquency, the sociological, biological, and psychological factors involved in juvenile delinquency and the modern trends in prevention and treatment.

CRIMINAL JUSTICE 302—Criminalistics. (5-0-5). Summer. Prerequisite: a natural science laboratory sequence.

An introduction to the problems and techniques of scientific criminal investigation. Emphasis will be placed on familiarizing the student with the role of science and technology in modern law enforcement.

CRIMINAL JUSTICE 303—Penology. (5-0-5). Winter. Prerequisite: Criminal Justice 100 or consent of instructor.

This course deals with the analysis and evaluation of both historical and contemporary correctional systems. This course will also deal with the development, organization, operation and results of the different systems of corrections found in America.

CRIMINAL JUSTICE 304—Probation and Parole. (5-0-5). Offered on demand. Prerequisite: Criminal Justice 303.

This course will deal with the development, organization, operation and results of systems of probation and parole as substitutes for incarceration.

CRIMINAL JUSTICE 305—Law Enforcement Systems. (5-0-5). Fall. Prerequisite: Criminal Justice 100.

An introduction to the philosophical, cultural and historical background of the police idea. This course is conceptually oriented and will deal with concepts such as the role of the police in contemporary society, the quasi-military organization of the police, and community relations.

CRIMINAL JUSTICE 306—Correctional Counseling. (5-0-5). Winter. Prerequisite: Criminal Justice 303.

This course deals with the nature and function of counseling in a correctional setting. The different theoretical approaches and techniques of counseling as they can be applied in a correctional setting will be investigated.

CRIMINAL JUSTICE 307—Community Based Treatment. (5-0-5). Spring. Prerequisite: Criminal Justice 303.

This course will investigate the different community base treatment programs. An emphasis will be placed on investigating the function of half-way houses and the use of volunteers in corrections.

CRIMINAL JUSTICE 308—Criminal Justice Planning. (5-0-5). Spring. Prerequisite: Junior Standing.

Origins and evolution of modern day planning. Planning as a process of criminal justice decision-making.

CRIMINAL JUSTICE 402—Civil Liberties. (5-0-5). Spring. Prerequisite: Criminal Justice 201 or Political Science 317.

Problems will be drawn from the substantive and procedural aspects of constitutional law and explored in the context of the current friction between the values of order and individual liberty.

CRIMINAL JUSTICE 403—Judicial Process. (5-0-5). Winter. Prerequisite: Criminal Justice 201 or Political Science 317.

Courts as political subsystems in comparative perspective. Judicial decision-making and the development of public policy through the judicial process.

CRIMINAL JUSTICE 404—Correctional Treatment. (5-0-5). Spring. Prerequisites: Criminal Justice 303, 306.

This course involves an evaluation of specific programs and experiments in institutional treatment. An emphasis will be placed on the institutional adjustment, the preparation for institutional release and post-release facilities.

CRIMINAL JUSTICE 405—Group Methods in Corrections. (5-0-5). Spring. Prerequisite: Criminal Justice 306.

This course will investigate the group dynamics and the group processes as they can be applied to a correctional setting.

CRIMINAL JUSTICE 406—Law and Society. (5-0-5). Spring. Prerequisite: Criminal Justice 403 or the consent of the instructor.

The study of the theory and philosophy of law and the relationship between law and society. Current controversies such as civil disobedience and law and personal morality will receive special attention.

CRIMINAL JUSTICE 407—Legal Aspects of Corrections. (5-0-5). Offered on demand. Prerequisites: Criminal Justice 201, 303.

The course deals with the legal problems from convictions to release. Legal problems will be investigated in the following areas: pre-sentence investigation, sentencing, probation, parole, incarceration, and loss and restoration of civil liberties.

CRIMINAL JUSTICE 408—Human Relations. (5-0-5). Offered on demand. Prerequisite: Sociology 201.

This course will deal in the area of human relations as a means of controlling and changing people. Emphasis will be placed on effective listening and effective communication.

CRIMINAL JUSTICE 440—Seminar in Criminal Justice. (5-0-5). Spring. Prerequisite: Open to seniors only or by consent of the instructor.

An intensive study of selected topics relative to the concept of criminal justice. Subject matter will vary annually.

CRIMINAL JUSTICE 450—Field Experience I. (5-0-5). Offered each quarter. Prerequisite: Open to junior and senior criminal justice majors only and by invitation of the instructor.

The purpose of this course is to broaden the educational experience of students through appropriate observation and work assignments with criminal justice agencies. This course will be organized around specific problem orientations with operational research connotations. Students will be expected to spend a minimum of five hours per week with the participating agency. Open to transient students only with permission of the Dean of the College at Armstrong State College and of the college from which the student comes.

CRIMINAL JUSTICE 451—Field Experience II. (5-0-5). Offered each quarter. Prerequisite: Open to junior and senior criminal justice majors only and by invitation of the instructor.

This is a sequential course to Criminal Justice 450 which will permit the student to further broaden his perspectives. Open to transient students only with permission of the Dean of the College at Armstrong State College and of the college from which the student comes.

CRIMINAL JUSTICE 452-453-454—Internship. (5 Hours Credit for Each Course). Offered on demand. Prerequisite: Open only to senior criminal justice majors.

This course is designed to provide the student with an opportunity to apply academic training in the practical criminal justice setting. Settings will include law enforcement agencies (state or federal), community treatment facilities, and the courts. This course will be jointly supervised by college staff and law enforcement, correctional and court officials. Open to transient students only with permission of the Dean of the College at Armstrong State College and of the college from which the student comes.

CRIMINAL JUSTICE 490—Directed Research in Criminal Justice. (5-0-5). Offered on demand. Prerequisite: Open only by invitation of the instructor.

A course designed to provide qualified students the opportunity to perform suitable and meaningful research into some area of criminal justice under the direction of the instructor. Open to transient students only with permission of the Dean of the College at Armstrong State College and of the college from which the student comes.

DEPARTMENT OF DENTAL HYGIENE

Assistant Professor Richard M. Steinke, Head; Instructors Coursey, Tanenbaum, and Thomson.

Associate in Science in Dental Hygiene

The curriculum in dental hygiene at Armstrong State College was approved by the Council on Dental Education in May, 1973.

The purpose of the program is to meet the ever-increasing need for individuals educated in this rapidly growing and important health profession. Dental hygienists are in demand to provide dental health services in private dental offices, civil service positions, school programs, and various public health fields. They practice under the supervision of a dentist and must pass a state board examination for licensure.

Admission to this two-year program is limited to 30 in each class. Students enroll in the fall of each year. Application for admission should be completed by April 15th for the fall quarter, including a transcript of course work up to that date. A complete transcript shall be submitted as soon as possible thereafter.

A passing grade in all natural science courses must be maintained for the student to be allowed to continue in the Dental Hygiene courses during the freshman year. The student must earn a "C" or better in each Dental Hygiene course before he or she will be allowed to register for subsequent Dental Hygiene courses; therefore, the grade of "C" or better in the previous course(s) is prerequisite for each Dental Hygiene course for which the student registers after the first quarter of the freshman year. An overall GPA of 2.0 is required for graduation from the program.

DEGREE REQUIREMENTS

Associate in Science in Dental Hygiene

General Education	Dental Hygiene Education
Qtr. Hrs.	Qtr. Hrs.
Chemistry 201	Dental Hygiene 111
Zoology 208 and 209	and 112
English 121	Dental Hygiene 113
Psychology 101	Dental Hygiene 114
Sociology 201	and 115
Biology 210	Dental Hygiene 116
P.E. Elective	Dental Hygiene 117
Speech 228	Dental Hygiene 118
P.E. 211**	Dental Hygiene 119
History 251 or 252*	Dental Hygiene 120
Political Science 113*	Dental Hygiene 121
<u>53</u>	Dental Hygiene 211,
	212, 213
	Dental Hygiene 214
	Dental Hygiene 215
	Dental Hygiene 216
	Dental Hygiene 217
	Dental Hygiene 218
	Dental Hygiene 219
	Dental Hygiene 220
	Dental Hygiene 221
	<u>61</u>

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" and "Degree Programs" sections.

**Required by Council on Dental Education, American Dental Association.

Course Offerings — Freshman and Sophomore

DENTAL HYGIENE 111—Clinical Dental Hygiene I. (2-3-3). Fall Quarter.

This course is designed to introduce the student to the dental hygiene profession. The subject matter includes fundamental knowledge of clinical procedures and techniques of removing stains and deposits from the teeth. Clinical procedures are introduced first on manikins and then applied in the mouth.

DENTAL HYGIENE 112-113—Clinical Dental Hygiene II and III. (1-6-3) (1-6-3). Winter and Spring Quarters respectively. Prerequisite: Dental Hygiene 111.

Students continue with oral prophylactic techniques on patients in the clinic under supervision. The subject matter includes advanced procedures which the hygienist will use in the performance of duties. The student must apply acquired knowledge in all clinical situations.

DENTAL HYGIENE 114-115-116—Dental Anatomy and Physiology. (1-3-2) (1-3-2) 1-3-2). Fall, Winter and Spring Quarters respectively.

This sequential course includes nomenclature, tooth morphology, oral histology and embryology, head and neck anatomy, medical and dental emergencies, and growth and development. The course material will be presented by lecture, demonstration and directed experience.

DENTAL HYGIENE 117—General and Oral Pathology (3-0-3). Spring Quarter.

This course is designed to familiarize dental hygiene students with the principles of general pathology in relation to the common diseases of oral regions. Emphasis will be placed on clinical manifestations and the importance of early recognition of abnormal conditions.

DENTAL HYGIENE 118—Periodontics. (2-0-2). Summer Quarter.

This course is designed to give the student a basic understanding of periodontics. Emphasis will be placed on the significance of patient education and dental prophylaxis in the prevention of periodontal disease.

DENTAL HYGIENE 119—Dental Materials. (2-3-3). Summer Quarter.

This course is designed to provide a general understanding of the chemical, physical and mechanical properties of dental materials. The indications and limitations of materials will be stressed as well as proper manipulation of those materials used by dental hygienists.

DENTAL HYGIENE 120—Dental Roentgenology. (2-3-3). Summer Quarter.

This course will include a series of lectures, demonstrations, and directed experience in the fundamentals of dental roentgenology. Intra-oral techniques for the taking and processing of radiographs are taught and laboratory time will be devoted to demonstration and directed experience. Clinical time in subsequent quarters will afford the application of the principles to clinical situations.

DENTAL HYGIENE 121—Applied Nutrition. (2-0-2). Spring Quarter.

This course presents the biochemical aspects of nutrition as applied to the practice of dentistry. Students are instructed in diet, history taking, and dietetic counseling.

DENTAL HYGIENE 211-212-213—Clinical Dental Hygiene IV, V, and VI. (1-12-5) (1-12-5) (1-12-5). Fall, Winter and Spring Quarters respectively. Prerequisites: Dental Hygiene 111, 112, 113.

These courses are a continuation of the preceding clinical courses. Emphasis centers on improved proficiency in all areas of a working clinic. Lecture time is devoted mainly to the discussion of experiences encountered in clinical situations. Pertinent material related to the dental hygiene profession is included in these courses.

DENTAL HYGIENE 214—Anesthesiology and Pharmacology. (3-0-3). Fall.

This course is a study of drugs and anesthetics with special consideration given to those used in dentistry. It is designed to acquaint the student with the principles of drug action in the human patient.

DENTAL HYGIENE 215—Preventive Dentistry. (2-0-2). Fall.

The principles of prevention of oral diseases are presented. Emphasis is placed on training the student in the utilization of oral physiotherapy aids and on education and motivation of patients in proper oral hygiene. Clinical time in subsequent quarters will afford the application of these principles to clinical situations.

DENTAL HYGIENE 216—Fundamentals of Dental Hygiene. (1-0-1). Fall.

This course is designed as a seminar to acquaint students with the ethical responsibilities of the dental hygienist, the jurisprudence governing the practice of dental hygiene, and the structure and function of the American Dental Association, the Georgia Dental Association, and the American Dental Hygienists Association.

DENTAL HYGIENE 217—Dental Health Education and Public Health. (3-0-3). Winter.

This course includes demonstrations and practical applications of modern methods of dental health education. Developing teaching materials for dental health education and the presentation of materials are included.

This course also introduces the student to the various aspects of public health with reference to the needs of the community. Information concerning opportunities for participation in public health dentistry by the dental hygienist is included.

DENTAL HYGIENE 218—Dental Assisting. (2-0-2). Winter.

This course is designed to acquaint the student with the contributions to the provision of dental services by dental auxiliary personnel. The principles of assistant utilization are presented and application of these principles is made during clinical experience.

DENTAL HYGIENE 219—Total Patient Care. (2-0-2). Winter.

This course is a series of lectures designed to acquaint the student with the subject matter and practice of the various dental specialties in relation to the patient's total health. Emphasis is placed on periodontics, its treatment and the role of the dental hygienist in maintenance of oral health.

DENTAL HYGIENE 220—Directed Field Experience. (0-12-4). Spring. Prerequisites: Speech 228, Dental Hygiene 215, 216, 217, 218, 219.

Students will receive directed field experience in public health dentistry and dentistry for the handicapped. They will also experience planned learning experiences in private dental offices.

DENTAL HYGIENE 221—Director's Seminar. (1-0-1). Spring.

The student will be given the opportunity to reflect on the learning experiences of the dental hygiene curriculum and the role of the hygienist as a member of the health team.

DEGREE REQUIREMENTS

Bachelor of Science in Dental Hygiene Education

An additional two years of study (six quarters) are offered to graduates of accredited associate degree dental hygiene programs who are registered den-

tal hygienists. The enrollment is limited to those applicants with a minimum of one year of professional experience who wish to prepare themselves for a second career in Dental Hygiene Education.

In addition to courses listed for the Associate in Science in Dental Hygiene Degree, the following courses must be completed.

English 122, 221	10	Dental Hygiene 401	5
Mathematics—a 10 qtr. hr. sequence	10	Dental Hygiene 402	5
History 114*, 115*	10	Dental Hygiene 403	5
Philosophy 201	5	Dental Hygiene 404	<u>5</u>
Education 301	5		20
Psychology 301, 305	10		
*Education 330	5		
Electives	<u>15</u>		
	73		

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" and "Degree Programs" sections.

Course Offerings

DENTAL HYGIENE 401—Practicum in Dental Hygiene Education I. (1-8-5). Offered on Demand.

An introductory field experience in the college dental hygiene clinic, with emphasis on observation, individual and small group teaching, and teacher aide work. The first professional course for majors in Dental Hygiene Education.

DENTAL HYGIENE 402—Practicum in Dental Hygiene Education II. (1-8-5). Offered on Demand.

A continuation of Dental Hygiene 401. Problems common to beginning dental hygiene teachers, practices and procedures designed to accomplish program objectives, the establishment and organization of content, methods of clinical evaluation and supervision in the dental hygiene clinic.

DENTAL HYGIENE 403—Practicum in Dental Hygiene Education III. (1-8-5). Offered on Demand.

An advanced field experience, designed to assist the student in the development of learning activities, teaching procedures, and the presentation of materials pertinent to dental hygiene education. The student will develop and teach selected units in the basic dental hygiene sequence.

DENTAL HYGIENE 404—Dental Hygiene Independent Study. (2-6-5). Offered on Demand.

Individual independent study and field work in an area of major interest with special relevance to dental hygiene and future career objectives.

ECONOMICS

(See listing under Department of Business Administration).

DEPARTMENT OF EDUCATION

Professor William W. Stokes, Head; Associate Professors Barber, Lentini, Newberry, and Ward; Assistant Professors Bland, Simensen, and White.

The purpose of the Department of Education is to coordinate the college-wide programs of teacher education and to offer professional courses for the pre-service and in-service preparation of teachers. For specific requirements of the teacher education program offered by the college, see "Teacher Education" under "Degree Programs." For programs of study for degrees with secondary certification requirements, see appropriate departmental listings. Following are the programs of study for the degrees of Bachelor of Science in Elementary Education and Bachelor of Science in Education (Speech Correction):

DEGREE REQUIREMENTS

Bachelor of Science in Elementary Education

	<i>Quarter Hours</i>
A. General Requirements	96
1. Humanities: 30 quarter hours	
Art 200, 290, 291; Music 200; or Philosophy 201	5
English 121, 122, 221	15
Speech 228	5
Sociology 201 or Anthropology 201	5
2. Social Sciences: 30 quarter hours	
Geography 111	5
History 114*, 115*, and History 251* or 252*	15
Political Science 113*	5
Psychology 101	5
3. Science: 30 quarter hours	
Biology 101, 102	10
Chemistry, 121, 122; Physics 211, 212; or	
Physical Science 121, 122	10
Mathematics 101 and one of the following:	
Mathematics 103, 195, 220, 290	10
4. Physical Education: 6 quarter hours	
Physical Education 103, 117	3
Three courses selected from:	
P.E. 101, 102, 104, 105, 106, 107,	
200, 201, 202, 203, 205, 206, 207, 208, 209	3

B. Electives	25
1. Approved electives to establish added proficiency in one area of concentration chosen to correspond to the elementary curriculum: art, language arts, mathematics, modern foreign languages, music, sciences, social sciences, or teacher library service	20
2. Approved elective in related field	5
C. Specialized Content Courses	30
1. Education 425	5
2. Mathematics 391	5
3. Four of the following courses:	20
Art 320	
Education 434	
English 331	
Music 320	
Physical Education 320	
D. Professional Sequence Courses	40
Psychology 301	5
Education 203, 301, 435, 436, 446, 447, 448	35
	TOTAL
	191

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

Bachelor of Science in Education: Speech Correction

Quarter Hours

A. General Requirements	76
1. Humanities: 20 quarter hours	
English 121, 122, 221, and one course selected from: Art 200, 290, 291; Music 200; Philosophy 201; English 222	20
2. Social Sciences: 25 quarter hours	
History 114*, 115*, and History 251* or 252*	15
Political Science 113*	5
Psychology 101	5
3. Science: 25 quarter hours	
Biology 101, 102	10
Physical Science 121	5
Mathematics 101	5
Mathematics 195 or 290	5

4. Physical Education: 6 quarter hours	
Physical Education 103	1
Physical Education 117	2
Three courses selected from:	
P.E. 101, 102, 104, 105, 106, 107	
200, 201, 202, 203, 205, 206, 207, 208, 209	3
B. Speech Correction	55
Special Education 225	5
Special Education 230	5
Special Education 315	5
Special Education 320	5
Special Education 335	5
Special Education 410	5
Special Education 411	5
Special Education 412	5
Special Education 413	5
Special Education 415	5
Special Education 420	5
C. Related Courses	15
Mental Health 102	5
Psychology 305, 405	10
D. Professional Sequence Courses	45
Psychology 301	5
Education 203, 301, 330, 425, 446, 447, 448	35
Special Education 205	5
	TOTAL191

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

Course Offerings

EDUCATION 203—Orientation to Teaching. (5-0-5). Each quarter.

The study of the status of education and of teaching as a profession. The student engages in directed self-study and plans for the achievement of his professional goals.

EDUCATION 301—Child Development and the Educative Process. (2-8-5). Fall, Winter, Spring. Prerequisite: Education 203.

A study of the developmental learning characteristics of pupils in relation to ways in which the school environment may elicit further development.

Students attend seminars on campus and serve as junior professionals in selected elementary schools. Enrollment limited to 12 students per section.

EDUCATION 307—Growth and Development of the Young Child. (5-0-5). Fall. Prerequisite: Admission to Teacher Education.

The study of inter-relatedness of the aspects of growth and development: physical-motor, social-emotional, and intellectual-cognitive for the young child. A unification of theory and research utilizing directed observations and a study of various measurements appropriate with young children will be included.

EDUCATION 308—Child and His Family. (5-0-5). Offered on Demand. Prerequisite: Admission to Teacher Education.

The study of children including the parent-child, parent-teacher, relationships and cultural factors which affect children and their families. Techniques for development of parent involvement in the total developmental processes.

EDUCATION 309—Materials and Methods of Early Childhood Education. (5-0-5). Winter. Prerequisite: Education 307.

The study of curricula needs, materials and techniques appropriate for use with young children.

EDUCATION 310—Practicum in Nursery-Kindergarten Education. (2-8-5). Spring. Prerequisite: Education 309.

Provides opportunities for directed experience with children under six. Students attend seminars and work in selected preschool programs.

EDUCATION 330 - Secondary School Curriculum and Methods, General. (3-6-5). Spring and Summer. Prerequisites: Admission to Teacher Education, Psychology 301.

The study of secondary school curriculum and methods. Detailed study is given to techniques of systematic observation, preparation of behavioral objectives, analysis of critical incidents, production of media materials, practices of classroom control, and examination of instructional models. Directed practicum.

EDUCATION 338—Secondary School Curriculum and Methods, Business Education. (5-0-5). Winter. Prerequisites: Admission to Teacher Education, Psychology 301.

The study of secondary school business education curriculum with emphasis upon materials and methods of teaching business education. Directed observation.

EDUCATION 425—The Teaching of Reading. (5-0-5). Each quarter. Prerequisites: Education 203 and Admission to Teacher Education, or permission of instructor.

The teaching of reading including approaches, techniques, materials, and evaluating growth.

EDUCATION 426—Practicum in Individualized Reading Instruction. (2-8-5). Offered on Demand. Prerequisite: Education 425.

This course is designed to provide prospective teachers with directed practice and observation in the teaching of reading. Special emphasis will be placed upon diagnosis and teaching of needed reading skills. Students will be placed under the supervision of teachers who have been selected for their

competency in the teaching of reading. Open to Elementary Education majors only.

EDUCATION 434—Methods and Curriculum of Elementary Science. (5-0-5). Winter and Summer.

Provides prospective teachers with a better concept of the meaning of science, processes for translating this concept into classroom practice and a variety of ways for helping children learn science, with special emphasis on the kind of inquiry that engages them in the processes of discovery.

EDUCATION 435—Elementary School Curriculum. (5-0-5). Summer, Fall, Winter. Corequisite: Education 436. Prerequisites: Education 301 and Psychology 301, or permission of the instructor, and admission to the teacher education program.

The study of existing organizational patterns of the school and experiences in curriculum planning, evaluation, trends, and design. Directed observation.

EDUCATION 436—Elementary School Methods. (5-0-5). Summer, Fall, Winter. Corequisite: Education 435. Prerequisites: Education 301 and Psychology 301, or permission of the instructor, and admission to the teacher education program.

The study and evaluation of teaching methods, materials, and equipment in the various teaching fields. Actual unit development in preparation for student teaching.

EDUCATION 439—Secondary School Curriculum and Methods, English. (5-0-5). Fall. Prerequisites: Admission to Teacher Education, Psychology 301.

The study of secondary school English curriculum with emphasis upon materials and methods of teaching English. Directed observation.

EDUCATION 440—Secondary School Curriculum and Methods, Social Science. (5-0-5). Fall, Spring. Prerequisites: Admission to Teacher Education, Psychology 301.

The study of secondary school social science curriculum with emphasis upon materials and methods of teaching social science. Directed observation.

EDUCATION 441—Secondary School Curriculum and Methods, Mathematics. (5-0-5). Offered on Demand. Prerequisites: Admission to Teacher Education, Psychology 301, and 12 hours of 300 or 400 level mathematics courses. Corequisite: Mathematics 311, Mathematics 336.

The study of secondary school mathematics curriculum with emphasis upon materials and methods of teaching mathematics. Directed observations.

EDUCATION 443—Methods and Curriculum in Health, Physical and Recreation Education. (5-0-5). Offered on Demand. Prerequisites: Admission to Teacher Education, Psychology 301, Education 330.

The study of secondary school Health, Physical and Recreation Education curriculum with emphasis upon materials and methods of teaching Health, Physical and Recreation Education. Directed observation.

EDUCATION 446—447—448—Student Teaching. (15 quarter hours). Fall, Winter, Spring. Prerequisite: See "Teacher Education" section under "Degree Programs."

Students are placed in selected schools for one quarter as full time student staff members. No additional credit hours may be earned while student teaching. Classroom teaching experiences and other staff responsibilities are jointly supervised by the college staff, supervising teachers, and principals in the selected schools. Open to transient students only with permission of the Dean of the College at Armstrong and of the college from which the student comes.

LIBRARY SCIENCE

LIBRARY SCIENCE 110—Introduction to Library Research and Materials. (1-0-1).

An orientation to the Lane Library, library terminology, general research methods, and major library aids, such as the card catalog, classification and subject heading guides, general periodical and newspaper indexes, encyclopedias, dictionaries, almanacs, handbooks and yearbooks. This is a survey course to acquaint the student with a library's potential to answer his information needs as a student, civilian, researcher, or business person.

LIBRARY SCIENCE 111—Special Periodicals and Bibliographies. (1-0-1).

A self-instructional survey of special periodical and book indexes as well as atlases; gazetteers; biographical tools; reviews and criticisms; and national, state, local, and selected international and foreign documents, guides and tools.

***LIBRARY SCIENCE 310**—Reference Materials. (5-0-5).

Study and evaluation of basic reference sources for effective reference service in elementary and secondary schools. Designed to give the student a working knowledge of a library as an information and resource center.

LIBRARY SCIENCE 311—Principles of Library Research and Materials. (1-0-1).

A study of general research methodology and tools. The methodology aspect will focus on two main areas of concern, (1) the question-transfer and negotiation process, and (2) the ability to recognize ready reference, bibliographic and evaluative reference/research questions. The study of tools will focus on the recognition and application of the proper sources for solution. A research project approved by the professor is required as partial requirement for completion of course.

LIBRARY SCIENCE 312—Information Resources in the Humanities. (1-0-1).

Extensive study of basic and advanced reference materials and search techniques in the Humanities.

LIBRARY SCIENCE 313—Information Resources in the Social Sciences. (1-0-1).

Extensive study of basic and advanced reference materials and search techniques in the Social Sciences.

LIBRARY SCIENCE 314—Information Resources in the Sciences. (1-0-1).

Extensive study of basic and advanced reference materials and search techniques in the Sciences.

*LIBRARY SCIENCE 320—Cataloging and Classification of School Library Materials. (5-0-5).

Introduction to the basic principles of cataloging and classification of books and audiovisual materials through the use of Dewey and Library of Congress classification. The card catalog, shelf list, physical procession, and procedure for ordering and using printed cards will be studied.

*LIBRARY SCIENCE 410—Materials Selection. (5-0-5). Offered on Demand.

Selection and evaluation of books and non-book materials; emphasis on those which meet curriculum needs and interest, and which represent various levels of difficulty; ways of stimulating their use. Attention will be given to selection aids and reading guidance.

*LIBRARY SCIENCE 420—School Library Administration and Organization. (5-0-5). Offered on Demand.

Basic organization of books, non-book materials, and services for effective use in school libraries. Administering the budget, purchase of materials, personnel, circulation, inventory, weeding, and instruction in the use of library materials will be considered. Examination of the improvement of instruction by correlating library use with school curricula.

*This course partially satisfies the certification requirement for the Associate Library Media Specialist (Georgia State Department of Education).

SPEECH CORRECTION

SPECIAL EDUCATION 205—Introduction to Exceptional Children (5-0-5). Spring.

A study of the different kinds of exceptional children with emphasis on etiological factors, educational implications, and rehabilitation requirements. Primary consideration will be given to general discussions of mental retardation, emotional and social disturbances, visual and hearing impairments, physical handicaps, and speech and language disorders. Observations.

SPECIAL EDUCATION 225—Phonetics for Speech Correctionists. (2-6-5). Spring.

Deals with the use of the International Phonetic Alphabet (IPA) in speech correction, IPA transcription of normal and defective articulation and the important characteristics of regional dialects are stressed.

SPECIAL EDUCATION 230—Anatomy and Physiology of the Speech and Hearing Mechanism. (5-0-5). Fall.

Anatomy and physiology of the head, neck, and thorax from a speech and hearing standpoint. Special emphasis is placed on functional considerations of the respiratory system, larynx, oral and nasal structures, and ear.

SPECIAL EDUCATION 315—Normal Speech and Language Development. (5-0-5). Winter.

The study of normal language development with emphasis on oral language. This course traces developmental scales of speech and language

growth across various age levels and includes the relationship between speech and language. Observations.

SPECIAL EDUCATION 320—Psychology of Speech. (5-0-5). Spring.

Basic principles of psychology as they apply to speech, with emphasis on learning, motivation, emotions, intelligence, personality, social relations, and psychological effects of speech disorders. Observations.

SPECIAL EDUCATION 335—Speech Science. (3-4-5). Fall.

Speech communication from a psychophysical standpoint. Study focuses on acoustics, physics of speech, transmission media, and physical analysis of speech.

SPECIAL EDUCATION 410—Group Processes and Program Administration. (3-4-5). Spring.

Administration of public school speech correction programs and methods of public school speech correction as related to working with children in groups. Characteristics of task oriented small group behavior and interaction are studied. Supervised clinical practice.

SPECIAL EDUCATION 411—Stuttering. (5-0-5). Fall. Prerequisite: Permission of Instructor.

An introduction to the problem of stuttering, its possible causes and the management and training of cases. Observations.

SPECIAL EDUCATION 412—Language Disorders. (5-0-5). Winter. Prerequisite: Permission of Instructor.

An introduction to language disorders of children and adults. Etiologies, evaluation procedures, and therapeutic approaches are studied. Major emphasis will be given to delayed language development and aphasia. Observations.

SPECIAL EDUCATION 413—Organically Based Communication Problems. (5-0-5). Winter. Prerequisite: Permission of Instructor.

The course includes a study of the communication problems related to disorders of voice, cleft palate, and cerebral palsy. Observations.

SPECIAL EDUCATION 415—Articulation Disorders. (2-6-5). Winter. Prerequisite: Special Education 325.

A study of the etiology, rationale, evaluation, and methods of therapy for disorders of articulation. The course includes the development of a therapeutic program, lesson plans, and supervised clinical practice.

SPECIAL EDUCATION 420—Introduction to Audiology. (2-6-5). Fall.

An introduction to the methods of hearing assessment through pure tone and speech audiometry, with a focus on rehabilitation of the hearing impaired. Supervised clinical practice.

SPECIAL EDUCATION 422—Manual Language for the Deaf. (4-2-5). Offered on Demand.

A study of the practices, procedures and methods in teaching manual language to the deaf, with a review of the historical philosophies and current trends and literature. At the conclusion of the course the student will have a working ability to communicate with a manual deaf individual as well as the ability to teach young deaf children the process of manual language.

ENGLISH

(See listing under Department of Languages and Literature).

ENTOMOLOGY

(See listing under Department of Biology).

DEPARTMENT OF FINE ARTS

Professor Harry Perse, Head; Associate Professor Trautwein; Assistant Professors Brandon, McKinnell and Nadalich; Instructors Ambrose and Radebaugh.

Degree Programs in Music

The Department of Fine Arts offers the Bachelor of Arts degree with a major in music and the Bachelor of Music Education degree. The Bachelor of Music Education Degree is given in cooperation with Savannah State College. The course descriptions indicate which Savannah State College courses may substitute for equivalent courses at Armstrong State College.

Admission Requirements

Since the college-level study of music presupposes a considerable background in music, as well as an aptitude for it, an audition is required for admission to the program. The audition will be used to determine the student's level of proficiency in his instrument and his potential for success in the program.

DEGREE REQUIREMENTS

In addition to the academic core requirements, candidates for the Bachelor of Arts degree with a major in music and the Bachelor of Music Education Degree will complete the following music core courses:

	Quarter Hours
Elementary Music Theory 111, 112, 113	9
Intermediate Music Theory 211, 212, 213	9
Music Ensemble 251, 252, or 254	6
Applied Music 141, 142, 143	6
241, 242, 243	6
Music History 371, 372, 373	9
Music Theory 312	3
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	TOTAL 48

Additional Requirements for the Bachelor of Arts Degree:

	Quarter Hours
Music electives.	15
Applied Music 341, 342, 343	6
441, 442, 443	6
Foreign Language 101, 102, 103.	15
Art History 290, 291	10
Academic Electives	25
Physical Education	6
	<u>TOTAL 83</u>

Additional Requirements for the Bachelor of Music Education Degree:

	Quarter Hours
Music Methods 221, 222, 223, 225	9
Conducting Clinic 325, 326, 327	3
Conducting 281	3
Applied Music.	6
Music 350, 351	7
Music 352, 353	4
Music 361	3
Education 203, 330, 446, 447, 448	25
English 228	5
Psychology 301	5
Electives	8
	<u>TOTAL 78</u>

Additional requirements for music majors in the Bachelor of Arts and the Bachelor of Music Education Degree programs:

1. Meet a recital attendance requirement as directed by the faculty.
2. Enroll for applied music each quarter until the applied music requirement has been met (except when student teaching).

The quarterly applied music grade will be determined in part by a jury examination before a committee of the music faculty.

3. Participate in a large ensemble of the college each quarter of attendance (except when student teaching). Voice students should enroll for chorus and band instrument students for concert band.
4. Participate in student recitals as directed by the applied music instructor. A student must perform on a quarterly student recital at least once per year.
5. Attain minimum keyboard proficiency (the ability to play simple hymns, standard cadences and simple piano pieces). A piano proficiency examination will be given annually during the Spring Quarter to all students whose principal instrument is not keyboard. Students failing to meet this requirement should enroll for Class Piano until the requirement has been met.

- Achieve a minimum level of proficiency in the student's principal instrument. Proficiency examinations will be administered at jury examinations during the student's last quarter of instruction. Upon recommendation of the applied music instructor a twenty-five or fifty minute recital may be substituted for the proficiency examination.

In the Bachelor of Arts degree program a minimum of eighteen hours of applied music will be in the principal instrument. In the Bachelor of Music Education degree program a minimum of twelve hours of applied music will be in the principal instrument.

Course Offerings

ART

ART 101—Basic Design and Drawing. (3-4-5). Alternate years.

An introduction to compositional design in monochrome. Emphasis on drawing from observation using a variety of media and approaches.

ART 102—Basic Design and Drawing. (3-4-5). Alternate years.

An introduction to the use of color in the solution of design problems.

ART 103—Basic Design and Drawing. (3-4-5). Alternate years.

An introduction to drawing the human figure. Includes basic anatomy for the artist, the study of master drawings of the human figure, and drawing directly from live models.

ART 200—Introduction to the Visual Arts. (5-0-5). Fall, Winter.

The study of theories of art and their application in masterworks of art from all ages, directed toward increasing the understanding and enjoyment of art for the non-art major. Not recommended for students who have credit for Art 291.

ART 201—Drawing and Painting. (0-6-3). Alternate years.

An introduction to painting in oils from various observed subjects and from sketches.

ART 202—Drawing and Painting. (0-6-3). Alternate years.

A continuation of Art 201.

ART 203—Drawing and Painting. (0-6-3). Alternate years.

An introduction to watercolor painting in the studio and from nature.

ART 290—History of Art. (5-0-5). Offered on Demand.

A survey of world art from ancient times through the Baroque.

ART 291—History of Art. (5-0-5). Offered on Demand.

A survey of world art from the end of the seventeenth century to the present. Not recommended for students who have credit for Art 200.

ART 301—Painting I. (0-10-5). Offered on Demand. Prerequisites: Art 101, 201, 290, and 291.

Techniques with opaque media directed toward figurative images. Pictorial composition. Includes study of selected master painters regarding their technical means and aesthetic accomplishments.

ART 302—Painting II. (0-10-5). Offered on Demand. Prerequisite: Art 301.

A continuation of Art 301. Includes non-figurative and abstract images.

ART 320—Art for the Elementary Teacher. (4-2-5). Winter, Summer.

A study of materials and methods for teaching art at the elementary school level.

ART 330—Ceramics I. (0-10-5). Offered on Demand. Prerequisites: Art 103, 202.

Fundamentals of function, form, and ornamentation of hand-formed pottery. Techniques of pinch, coil and slab construction. Includes the study of selected master potters (individuals and cultural traditions) to understand better the technical approaches and aesthetic standards of pottery making.

ART 331—Ceramics II. (0-10-5). Offered on Demand. Prerequisite: Art 330.

Introduction to the use of the potter's wheel. Continuation of decorative processes and finishes. An introduction to the chemistry and arithmetic of glazes.

Course Offerings

MUSIC

MUSIC 100—Rudiments of Music. (5-0-5). Offered on demand.

An introduction to the principles of music reading with applications to the keyboard, guitar and simple wind instruments. May not be used for credit toward a degree in music.

MUSIC 111—Elementary Theory. (3-2-3). Fall.

An introduction to the basic theoretical principles of music including sight-singing, ear-training and keyboard harmony.

MUSIC 112—Elementary Theory. (3-2-3). Winter.

A continuation of Music 111 with emphasis on part-writing and diatonic material.

MUSIC 113—Elementary Theory. (3-2-3). Spring.

A continuation of Music 112 introducing seventh chords and diatonic modulation.

MUSIC 200—Introduction to Music Literature. (5-0-5). Fall, Spring.

A course designed to help the student understand music by means of analysis of style, forms, and media of musical expression.

MUSIC 210—Honors Introduction to Music Literature (5-0-5). Winter and Summer. Prerequisites: Music major status or permission of the instructor.

A course designed for the student with a practical musical background or previous listening experience. Emphasis will be on the development of perception of style and form through listening. May be used as a substitute for Music 200 in the Core Curriculum.

MUSIC 211—Intermediate Theory. (3-2-3). Fall. Prerequisite: Music 113.

A continuation of Music 113 with emphasis on chromatic harmony.

MUSIC 212—Intermediate Theory. (3-2-3). Winter.

A continuation of Music 211.

MUSIC 213—Intermediate Theory. (3-2-3). Spring.

A continuation of Music 212 with emphasis on twentieth century techniques.

MUSIC 221—Brass and Percussion Instrument Methods. (0-4-3). Alternate years.

An introduction to the principles of brass and percussion instrument performance and pedagogy.

MUSIC 222—Woodwind Instrument Methods. (0-3-2). Alternate years.

An introduction to the principles of woodwind instrument performance and pedagogy.

MUSIC 223—String Instrument Methods. (0-3-2). Alternate years.

An introduction to the principles of string instrument performance and pedagogy.

MUSIC 225—Voice Methods. (0-3-2). Alternate years.

An introduction to the principles of voice production with emphasis on pedagogical applications.

MUSIC 226—Piano Class. (0-2-1). Offered on Demand.

A study of keyboard techniques with emphasis on the skills needed to fulfill the piano proficiency requirement.

MUSIC 227—Voice Class. (0-2-1). Offered on Demand.

A study of voice production techniques with practical application to standard song literature. Not open to students whose principal instrument is voice.

MUSIC 228-229—Diction in Singing. (2-0-2) (2-0-2).

A study of phonetics and pronunciation of Italian, German, French, and English as applied to singing.

MUSIC 251—Concert Band. (0-5-2).

Open to qualified students.

MUSIC 252—Stage Band. (0-2-1).

Open to qualified students.

MUSIC 254—Chorus. (0-3-1).

Open to qualified students.

(A student is limited to six hours of ensemble credit).

MUSIC 255—Chamber Ensemble. (0-2-1). On Demand.

Open to all qualified students in the performing media of brass, woodwind, string, keyboard, voice, and percussion instruments.

MUSIC 281—Conducting. (3-0-3). Alternate years. Prerequisite: Music 113.

An introduction to the techniques of conducting and interpretation. Equivalent substitute at Savannah State College: Music 407.

*MUSIC 312—Form and Analysis. (3-0-3). Prerequisite: Music 213.

The study of the principles of form in music and techniques of harmonic analysis. Equivalent substitute at Savannah State College: Music 311.

MUSIC 320—Music for the Elementary Teacher. (5-0-5). Winter, Summer.

An introduction to music skills and materials for the elementary classroom teacher. Not open to music majors.

MUSIC 325—Choral Clinic. (0-1-1). Prerequisites: Music 213, 225, and 281.

A laboratory course to provide music students with experience in choral conducting.

MUSIC 326—Band Clinic. (0-1-1). Prerequisites: Music 213, 221, 222, and 281.

A laboratory course to provide music students with experience in instrumental conducting.

MUSIC 327—Orchestra Clinic. (0-1-1). Prerequisites: Music 213, 223, and 281.

A laboratory course to provide students with experience in ensemble conducting.

MUSIC 350—Music in the Lower School. (3-0-3). Fall.

A course for music majors emphasizing analysis and evaluation of techniques and materials for teaching music in the lower school. Equivalent substitute at Savannah State College: Music 301.

MUSIC 351—Music in the Middle and Upper School. (4-0-4). Spring.

A course for music majors emphasizing analysis and evaluation of techniques and materials for teaching music in the junior and senior high schools. Equivalent substitute at Savannah State College: Music 308.

MUSIC 352—Band Methods. (2-0-2). Offered on Demand.

A course dealing with the organization, maintenance and development of school instrumental ensembles.

MUSIC 353—Choral Methods. (2-0-2). Offered on Demand.

A course dealing with the organization and development of school choral ensembles.

MUSIC 361—Orchestration and Arranging. (3-0-3). Offered on Demand. Prerequisite: Music 213.

An introduction to the techniques of arranging and scoring for vocal and instrumental ensembles. Equivalent substitute at Savannah State College: Music 307.

*MUSIC 371—Music History. (3-0-3). Prerequisite: One year of music theory or permission of the instructor.

The history of music in Western Civilization from its origins through the Renaissance. Equivalent substitute at Savannah State College: Music 314.

*MUSIC 372—Music History. (3-0-3). Prerequisite: One year of music theory, or permission of the instructor.

The history of music in Western Civilization in the Baroque and Classic periods. Equivalent substitute at Savannah State College: Music 315.

*MUSIC 373—Music History. (3-0-3). Prerequisite: Music 213 or permission of the instructor.

The history of music in Western Civilization in the Romantic Period and in the 20th century. Equivalent substitute at Savannah State College: Music 316.

MUSIC 411—Composition. (1 to 5 hours). Offered on Demand. Prerequisites: Music 213, 312.

MUSIC 412—Counterpoint. (3-0-3). Offered on Demand. Prerequisite: Music 213.

A study of contrapuntal practices of the Renaissance, Baroque and 20th century music.

MUSIC 417—Repertoire and Pedagogical Techniques of Brass Instruments. (2-0-2). Prerequisite: Junior status or permission of the instructor.

A survey of the literature and teaching techniques of the brass instruments.

MUSIC 418—Repertoire and Pedagogical Techniques of Woodwind Instruments. (2-0-2). Prerequisite: Junior status or permission of the instructor.

A survey of the literature and teaching techniques of the woodwind instruments.

MUSIC 419—Repertoire and Pedagogical Techniques of Percussion Instruments. (2-0-2). Prerequisite: Junior status or permission of the instructor.

A survey of the literature and teaching techniques of the percussion instruments.

MUSIC 420-421—Piano Literature. (2-0-2 each course).

A survey of literature for the piano.

MUSIC 422—Opera Literature. (5-0-5). Offered on Demand. Prerequisites: Music 371, 372, 272 or permission of the instructor.

A study of operatic masterpieces from the origins of the form to the present.

MUSIC 425, 426, 427—Symphonic Literature. (5-0-5 each quarter.) Prerequisite: Junior status or permission of the instructor.

A survey of literature for the symphony orchestra from the Baroque period to contemporary times.

MUSIC 481—Advanced Conducting Techniques. (3-0-3). On Demand. Prerequisite: Music 281.

Advanced techniques for the choral and orchestral conductor.

MUSIC 490—Directed Individual Study. (1 to 5 credits). Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

*Offered only at Savannah State College during 1975-1976.

Applied Music Courses

To receive credit towards satisfaction of the applied music requirement in the music program a student should have met the entrance requirements for proficiency in his principal instrument.

Music 131, 132, 133; 231, 232, 233; 331, 332, 333; 431, 432, 433—Applied Music. One twenty-five minute private lesson per week. One hour credit per quarter.

Music 141, 142, 143; 241, 242, 243; 341, 342, 343; 441, 442, 443—Applied Music. One fifty minute lesson per week. Two hours credit per quarter.

Applied Music Fees

Applied music courses consist of one or two twenty-five minute private lessons per week. A special fee of \$31.00 for one twenty-five minute lesson or \$62.00 for two lessons is charged quarterly to students not admitted to a music degree program, to music majors not enrolled for ten or more quarter hours of credit, and to music majors enrolled for more than one applied course. This fee is refundable only when the student has not met his first lesson.

FRENCH

(See listing under Department of languages and Literature.)

GEOGRAPHY

(See listing under Department of History and Political Science.)

GEOLOGY

(See listing under Department of Chemistry and Physics.)

GERMAN

(See listing under Department of Languages and Literature.)

HEALTH

(See listing under Department of Physical Education.)

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

Professor Roger K. Warlick, Head; Professors Beecher, Coyle, and Lanier; Associate Professors Clark, Duncan, Gross, McCarthy, Patterson, and Newman; Assistant Professors Arens, Boney, Comaskey, and Rhee.

All students are reminded that any who receive degrees from the University System of Georgia are required to demonstrate proficiency in U.S. and Georgia History and Constitutions. This requirement may be met by the successful completion of Political Science 113 and History 251 or 252 or may be exempted by examination with credit awarded. See "Academic Regulations" and "Degree Programs" sections.

A major in Political Science or History is most useful to those who plan to enter teaching, library or archival work, publishing, journalism, or such professional fields as international business, law or theology. Either major is also a desirable foundation for opportunities in or related to government (e.g., civil and foreign service, A.I.D., U.S.I.A., ACTION, teaching abroad, etc.). Beyond these fields there is an enormous variety of organizations (local, national, and international) whose philanthropic, sectarian, or economic interests require people with the skills and sensitivity developed by a major in History or Political Science.

DEGREE REQUIREMENTS

The Major in History

Students majoring in History should satisfy the college core requirements for the Bachelor of Arts degree during the Freshman and Sophomore years. To complete the major requires, beyond Western Civilization (History 114-115) and U.S. History (History 251-252), forty quarter hours from courses numbered 300 or above (with grades of "C" or better) including History 300. Students should register for History 300 in the Sophomore or early in the Junior year, or in the first possible quarter after making the decision to major in History. The major program must also include (a) 25 quarter hours in related fields such as: Anthropology, History of Art and Music, Economics, Literature, Political Science, Philosophy, or Sociology; and (b) proficiency in a foreign language through the 103-level. Students who contemplate graduate work in History, however, are strongly advised to continue their linguistic study beyond this elementary level.

In selecting coursework, a student may emphasize the history of one particular area or cultural tradition, but may not present a major exclusively in only one of these areas.

The Major in Political Science

Students majoring in Political Science should satisfy the college core requirements for the Bachelor of Arts during their Freshman and Sophomore years. To complete a Political Science major requires, beyond American Government (113), forty quarter hours of upper division courses in the field (with grades of "C" or better). Further, the program must include at least one course from each of the following groups:

- I. American Political Institutions
(300, 304, 305, 317, 403, 411, 414, 418)
- II. International Relations (320, 325, 326, 329)
- III. Political Theory (331, 332, 333)
- IV. Comparative Government (348, 349)

The major's program must also include Mathematics 220, and at least 25 hours of coursework in such fields as Economics, History, Geography, Mathematics, Computer Science, Philosophy, Psychology, or Sociology.

In addition, there is a language requirement which may be met either by foreign language credit through the 103-level (French or German preferred), or by completing Computer Science 110, 231, 232. Students who contemplate graduate work in Political Science, however, are strongly advised to continue their linguistic study beyond this elementary level.

PUBLIC ADMINISTRATION may be a subject Political Science majors would like to emphasize. Interested students should consult with Political Science faculty or the Department Head to design such a program. The following courses are especially appropriate to such a design:

POS 304, 403, 418 and POS 395.

C.S. 110, 231, 232 (in lieu of foreign language)

ECON. 201, BA. 360, and S.W. 320, SOC 360 or SOC 365 (SSC)

In addition, the PUBLIC ADMINISTRATION emphasis would involve specialized hours such as:

BA 211, 212, 375 and Econ. 335, 375 or Computer Science 301, 302, 306, 320, 431, 432.

*Program for Secondary School Teachers of Social Science
(History or Political Science)*

Quarter Hours

I. History Concentration	
A. General Requirements	80
1. English 121, 122, 221	15
2. One Foreign Language	15
3. Art 200, 290, 291, Music 200, English 222, or Philosophy 201	5
4. History 114, 115*	10
5. History 251* or 252*	5
6. Political Science 113* and Psychology 101	10
7. Freshman Mathematics (including Mathematics 220)	10
8. One of the following two-course sequences:	10
Biology 101, 102	
Chemistry 121, 122	
Chemistry 128, 129	
Physics 211, 212	
Physics 217, 218	
Physical Science 121, 122	
B. Additional Courses in History (all must be upper division)	35

History 300	5
U.S. History	10
European History	10
Non-Western History	10

C. Supporting work to be selected from at least two of the following fields:	40
1. Political Science	20
Political Science 200	5
U.S. Government (300 level)	5
Political Science Electives (300 level)	10
2. Economics	20
Economics 201, 202	10
Advanced Economics electives	10
3. Behavioral Sciences	20
Sociology 350	5
Psychology 410	5
Advanced electives in Psychology or Sociology	10
D. Physical Education	6
Physical Education 103, 117	3
Three elective courses	3
E. Professional Sequence	35
Education 203, 330, 440, 446, 447, 448	30
Psychology 301	5

TOTAL196

Quarter Hours

II. Political Science Concentration	
A. General Requirements	80
1. English 121, 122, 221	15
2. One Foreign Language	15
3. Art 200, 290, 291, Music 200, English 222, or Philosophy 201	5
4. History 114, 115*	10
5. History 251* or 252*	5
6. Political Science 113* and Psychology 101	10
7. Freshman Mathematics (including Mathematics 220)	10

8. One of the following two-course sequences:	10
Biology 101, 102	
Chemistry 121, 122	
Chemistry 128, 129	
Physics 211, 212	
Physics 217, 218	
Physical Science 121, 122	
 B. Additional courses in Political Science (all must be upper division)	35
At least 5 Q.H. must be taken from each area.	
1. Public Administration (300's)	
2. U.S. Government (310's)	
3. International Affairs (320's)	
4. Political Theory (330's)	
5. Comparative Government (340's)	
 C. Supporting work to be selected from at least two of the following fields:	40
1. History	20
History 251* or 252*	5
U.S. History (300 level)	5
Advanced History Electives	10
2. Economics	20
Economics 201, 202	10
Advanced Economics Electives	10
3. Behavioral Sciences	20
Sociology 350	5
Psychology 410	5
Advanced Electives in Psychology or Sociology	10
 D. Physical Education	6
Physical Education 103, 117	3
Three elective courses	3
 E. Professional Sequence	35
Education 203, 330, 440, 446, 447, 448	30
Psychology 301	5
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	TOTAL196

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

HISTORY

HISTORY 114—History of Western Civilization. (5-0-5). Offered each quarter.

A chronological survey of the main currents of political, social, religious, and intellectual activity in western civilization from the time of the ancient Mediterranean civilization to 1715.

HISTORY 115—History of Western Civilization. (5-0-5). Offered each quarter.

A continuation of History 114 to the present.

HISTORY 191—Honors Civilization I. (5-0-5). Fall.

This course replaces History 114 for selected students. While the subject matter will be the same as for History 114, the treatment of it will vary greatly. Likewise, instruction will go beyond the usual lecture method, allowing students to read widely and carry out their own research under the direction of the professor.

HISTORY 192—Honors Civilization II. (5-0-5). Winter. Prerequisite: History 191 or a grade of "A" in History 114.

A continuation of History 191, this course replaces History 115.

HISTORY 251—American History to 1865. (5-0-5). Offered each quarter.

A survey of the political, economic, and social history of the United States to the end of the Civil War.

HISTORY 252—American History Since 1865. (5-0-5). Offered each quarter.

A survey of the political, economic, and social history of the United States from 1865 to the present.

HISTORY 300—Historical Method. (3-0-5). Fall. Required of all History majors.

An introduction to the nature and method of historical research, treating problems of investigation, organization, and writing through discussion and actual research experience in local history.

HISTORY 320—The Civilization of China and the Far East, Part I. (5-0-5). Fall.

The history of East Asia civilization from ancient times through the eighteenth century, with emphasis on characteristic political, economic, and social developments.

HISTORY 321—The Civilization of China and the Far East, Part II. (5-0-5). Winter.

The history of East Asian nations from the nineteenth century to the present, with emphasis on political, social, economic, and intellectual developments.

HISTORY 322—History of Japan. (5-0-5). Spring.

A survey of the history of Japan, with major emphasis placed upon the development of Japan since 1600.

HISTORY 323—History of India and South Asia. (5-0-5). Winter.

A survey of the civilization of South Asia, with principal attention given to India and Pakistan since 1600.

HISTORY 329—Medieval Russia (5-0-5). Fall.

A survey of the economic, social, and political development of the Russian state from its foundation in the 9th century through its modernization by Peter the Great in the early 18th century.

HISTORY 330—Modern Russia. (5-0-5). Winter.

A survey of Russian history from Peter the Great to the present. The major political, cultural, economic, and social developments of Russia in both the Imperial and Soviet periods will be covered.

HISTORY 333—Modern Germany; 1789-1933. (5-0-5). Offered on Demand.

A study of Germany from the pluralism of the Holy Roman Empire through the German confederation to the unified Reich. Attention will be given to political, social, and cultural developments in Austria, Prussia, and the "Third Germany."

HISTORY 340—English History, 1660-1815. (5-0-5). Winter. Alternate Years.

An investigation of the Restoration monarchies, the constitutional revolution of 1688, the rise of ministerial responsibility in the early 18th century, the American colonial revolt, and England's relationship to the French Revolution.

HISTORY 341—English History 1485-1660. (5-0-5). Fall. Alternate Years.

An analysis of political, constitutional, economic, and religious issues under the Tudors and early Stuarts, including the English Civil War.

HISTORY 342—Ancient History. (5-0-5). Offered on Demand.

A study of the early civilizations of the Middle East, the Greek city states, the Roman republic and empire, with special emphasis on the social, political and cultural contributions of these ancient peoples.

HISTORY 343—Early Middle Ages, A.D. 333 - c.1000. (5-0-5). Winter.

The history of Europe from the fall of the Roman Empire through the Carolingian period with special emphasis on the institutional developments which led to the emergence of stable kingdoms out of the chaos of the barbarian invasions.

HISTORY 344—The High Middle Ages, c.1000 to c.1300. (5-0-5). Spring.

The history of Europe from c.1000 to c.1300 with emphasis on the struggle between church and state, the Crusade movement, and the 12th century intellectual renaissance, all of which profoundly influenced the development of the various medieval kingdoms.

HISTORY 345—The Late Middle Ages and Renaissance. (5-0-5). Spring. Alternate Years.

The history of Europe from c.1300 to 1517 with emphasis on the political, cultural, and intellectual developments which transformed medieval and Renaissance society.

HISTORY 346—Reformation Era. (5-0-5). Winter. Alternate Years.

A study of the controversial era emphasizing its major issues and movements, and their development through the Thirty Years War. Political, social, and economic, as well as religious facets of the upheaval will be considered.

HISTORY 347—The French Revolution and Napoleon. (5-0-5). Fall.

The ideas and events of the Old Regime and the Enlightenment in France, with emphasis on the impact of the French Revolution and the career of Napoleon upon the major European nations.

HISTORY 348—The History of Europe from 1815 to 1900. (5-0-5). Winter.

A study of the most important social, political, and intellectual directions of European history from the Congress of Vienna to the end of the nineteenth century.

HISTORY 349—Absolutism and The Enlightenment. (5-0-5). Winter. Alternate Years.

The primary focus of this course is the social and intellectual history of western Europe during the seventeenth and eighteenth centuries.

HISTORY 350—Europe in the Twentieth Century. (5-0-5). Spring.

A study of the major developments in Europe since 1900, with emphasis upon the origins and impact of the First and Second World Wars.

HISTORY 351—Social and Intellectual History of the United States to 1865. (5-0-5). Fall. Alternate Years. Prerequisite: History 251.

An examination of political theory, social development, and the principal trends in American thought to 1865.

HISTORY 354—Social and Intellectual History of the United States since 1865. (5-0-5). Fall. Alternate Years. Prerequisite: History 252.

A continuation of History 351 to the present.

HISTORY 356—American Constitutional History. (5-0-5). Fall.

A study of the origins, content, and expansion of the Constitution of the United States.

HISTORY 365—The American Indian. (5-0-5). Spring. Alternate Years.

A study of the history and cultures of the aborigines of the Americas.

HISTORY 367—American Urban History. (5-0-5). Spring.

A study of the process of urbanization in America from colonial times to the present, with attention to the causes of urban expansion, institutional development, class structure and mobility, problems of the city, reform, the image of the city in popular thought, and the impact of urbanization on national life.

HISTORY 371—Colonial and Revolutionary America. (5-0-5). Spring. Alternate Years.

A study of the discoveries of the New World and the settlement and growth of the English colonies of North America, the American triumph over France in the New World, the drastic change in British colonial policy and the rise of American opposition to it, the achievement of independence and the establishment of the United States under the Constitution.

HISTORY 373—The Middle Period of American History. (5-0-5). Spring. Alternate Years.

The political, economic, and cultural development of the Republic from 1820 to the decade of the 1850's, with particular attention to Jacksonian Democracy, slavery and abolitionism, and the impact of westward expansion.

HISTORY 375—Civil War and Reconstruction. (5-0-5). Winter.

The causes and significance of the American Civil War, with minor consideration of the military campaign; political, economic and social aspects of Reconstruction.

HISTORY 376—Foundations of Modern America. (5-0-5). Winter. Alternate Years.

An analysis of institutions and forces which molded American life in the late 19th and early 20th centuries, including politics, economics, society, and thought.

HISTORY 378—Recent American History. (5-0-5). Spring. Alternate Years.

The course covers twentieth century American History, with emphasis on political, economic, and social issues.

HISTORY 395-396-397—Internship. (Credit variable, 5-15 hours). Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

Open to students acceptable by the Georgia Intern Program. The student will pursue an individually designed course project involving off-campus study and research in a government or private agency for which he will receive a stipend. Projects are normally designed to require the full eleven week quarter for completion, during which time the student will be under the joint supervision of the sponsoring agency and his faculty advisor. Credit arrangements must be made through the department.

HISTORY 400—Seminar in American History. (5-0-5). Permission of instructor required for admission.

Designed to permit a group of advanced students to pursue intensive research on a special topic in the field to be defined by the instructor.

HISTORY 410—Seminar in European History. (5-0-5). Permission of instructor required for admission.

A detailed analysis of a specific problem in European history by examination of primary materials.

HISTORY 431—The Russian Revolution. (5-0-5). Spring. Alternate years. Prerequisite: Permission of the instructor.

An examination of the Russian revolutionary tradition, the causes for the collapse of Tsarism, the Bolshevik Revolution, and victory in the Russian Civil War.

HISTORY 454—Studies in American Diplomacy I. (5-0-5). Fall. Prerequisite: History 251, or equivalent.

Considers American objectives and policies in foreign affairs from colonial times to 1890.

HISTORY 455—Studies in American Diplomacy II. (5-0-5). Winter. Prerequisite: History 252, or equivalent.

A continuation of History 454 to the present.

HISTORY 490-491-492—Independent Study. (1-5)-0-(1-5). Offered each quarter.

Admission by approval of instructor and the Head of the Department. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

Designed to permit superior students to pursue individual research and reading in some field of history under the supervision of a member of the staff. Emphasis will be on wide reading, conferences with the advisor, and written reports and essays. Normally open only to seniors with a B average in History and in their overall work.

HISTORY 495—European Historiography. (5-0-5). Fall. Alternate Years.

A study of the writers of history in the Western cultural tradition, with an emphasis on the historical philosophies, interpretations, and problems raised by the major modern European historians. Recommended especially to students contemplating graduate work in History.

HISTORY 496—American Historiography. (5-0-5). Spring. Alternate Years.

A study of the writing of American history from colonial times to the present with emphasis on the historical philosophies and interpretations of the major schools of thought as well as individual historians. Recommended especially to students contemplating graduate work in History.

GEOGRAPHY

GEOGRAPHY 111—World Human Geography. (5-0-5).

A survey of world human geography, emphasizing population characteristics, topographic features, distribution of economic activities and geopolitical problems within the major geographical regions. Consideration of adequacy of resources to support expanding world populations.

POLITICAL SCIENCE

POLITICAL SCIENCE 113—Government of the United States. (5-0-5). Offered each quarter.

A study of the structure, theory, and functions of the national government in the United States and some of the major problems of the state and local government.

POLITICAL SCIENCE 200—Introduction to Political Science. (5-0-5). Winter.

This course deals with the area of political science as a discipline and serves as an introduction to the systematic study of modern government. Attention is given to the role of politics in society; the nature and origins of the state; the nature and development of political institutions; the basis of political action; and the theories, forms, and processes of government.

POLITICAL SCIENCE 300—Political Behavior. (5-0-5). Fall.
Prerequisites: Political Science 113 and Mathematics 220 or equivalent.

This course emphasizes the economic, psychological, and social aspects of political behavior. It examines the concepts of power, roles, groups, elites, decision-making, political communications, and systems analysis. Consideration is also given to the basic theories, variables, and hypotheses used in empirical research in political science. Designed primarily for those students intending to go to graduate school.

POLITICAL SCIENCE 304—Public Administration. (5-0-5). Spring.
Prerequisite: Political Science 113 or equivalent.

This is a one-quarter course that is primarily concerned with organizational theory and bureaucratic behavior, whether public or private, but with an emphasis on the behavior of the bureaucracy of the national government. Attention will also be given the political process as it unfolds in the administration of laws enacted by the Congress.

POLITICAL SCIENCE 305—State and Local Government. (5-0-5). Winter.
Prerequisite: Political Science 113 or equivalent.

This course is concerned primarily with the political process and the behavior of political actors at the local and state levels of government in the United States. It is concerned with the techniques and research results of the relevant empirical literature that has evolved over the past 15 years in the field; i.e., local community studies of Floyd Hunter, Robert A. Dahl, and others.

POLITICAL SCIENCE 317—Constitutional Law. (5-0-5). Spring.
Prerequisite: Political Science 113 or equivalent.

A study of the development of the United States government through judicial interpretation of the Constitution. The case study method of analysis is used, but some attention is given also to recent behavioral writing on judicial decision-making.

POLITICAL SCIENCE 320—International Relations: The Far East. (5-0-5). Spring.

POLITICAL SCIENCE 325—International Organization. (5-0-5). Fall.
Prerequisite: Political Science 113 or permission of instructor.

A survey of the development, principles, structures and functions of international organizations, with emphasis upon the role of these institutions in the maintenance of peace.

POLITICAL SCIENCE 326—International Law. (5-0-5). Spring.
Prerequisite: Political Science 113 or permission of instructor.

An introduction to selected public international law topics including: recognition, state succession, jurisdiction, extradition, nationality, the law of treaties, the law of diplomacy, and the law of war.

POLITICAL SCIENCE 329—International Relations. (5-0-5). Winter.
Prerequisite: Political Science 113 or permission of instructor.

An introduction to the theories, forces, and practices dominating contemporary international relations.

POLITICAL SCIENCE 331—Political Theory I. (5-0-5). Fall.

An historical study of the development of ideas relative to the state and government from Socrates and Plato to the Seventeenth Century. Attention

is directed primarily to the political thought of a selected group of eminent philosophers.

POLITICAL SCIENCE 332—Political Theory II. (5-0-5). Winter. Prerequisite: Political Science 331 or permission of instructor.

A continuation of Political Science 331, from the 17th to the 20th century.

POLITICAL SCIENCE 333—Contemporary Political Ideologies. (5-0-5). Spring. Prerequisite: Political Science 332 or permission of instructor.

A continuation of Political Science 332, including a general survey and analysis of the important ideological currents of our time with selected in-depth readings from original sources.

POLITICAL SCIENCE 348—Comparative Government: Western Europe. (5-0-5). Fall. Prerequisite: Political Science 113 or equivalent.

An analytical and comparative study of the major Western European governments, with principal emphasis upon the analysis of the conditions which led to effective and stable parliamentary government and those which lead to the inefficiency, instability and breakdown of such systems.

POLITICAL SCIENCE 349—Comparative Government: Soviet Union. (5-0-5). Winter. Prerequisite: Political Science 113 or equivalent.

An analytical and comparative study of the political system of the U.S.S.R. and the Soviet bloc of nations in Eastern Europe.

POLITICAL SCIENCE 395-396-397—Internship. (credit variable, 5-15 hours).

Open to students acceptable by the Georgia Intern Program. The student will pursue an individually designed course project involving off-campus study and research in a government or private agency for which he will receive a stipend. Projects are normally designed to require the full eleven week quarter for completion, during which time the student will be under joint supervision by the sponsoring agency and his faculty advisor. Credit arrangements must be made through the department. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

POLITICAL SCIENCE 400—Senior Seminar. (5-0-5). Admission will be subject to approval of the instructor.

Designed to permit superior students to pursue research and reading in some field of political science under the supervision of the staff.

POLITICAL SCIENCE 403—Public Policy Development. (5-0-5). Winter. Prerequisite: Political Science 304 or permission of the instructor.

This course is primarily concerned with a study of the theoretical aspects of decision-making theories (i.e., rational/comprehensive model vs. incremental model), political aspects of policy-making process, mobilization of political support, and the cost/benefit aspects of the public policy-making.

Some attempt will be made to apply the general theory of public policy-making to specific settings of welfare policy, urban problems, and national defense/foreign policy.

POLITICAL SCIENCE 411—The American Presidency. (5-0-5). Winter. Prerequisite: Political Science 113 or equivalent.

Offers an in-depth survey of the office of the Presidency, with the principal emphasis on the relations of the executive branch with the Congress and the Court system. Some attention will be given to the evolution of the Presidency to its present dominant position in the American political process. (Completion of a survey course in American History is desirable).

POLITICAL SCIENCE 414—The American Congress. (5-0-5). Offered on Demand. Prerequisite: Political Science 113, or equivalent.

A detailed study of the legislative process in the national government with particular emphasis on executive - legislative relations. Some comparisons will be made with the law-making processes of other nations. (Some background in American political and social history is desirable.)

POLITICAL SCIENCE 418—Administrative Law. (5-0-5). Fall. Prerequisite: Political Science 113.

This course explores the framework of law governing administrative agencies including: administrative power and its control by the courts, the determination and enforcement of administrative programs, discretion of administrative officials and their powers of summary actions, hearings before administrative boards, and the respective spheres of administrative and judicial responsibility.

Some attention will be given to the problem of the maintenance of traditional procedural safeguards in administrative law and the problem of civil rights with relation to administrative boards. Leading cases will be examined.

POLITICAL SCIENCE 490-491-492—Independent Study. (1-5)-0-(1-5). Offered each quarter. Admission by approval of instructor and the Head of the Department.

Designed to permit superior students to pursue individual research and reading in some field of history under the supervision of a member of the staff. Emphasis will be on wide reading, conferences with the advisor and written reports and essays. Normally open only to seniors with a B average in Political Science and in their overall work. Open to transient students only with permission of the Dean of the College of Armstrong and the college from which the student comes.

JOURNALISM

(See listing under Department of Languages and Literature).

DEPARTMENT OF LANGUAGES AND LITERATURE

Professor Hugh Pendexter, III, Head; Professor Emeritus Seale; Professors Anchors, Easterling, Jones, Killorin, Lubs, Strozier; Assistant Professors Brooks, Brown, Harris, Jenkins, Lawson, Mydell, Noble, Ramsey, Suchow, Welsh, and White.

Entering students should begin the required English composition sequence no later than the second quarter of their attendance. By doing so, the student will have had the opportunity to complete the required sequence prior to his taking the Regents Examination.

Students enrolled in degree programs which require a foreign language must show proficiency in the appropriate language at the required level by successfully completing standardized examinations administered by members of the foreign language faculty in the Department of Languages and Literature. This requirement applies to students enrolled at Armstrong State College and taking their foreign language courses on this campus and to students who, while enrolled at Armstrong State College, take their foreign language courses on another campus. Students transferring to Armstrong State College, after having completed the required foreign language sequence at another college, are not required to complete the proficiency examinations at Armstrong.

Entering freshmen who wish to exempt the foreign language requirement may do so by successfully completing the proficiency examination through the level required in a specific degree program. For further information on the exemption process, the student should contact the Head of the Department of Languages and Literature.

DEGREE REQUIREMENTS

The Major in English

A student majoring in English must complete at least 40 hours of upper-division courses (300-400 level) in the major field, of which at least 15 hours must be on the 400-level. A major program must include at least one of the starred courses in each of the following groups:

- I. Shakespeare (404*)
- II. English Literature before 1660 (300*, 301*, 302*, 320*, 402, 403)
- III. English Literature after 1660 (303*, 304*, 305*, 306*, 307*, 311, 312, 316, 322).
- IV. American Literature (308*, 309*, 310*, 313, 315, 322).
- V. a. English Language (324*, 325*, 410*,) or
b. Comparative Literature (314*, 317*, 318*, 332*, 333*, or English 322*) or
c. Speech (for Speech majors) (341*, 342, 345*, 346*; 400, 450).

The major shall select one area of specialization from groups II-V and complete at least two additional courses in that area (starred or unstarred). English 400, 401, 490, and 491 may, depending on the subject, be counted in any area of specialization.

The major program must also include proficiency in foreign language equivalent to the level achieved on completion of 201 as demonstrated on an examination to be designated by the department, and 25 hours of approved courses on the 300 or 400 level from these related fields: literature in a foreign language, history, philosophy, art, music, speech. Those concentrating in speech should include among their related-field courses Speech 227 (5 hours) or Speech 450 (15 hours) and Speech 228 and two courses in dramatic literature either in English or in a foreign language. Students concentrating in comparative literature should take as many of their related field courses as possible in foreign literature in the original language.

Unless exempted by examination, each student must complete a course in United States history.

The Major in French

A student majoring in French must complete at least 40 quarter hours of French beyond French 300. This program includes successful completion of one quarter's study (15 quarter hours) in France with the University System of Georgia Study Abroad Program. The department reserves the right to test a returning student on any or all material covered during the student's quarter in France. "Material covered" includes information a student should have acquired in scheduled museum visits or other field trips, geography of France, and any other information which might be included under the heading of general culture.

An additional thirty quarter hours are required in a related area. It is recommended that related courses be taken from the following:

1. Literature in a language other than French. This would include English, American, foreign or comparative literature. In the case of foreign literature, it is strongly recommended that the courses be taken in the original language.
2. History. It is naturally recommended that the bulk of courses be taken in French and European history.
3. Foreign language other than French, preferably a non-Romance language, plus courses in linguistics, such as English 410.

Unless exempted by examination, each student must include in his program of studies a course in United States history.

The Major in English With a Concentration in Speech

A student majoring in English with a concentration in Speech must complete at least 65 hours of course work as outlined below. The major program must also include proficiency in foreign language equivalent to courses 101 through 201.

- I. Required English courses 20 hours
 - English 404 - Shakespeare
 - English 322 - Modern British, American, and Continental
Drama: Ibsen to the present
 - English 320 - British Drama: Beginnings to 1640
 - Comparative Literature 318 - Ancient Drama

- II. At least one course from the following group 5 hours
 - English 324 - Introduction to Linguistics
 - English 325 - Advanced Grammar: Generative-Transformational
Grammar
 - English 410 - History of the English Language

- III. Required Speech courses 25 hours
 - Speech 227 - Theatre Laboratory (5 quarters)
 - Speech 228 - Fundamentals of Speech
 - Speech 341 - Oral Interpretation *or* Speech 342 - Advanced Acting
 - Speech 345 - History of the Theatre
 - Speech 346 - Play Production

- IV. At least one course from the following group 5 hours
 - English 490 - Independent Study or Speech 490
 - Speech 400 - Special Topics
 - English 400 or 401 (depending on the subject)

- V. Electives: at least two additional courses
in related fields 10 hours
or Speech 450-Drama Workshop (15 hours)

Program for Secondary School Teachers of English

- | | <i>Quarter Hours</i> |
|---|----------------------|
| A. General Requirements | 90 |
| 1. English 121, 122, 221, 222 | 20 |
| 2. One Foreign Language | 20 |
| 3. Art 200, 290, 291 or Music 200 | 5 |
| 4. History 114*, 115* | 10 |
| 5. History 251*, or 252* | 5 |
| 6. Psychology 101 and Political Science 113* | 10 |
| 7. Freshman Mathematics | 10 |
| 8. One of the following two-course sequences: | 10 |
| Biology 101, 102 | |
| Chemistry 121, 122 | |
| Chemistry 128, 129 | |
| Physics 211, 212 | |
| Physics 217, 218 | |

B. Courses in Major Field	40
Students must complete the requirements for a major in English, including English 325.	
C. Related Fields	25
Five of the following courses:	
Fine Arts (300 level or above)	
Foreign Language (300 level or above)	
History (300 level or above)	
Speech 228, 341, 345, 346, 400, 450	
Philosophy 201, 301, 302, 303, 320, 400, 490	
Education 425	
(Five hours of the Related Fields requirement must be Speech 228 or Speech 341).	
D. Physical Education	6
Physical Education 103, 117. 3	
Three courses selected from: 3	
P.E. 101, 102, 104, 105, 106, 107, 200, 201, 202, 203, 205, 206, 207, 208, 209	
E. Professional Sequence	35
Education 203, 330, 439, 446, 447, 448 30	
Psychology 301 5	
TOTAL	
196	

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section.

Course Offerings

COMPARATIVE LITERATURE

COMPARATIVE LITERATURE 314—Continental Novel. (5-0-5).
Spring, 1976.

COMPARATIVE LITERATURE 317—Ancient Epic and Lyric. (5-0-5).
Not offered, 1975-76.

COMPARATIVE LITERATURE 318—Ancient Drama. (5-0-5). Sum-
mer, 1975.

COMPARATIVE LITERATURE 332—Medieval and Renaissance Con-
tinental Literature. (5-0-5). Not offered, 1975-76.

COMPARATIVE LITERATURE 333—Modern Continental Literature.
(5-0-5). Winter, 1976.

ENGLISH

Students will be assigned to freshman English classes according to results of diagnostic tests taken before the beginning of the term.

ENGLISH 110—English as a Second Language (5-0-5). Offered on demand.

This course is designed to prepare the student whose native language is not English to do the normal college composition work. Students who pass this course are eligible for English 122. Admission by permission of the instructor.

ENGLISH 121—Composition and Non-Fiction. (5-0-5). Offered every quarter.

Assignment to this course is based upon the results of the English Department's placement test or upon the successful completion of English 99. The instruction focuses upon rhetoric, organization of ideas, and techniques of reading.

ENGLISH 122—Composition and Introduction to Prose Fiction. (5-0-5). Offered every quarter. Prerequisite: English 121, English 110, or English 191.

ENGLISH 191—Honors Composition. (5-0-5). Fall.

Instruction in this course will not follow the traditional lecture method only; the student will read widely and write a research paper (or papers) in the fashion which the instructor thinks will best discipline him for independent study. This course replaces English 121 for selected students.

ENGLISH 192—Honors Composition and Introduction to Literature. (5-0-5). Prerequisite: English 191 or a grade of "A" in English 121. Winter.

In this course, the students will read more extensively than for English 121 and will write critical papers.

ENGLISH 221—Composition and Introduction to Poetry and Drama. (5-0-5). Offered every quarter. Prerequisite: English 122 or English 192.

This course is prerequisite to all 300 and 400-level courses in English and Comparative Literature.

ENGLISH 222—Literature and the Human Condition. (5-0-5). Offered every quarter. Prerequisite: English 221.

A course ordered around one or all of these questions: (1) man's nature, needs and goals; (2) his place in nature; (3) his relationship to human society. The works read may investigate in depth one point of view on these questions or may explore several contrasting viewpoints. The student will be asked to order and express, at least tentatively, his own views. No term or research paper required.

ENGLISH 250—Intermediate Composition. (5-0-5). (Institutional Credit). Offered on Demand.

A course designed to correct deficiencies in writing revealed by the Regents Examination. Prerequisite: Completion of the English core requirements of the student's program. Does not count in the core.

ENGLISH 300—Early English Literature: Beginnings through 1485. (5-0-5). Not offered, 1975-76.

ENGLISH 301—Renaissance 1485-1603. (5-0-5). Not offered, 1975-76.

ENGLISH 302—17th Century: 1603-1660. (5-0-5). Spring, 1976.

ENGLISH 303—Restoration. (5-0-5). Not offered, 1975-76.

ENGLISH 304—18th Century. (5-0-5). Summer, 1975.

ENGLISH 305—19th Century I: Romantic. (5-0-5). Not offered, 1975-76.

ENGLISH 306—19th Century II: Victorian. (5-0-5). Fall, 1975.

ENGLISH 307—20th Century British. (5-0-5). Not offered, 1975-76.

ENGLISH 308—American I: Beginnings through Cooper. (5-0-5). Not offered, 1975-76.

ENGLISH 309—American II: Emerson through Twain. (5-0-5). Fall, 1975.

ENGLISH 310—American III: Rise of Naturalism to the present. (5-0-5). Not offered, 1975-76.

ENGLISH 311—British Novel I: Beginnings through Austen. (5-0-5). Winter, 1976.

ENGLISH 312—British Novel II: Scott through Hardy. (5-0-5). Not offered, 1975-76.

ENGLISH 316—British Novel III: Conrad through present. (5-0-5). Not offered, 1975-76.

ENGLISH 313—American Novel I: Beginnings through James. (5-0-5). Not offered, 1975-76.

ENGLISH 315—American Novel II: Naturalists to present. (5-0-5). Winter, 1976.

ENGLISH 320—British Drama: Beginnings to 1640. (5-0-5). Fall, 1975.

ENGLISH 322—Modern British, American, and Continental Drama: Ibsen to the present. (5-0-5). Not offered, 1975-76.

ENGLISH 324—Introduction to Linguistics. (5-0-5). Fall, 1975.

ENGLISH 325—Advanced Grammar: Generative-Transformational Grammar. (5-0-5). Prerequisites: English 324 or Speech 228. Winter, 1976.

ENGLISH 329—Introduction to Literary Research and Writing. (2-0-2). Offered on Demand.

A course intended to increase the student's skill in gathering research materials and using bibliographies, to improve the style and mechanics of his scholarly papers, and to familiarize him with literary terminology. Highly recommended for those majors who plan to teach or enter graduate school.

ENGLISH 331—Children's Literature (does not apply toward English major). (5-0-5). Offered on Demand.

ENGLISH 340—Advanced Composition. (5-0-5). Offered on Demand.

The study of expository and report techniques. Prerequisite: English 221 or consent of instructor (does not apply toward English major).

ENGLISH 342—Creative Writing. (5-0-5). Prerequisite: English 222 or consent of instructor. Offered on Demand.

ENGLISH 400—Seminar. ((1-5)-0-(1-5)). Offered on Demand.

ENGLISH 401—Seminar. ((1-5)-0-(1-5)). Offered on Demand.

ENGLISH 402—Milton. (5-0-5). Not offered, 1975-76.

ENGLISH 403—Chaucer. (5-0-5). Winter, 1975-76.

ENGLISH 404—Shakespeare. (5-0-5). Fall, 1975.

ENGLISH 410—History of the English Language. (5-0-5). Spring, 1976.

ENGLISH 490—Independent Study. ((1-5)-0-(1-5)). Offered on Demand. Prerequisites: Senior Status and English 221. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

ENGLISH 491—Independent Study. ((1-5)-0-(1-5)). Offered on Demand. Prerequisites: Senior Status and English 221. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

SPEECH

SPEECH 227—Theatre Laboratory. (0-3-1). Offered every quarter.

Practical experience in theatre. The student will work on the Masquers' production of the quarter. Only one hour of credit may be earned per quarter. The maximum total credit allowed in Theatre Laboratory is five quarter hours.

In the summer students may take up to five hours credit in Speech 227 by working part-time in summer theatre workshop (Speech 450).

SPEECH 228—Fundamentals of Speech. (5-0-5). Prerequisite: English 121. Offered every quarter.

Practice and theory of oral communication. Each student makes several major speeches. The physiology of the speech mechanism is covered, and articulation is studied within the framework of the International Phonetic Alphabet.

SPEECH 341—Oral Interpretation. (5-0-5). Offered 1975-76. Prerequisite: English 121.

A practical course in the oral interpretation of poetry and prose. The techniques of literary analysis are stressed along with the vocal techniques needed to communicate an author's mood and meaning.

SPEECH 342—Advanced Acting (5-0-5). Offered on Demand. Prerequisites: English 121 plus at least two credit hours in Speech 227.

Intensive study of characterization and styles of acting from several points: historical, critical, practical, theoretical, and experimental. Emphasis on developing performance skills.

SPEECH 345—History of the Theatre. (5-0-5). Offered 1974-1975. Prerequisite: English 121.

A survey of theatrical art from its beginning to the present day. The course emphasizes the development of the physical theatre.

SPEECH 346—Play Production. (5-0-5). Spring Prerequisite: English 121.

A course in the theory and practice of acting and directing, with special attention to image-making on stage. Individuals under supervision prepare and execute the production of scenes and short plays.

SPEECH 400—Special Topics ((1-5)-0-(1-5)). Prerequisite: English 121.

The specific subject matter in this course will be determined and announced by the professor at the time when the course is offered.

SPEECH 450—Drama Workshop. (0-45-15). Offered in summer only.

This course is summer stock theatre for credit. Students will be directed and instructed by a member of the faculty who is a professional in the theatre. All aspects of production will be included.

SPEECH 490: Independent Study ((1-5)-0-(1-5)). Offered on Demand. Prerequisites: Senior status plus English 121 plus at least one 300 level Speech course. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

PHILOSOPHY

PHILOSOPHY 201—Introduction to Philosophy. (5-0-5). Offered on Demand. Prerequisite: English 121.

The fundamentals of philosophy, the meaning and function of philosophy, the vocabulary and problems of philosophy, and the relation of philosophy to art, science, and religion. Includes a survey of the basic issues and major types of philosophy and shows their sources in experience, history, and representative thinkers.

PHILOSOPHY 301—History of Philosophy: Ancient and Medieval. (5-0-5). Offered on Demand. Prerequisite: English 121.

An historical introduction to philosophy, tracing the development of European philosophy from the early Greeks through the Middle Ages, with emphasis on selected works of major philosophers.

PHILOSOPHY 302—History of Philosophy: Modern (5-0-5). Offered on demand. Prerequisite: English 121.

European philosophy from the Renaissance through Kant, emphasizing selected works of major philosophers.

PHILOSOPHY 303—19th and 20th Century Philosophy. (5-0-5). Prerequisite: Philosophy 201, 301, or 302; English 121. Offered on Demand.

A study of the major philosophers in philosophical movements of the 19th and 20th centuries.

PHILOSOPHY 320—Introduction to Oriental Philosophy. (5-0-5). Offered on Demand. Prerequisite: English 121.

PHILOSOPHY 400—Special Topics. ((1-5)-0-(1-5)). Offered on Demand. Prerequisite: English 121.

The specific subject matter in this course will be determined and announced by the professor at the time when the course is offered.

PHILOSOPHY 490—Independent Study. ((1-5)-0-(1-5)). Offered on Demand. Prerequisites: Senior Status and English 121.

The student, with the advice and consent of his supervising professor and of the department head, will select the topic for supervised independent study and will submit a prospectus for departmental approval before the quarter in which the course is to be taken. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

JOURNALISM

JOURNALISM 227—Journalism Laboratory. (0-3-1). Offered on Demand.

Practical experience in journalism. Students will work under instruction on the college newspaper staff. Only one hour's credit may be earned per quarter. The maximum total credit allowed in Journalism Laboratory is five quarter hours. Admission by permission of the instructor.

FRENCH

FRENCH 101-102-103—Elementary French. (5-0-5) (5-0-5) (5-0-5). Offered each year.

A course for beginners. The approach is primarily oral, and daily practice with tape recordings is required.*

To receive credit for French 103, a student must successfully complete the Modern Language Association L level test in French.

FRENCH 201—Intermediate French. (5-0-5). Fall. Prerequisite: three quarters of college French or three years of high school French.

Further reading of texts, and oral and composition practice.

To receive credit for French 201, a student must successfully complete the Educational Testing Service College Placement Test in French.

FRENCH 300—Composition and Conversation. (5-0-5). Winter.

FRENCH 301—French Literature of the Middle Ages and the Renaissance. (5-0-5). Offered alternate years. Prerequisite: French 201.

FRENCH 302—French Classical Drama. (5-0-5). Offered alternate years. Prerequisite: French 201.

Selected plays of Corneille, Moliere, and Racine.

FRENCH 304—French Literature of the 19th Century. (5-0-5). Offered alternate years. Prerequisite: French 201.

A study of Romantic prose, poetry, and drama, with lectures and discussions in French.

FRENCH 305—French Literature of the 19th Century: Realism and Naturalism. (5-0-5). Offered alternate years. Prerequisite: French 201.

FRENCH 351-352-353—Study Abroad in France (15 hours credit). Prerequisite: French 103.

This course is a summer quarter's residence and study in France in conjunction with the Study Abroad Program of the University System of Georgia. The program is offered in Dijon for a period of nine weeks. During this time the student will receive intensive instruction in language and culture and will be expected to engage in co-curricular activities sponsored by the University of Dijon and USG.

FRENCH 401—French Literature of the Twentieth Century. (5-0-5). Prerequisite: French 201.

This course is a study of contemporary prose, poetry, and drama with lectures and discussions in French. This course, normally the last course in French that a student would take, includes a serious term paper of considerable magnitude to be written in French.

FRENCH 490—Independent Study. (1-5)-0-(1-5). Offered on demand. Prerequisites: Senior Status and French 201. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

*Students who own tape machines may check copies of taped lessons out of the library. These tapes are recorded at 7-½ i.p.s.

GERMAN

GERMAN 101-102-103—Elementary German. (5-0-5) (5-0-5) (5-0-5). Offered each year.

Elements of reading and writing; basic vocabulary; simple conversation; essentials of grammar.*

To receive credit for German 103, a student must successfully complete the Modern Language Association L level test in German.

GERMAN 201—Intermediate German. (5-0-5). Fall. Prerequisite: Three quarters of college German or three years of high school German.

Further reading of texts, oral and composition practice.

To receive credit for German 201, a student must successfully complete the Educational Testing Service College Placement Test in German.

GERMAN 211—Scientific German. (3-0-3). Offered on Demand. Prerequisite: same as 201.

Readings in scientific and technical material with special attention to grammatical difficulties encountered in this literature.

GERMAN 300—Composition and Conversation. (5-0-5). Offered on Demand. Prerequisite: German 201.

GERMAN 305—19th Century German Literature (5-0-5). Offered on Demand. Prerequisite: German 201.

GERMAN 307—20th Century German Literature. (5-0-5). Offered on Demand. Prerequisite: German 201.

GERMAN 351-352-353—Study Abroad in Germany. (15 hours credit.) Prerequisite: German 103.

This course is a summer quarter's residence and study in Germany in conjunction with the Study Abroad Program of the University System of Georgia. The program is offered in Germany for a period of nine weeks. During this time the student will receive intensive instruction in language and culture and will participate in University sponsored activities.

GERMAN 490—Independent Study. (1-5)-0-(1-5). Offered on Demand. Prerequisite: Senior Status and German 201. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

*Students who own tape machines may check copies of taped lessons out of the library. These tapes are recorded at 7-½ i.p.s.

SPANISH

SPANISH 101-102-103—Elementary Spanish. (5-0-5) (5-0-5) (5-0-5). Offered each year.

These courses are for the purpose of providing the student with the elements of Spanish reading, composition, and conversation.*

To receive credit for Spanish 103, a student must successfully complete the Modern Language Association L level test in Spanish.

SPANISH 201—Intermediate Spanish. (5-0-5). Fall. Prerequisite: Three quarters of college Spanish or three years of high school Spanish.

Further reading of texts, oral and composition practice.

To receive credit for Spanish 201, a student must successfully complete the Educational Testing Service College Placement Test in Spanish.

SPANISH 300—Composition and Conversation. (5-0-5). Winter. Prerequisite: Spanish 201.

SPANISH 351-352-353—Study Abroad in Spain (15 hours credit). Prerequisite: Spanish 103.

This course is a summer quarter's residence and study in Spain in conjunction with the Study Abroad Program of the University System of Georgia. The program is offered in Salamanca for a period of nine weeks. During this time the students will receive intensive instruction in language and culture which will be complemented by a number of excursions.

SPANISH 490—Independent Study. (1-5)-0-(1-5). Offered on Demand. Prerequisites: Senior Status and Spanish 201. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

*Students who own tape machines may check copies of taped lessons out of the library. These tapes are recorded at 7-½ i.p.s.

LIBRARY SCIENCE

Assistant Professor George Sloan, Director;
Assistant Professors Ball, Hughes, Miller, Prantalos, Sandy.
(See listing under Department of Education.)

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Professor Richard M. Summerville, Head; Professor Emeritus Winn; Professor Hudson; Associate Professors Hinkel, Munson, and Shipley; Assistant Professors Semmes, Findeis, Kilhefner, Netherton, and Etersque; Temporary Assistant Professor Chi.

The department offers two basic programs of study—one leading to the Bachelor of Science degree with a major in mathematics, and the other leading to the Bachelor of Science in Education degree with a major in mathematics. The latter degree program is specifically designed to prepare teachers of secondary mathematics and is an approved program for the Georgia Teacher's Professional Four-Year Certificate (T-4). Students wishing to earn both the Bachelor of Science degree and complete the requirements for the T-4 certificate may do so by satisfying all requirements for both the B.S. and the B.S.Ed. degrees. A third degree program—Bachelor of Science with a major in Computer Science—has been submitted for approval to the Board of Regents of the University System of Georgia. For full information on this degree program, please contact the Head of the Department.

In addition to these degree programs, the Department of Mathematics and Computer Science cooperates with the Department of Business Administration to offer the B.B.A. degree with a major in Information Systems. Details concerning this degree program are given under the catalogue entry for the Department of Business Administration. The Department of Mathematics and Computer Science also participates in the Dual Degree Program of Armstrong State College and the Georgia Institute of Technology under which students may, in five years of study, earn simultaneously the B.S. degree in mathematics from Armstrong and the bachelor's degree in any one of a number of fields of engineering from Georgia Tech.

Students who wish to pursue any of the above degree programs should consult with the department head before their first quarter in residence for advisement and planning of their academic programs.

DEGREE REQUIREMENTS

Bachelor of Science with a Major in Mathematics

	<i>Quarter Hours</i>
A. General Education	76
1. English 121, 122, 221	15
2. One of the following courses: Art 200, 290, 291, English 222, Music 200, Philosophy 201	5
3. One of the three sequences: Biology 101, 102; Chemistry 128, 129; Physics 217-218	10
4. History 114*, 115*, and either 251* or 252*	15
5. Political Science 113*, and one of the four courses: Psychology 101, Anthropology 201, Sociology 102, Economics 201	10
6. One foreign language sequence**	15
7. Physical Education 103, 117 and three activity courses	6

B. Mathematics Major	50-60
1. Mathematics 101**, 103**, 104, 201 202, 203	20-30
2. Mathematics 311, 312, 316, 401	12
3. Two of the four courses: Mathematics 341, 342, 402, 403	6
4. Approved 300-400 level mathematics electives	12
C. Related Field Requirement	15
<p>In addition to his other requirements, the student must complete fifteen quarter hours of approved courses in one field of study related to his major. Each course taken to satisfy this requirement must be approved by the student's advisor prior to the student's enrollment.</p>	
D. Approved Electives	40-50
TOTAL	
191	

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" and "Degree Requirements" sections.

**Required unless exempted by examination.

Bachelor of Science in Education with a Major in Mathematics

Quarter Hours

A. General Education	81
1. English 121, 122, 221	15
2. Two of the four courses: Art 200, English 222, Music 200, Philosophy 201	10
3. Two of the three sequences: Biology 101, 102; Chemistry 128, 129; Physics 217, 218	20
4. History 114*, 115*, and either 251* or 252*	15
5. Psychology 101 and Political Science 113*	10
6. Speech 228	5
7. Physical Education 103, 117 and three activity courses	6
B. Mathematics Major	50-60
1. Mathematics 101**, 103**, 104, 201, 202, 203	20-30
2. Mathematics 311, 316, 321, 336, 401	15
3. Two of the four courses: Mathematics 312, 322, 337, 401	6
4. Approved 300-400 level mathematics electives	9

C. Professional Sequence	35
1. Psychology 301	5
2. Education 203, 330, 441, 446, 447, 448	30
D. Approved Electives	15-25
TOTAL	
191	

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" and "Degree Requirements" sections.

**Required unless exempted by examination.

Course Offerings

MATHEMATICS

MATHEMATICS 101—College Algebra. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Students must take the Mathematics Diagnostic Test prior to enrolling. Dates on which the test is administered are given in the academic calendar in the front of the catalogue. Present text: Hart, *Basic College Algebra*.

Real number arithmetic; polynomial and rational expressions; linear and quadratic equations; functions and graphs; inequalities; absolute value; sequences and progressions; the binomial theorem; techniques of counting and elementary probability.

MATHEMATICS 103—Pre-Calculus Mathematics. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 101 or permission of the department head. Present text: Flanders and Price, *Introductory College Mathematics with Linear Algebra and Finite Mathematics*.

Functions; polynomial, trigonometric, exponential, and logarithmic functions; mathematical induction; complex numbers; matrices, determinants, and systems of equations.

MATHEMATICS 104—Calculus I. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 103 or permission of the department head. Present text: Seeley, *Calculus of One & Several Variables*.

The derivative and its applications; introduction to integration.

MATHEMATICS 195—Elementary Applied Mathematics. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 101 or its equivalent. Present text: Hart, *Mathematics for Managerial and Social Sciences*.

A survey of elementary analytic, linear, and finite mathematics as they relate to commerce, business, and life situations.

MATHEMATICS 201—Calculus II. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 104. Present text: Seeley, *Calculus of One & Several Variables*.

Techniques of integration; linear differential equations; vectors in the plane; polar coordinates; approximation theory; applications.

MATHEMATICS 202—Calculus III. (5-0-5). Fall, Winter, Spring. Prerequisite: Mathematics 201. Present text: Seeley, *Calculus of One & Several Variables*.

Infinite sequences; infinite series; three-dimensional vectors; solid analytic geometry; applications.

MATHEMATICS 203—Calculus IV. (5-0-5). Fall, Winter, Spring. Prerequisite: Mathematics 202. Present text: Seeley, *Calculus of One & Several Variables*.

Differential calculus of several variables; multiple, line, and surface integrals; Green's and Stokes' Theorems; applications.

MATHEMATICS 220—Elementary Statistics. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 101 or its equivalent. Present text: Freund, *Statistics: A First Course*.

Measures of central tendency and dispersion; probability distributions; inferences concerning means, standard deviations, and proportions; analysis of variance; correlation; regression.

MATHEMATICS 290—Topics in Mathematics. (5-0-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 101 or its equivalent. Present text: Wimbish, *Mathematics: A Humanistic Approach*.

A terminal course of selected topics designed to portray the history, philosophy, and aesthetics of mathematics, and to develop an appreciation of the role of mathematics in western thought and contemporary culture.

MATHEMATICS 311-312-313—Abstract Algebra I, II, III. (3-0-3 each). 311-Fall, 312-Winter, 313-Not offered during the 1975-76 academic year. Prerequisite: Mathematics 203. Present text: Hillman & Alexanderson, *A First Undergraduate Course in Abstract Algebra*.

Classical topics in the elementary theory of groups, rings, and fields.

MATHEMATICS 316-317—Linear Algebra I, II. (3-0-3 each). 316-Spring, 317-Summer. Prerequisite: Mathematics 202. Present text: Anton, *Elementary Linear Algebra*.

Linear Systems; vector spaces and linear transformations; matrices; determinants; normed linear spaces and inner product spaces.

MATHEMATICS 321-322—Probability and Statistics I, II. (3-0-3 each). Not offered during the 1975-76 academic year. Prerequisite: Mathematics 202. Present text: Freund, *Mathematical Statistics*.

Probability spaces; random variables; algebra of expectation; random sampling; the law of large numbers; correlation and regression.

MATHEMATICS 336-337—Modern Geometry I, II. (3-0-3 each). 336-Winter, 337-Spring. Prerequisite: Mathematics 201. Present text: Eves, *A Survey of Geometry*.

A survey of selected topics from Euclidean, spherical, projective, and finite geometry.

MATHEMATICS 341-342-343—Analysis and Applications I, II, III. (3-0-3 each). 341-Winter, 342-Spring, 343-Fall. Prerequisite: Mathematics 203. Present text: Kreyszig, *Advanced Engineering Mathematics*.

Applied advanced calculus; vector analysis; ordinary differential equations; boundary value problems and methods of mathematical physics.

MATHEMATICS 353-354—Numerical Analysis I, II. (3-0-3 each). Summer, 1976. Prerequisite: Mathematics 202 and Computer Science 110 (or its

equivalent). Present text: Conte and de Boor, *Elementary Numerical Analysis*.

Numerical error; polynomial interpolation; systems of linear equations; numerical integration and numerical solution of differential equations; matrix inversion; evaluation of determinants; calculation of eigenvalues and eigenvectors; boundary value problems.

MATHEMATICS 360—Mathematical Logic. (3-0-3). Fall.
Prerequisite: Mathematics 201. Present text: Stoll, *Set Theory and Logic*.

The elementary statement and predicate calculus; formal systems; applications of logic in mathematics.

MATHEMATICS 391—Basic Ideas of Arithmetic. (5-0-5). Winter, Summer. Prerequisite: Mathematics 101 or its equivalent. Present text: Copeland, *Mathematics and the Elementary Teacher*.

Fundamental concepts of arithmetic as they relate to the elementary school; current elementary school methods and materials used in arithmetic instruction.

MATHEMATICS 392—Basic Ideas of Geometry. (5-0-5). Spring. Prerequisite: Mathematics 101 or its equivalent. Present text: Haag, Hardgrove, Hill, *Elementary Geometry*.

Fundamental concepts of geometry as they relate to the elementary school; current elementary school methods and materials used in geometry instruction.

MATHEMATICS 400—Special Topics. ((1-5)-0-(1-5)). Offered by special arrangement. Prerequisite: Consent of the instructor and permission of the department head.

Individual readings and research under the direction of a member of the mathematics faculty.

MATHEMATICS 401-402-403—Fundamentals of Modern Analysis I, II, III. (3-0-3 each). 401-Spring, 402-Fall, 403-Winter, Prerequisite: Mathematics 203 and 6 quarter hours of 300-400 level mathematics courses. Present text: Sagan, *Advanced Calculus*.

The real number system; sequences and series; metric spaces; continuous functions on metric spaces; connectedness, completeness, compactness; the Riemann integral; the elementary functions; uniform convergence; the Weierstrauss approximation theorem; the Lebesgue integral; Fourier series.

MATHEMATICS 406-407—Functions of a Complex Variable I, II. (3-0-3 each). Not offered during the 1975-76 academic year. Prerequisite: Mathematics 203 and 6 quarter hours of 300-400 level mathematics courses. Present text: Churchill, *Complex Variables with Applications*.

Complex numbers; elementary functions and transformations; the Cauchy theory; conformal mapping; Riemann's mapping theorem.

MATHEMATICS 416-417—Theory of Numbers I, II. (3-0-3 each). 416-Fall, 417-Winter. Prerequisite: Mathematics 203 and 6 quarter hours of 300-400 level mathematics courses. Present text: Stewart, *Theory of Numbers*.

Divisibility and congruence; quadratic reciprocity; Diophantine equations; number-theoretic functions and their applications; selected advanced topics from algebraic and analytic number theory.

MATHEMATICS 436-437—Topology I, II. (3-0-3 each). Summer, 1975. Prerequisite: Mathematics 311 and Mathematics 401. Present text: Fairchild, *Topology*.

Topological spaces and homeomorphisms; separability; compactness; connectedness; completeness; metrizable; introduction to homotopy theory.

MATHEMATICS 470—History of Mathematics. (3-0-3). Not offered during the 1975-76 academic year. Prerequisite: Twelve quarter hours of 300-400 level courses in mathematics. Present text: Struik, *A Concise History of Mathematics*.

A survey of the development of mathematics from its empirical beginnings to its present state.

COMPUTER SCIENCE

COMPUTER SCIENCE 110—Introduction to Computing. (4-3-5). Fall, Winter, Spring, Summer. Prerequisite: Mathematics 101. Present text: Nolan, *Introduction to Computing Through the BASIC Language*.

BASIC programming and program structure; elementary logic and Boolean algebra; algorithms, flow charts, debugging, computer solutions of numeric and non-numeric problems; characteristics and applications of computers in modern society.

COMPUTER SCIENCE 231—Business Languages I. (4-3-5). Winter. Prerequisite: Computer Science 110. Present texts: Essick, *RPG for System 360/370*; and Stern & Stern, *COBOL Programming*.

Introduction to language and programming applications for small computer systems with RPG; programming and applications of COBOL in the commercial environment; concepts of file processing.

COMPUTER SCIENCE 232—Business Languages II. (4-3-5). Spring. Prerequisite: Computer Science 231. Present texts: Shelly & Cashman, *Advanced Ansi COBOL Disk/Tape*; and Shelly & Cashman, *Ansi COBOL Workbook*.

Advanced COBOL programming for business applications; table handling, sorting, and report generating facilities of COBOL; processing of tape and disk files.

COMPUTER SCIENCE 241—Scientific Languages I. (4-3-5). Spring. Prerequisite: Computer Science 110. Present texts: Sprowls, *PL/C: A Processor for PL/I*; and McCracken, *A Guide to FORTRAN IV Programming*.

Programming of scientifically oriented problems in a higher-level language; language facilities for arrays, input/output, subroutines, non-numeric processing, and machine-dependent features.

COMPUTER SCIENCE 242—Scientific Languages II. (4-3-5). Fall. Prerequisite: Computer Science 241. Text: To be selected.

Comparative study of scientific programming languages including facilities for recursion, procedures, storage allocation techniques, string processing, and passing of parameters.

COMPUTER SCIENCE 301—Computer Organization and Programming. (4-3-5). Winter, Summer. Prerequisite: Computer Science 232 or Computer Science 241. Present text: Struble, *Assembler Language Programming: The IBM System/360*.

Introduction to systems programming via in-depth coverage of assembler language programming; operating systems; addressing techniques; internal storage structure; machine-level representation of instructions and data; subroutines; I/O; linkers and loaders; macro facilities; mass data storage facilities.

COMPUTER SCIENCE 302—Data Structures. (4-3-5). Fall. Prerequisite: Computer Science 301. Text: To be selected.

Internal representation of arrays, queues, trees, stacks, and lists; hardware characteristics of large computer systems; concepts related to the interaction between data structures and storage structures for the generating, developing, and processing of data.

COMPUTER SCIENCE 306—Data and Programming Management. (4-3-5). Spring. Prerequisite: Computer Science 301. Present text: Shelly & Cashman, *OS Job Control Language*.

Programming methodology for processing large quantities of data; job control language, utility programs, and data storage and retrieval utilizing mass storage devices.

COMPUTER SCIENCE 320—Statistical Methods for Computer Programming. (3-4-5). Fall. Prerequisite: Mathematics 220 and Computer Science 110. Present text: Afifi and Azen, *Statistical Analysis: A Computer Oriented Approach*.

Concepts and skills related to utilizing computers in statistical analysis, including the programming of statistical analyses and elementary simulations, the use of random number generators and the statistical evaluation of their output, and data analysis using packaged systems.

COMPUTER SCIENCE 341—Programming Languages. (4-3-5). Winter—even years. Prerequisite: Computer Science 242 and Computer Science 302. Text: To be selected.

Formal definition of programming languages; specification of syntax and semantics; precedence rules for operators; translation between infix, prefix, and postfix notations; subroutines and coroutines; block structures; list structures; string structures.

COMPUTER SCIENCE 353-354—Numerical Analysis I, II. (3-0-3 each). Summer—even years. Prerequisite: Mathematics 203 and Computer Science 110. Present text: Conte and de Boor, *Elementary Numerical Analysis*.

Numerical error; polynomial interpolation; systems of linear equations; numerical integration and numerical solution of differential equations; matrix inversion; evaluation of determinants; calculation of eigenvalues and eigenvectors; boundary value problems.

COMPUTER SCIENCE 401—Systems Programming I. (4-3-5). Winter—odd years. Prerequisite: Computer Science 302. Text: To be selected.

Software requirements for support of computer systems, especially in a multiprogrammed environment; addressing techniques; file system

organization and management; I/O; control systems; spooling; interrupts; reentrant code; user services; executive systems.

COMPUTER SCIENCE 402—Systems Programming II. (4-3-5). Spring—odd years. Prerequisite: Computer Science 401. Text: To be selected.

Design and analysis of operating systems; memory management; name management; file systems; segmentation; paging; protection; resource allocation.

COMPUTER SCIENCE 406—Design of Programming Systems. (3-0-3). Summer—odd years. Prerequisite: Computer Science 402. Text: To be selected.

Design of monitor systems; executive systems and operating systems as they relate to current generation computers with facilities for multi-programming; teleprocessing, real time, and interactive processing.

COMPUTER SCIENCE 431—Control and Organization of Information. (3-0-3). Fall. Prerequisite: Computer Science 232 and Computer Science 306. Text: To be selected.

Information analysis and logical design of information systems and data bases; consideration of hardware, access methods, management and control functions, communicating with the data base, and integrated systems.

COMPUTER SCIENCE 432—Systems Analysis and Design. (3-0-3). Winter. Prerequisite: Computer Science 431. Text: To be selected.

Principles and techniques of systems analysis, including personnel and machine requirements, file considerations, problem formulation, analysis aids, iterative requirements of the design phase and implementation criteria and evaluation; readings and case studies related to analysis and design, and a student project incorporating the techniques studied in an appropriate real-world environment.

COMPUTER SCIENCE 442—Design of Compilers. (4-3-5). Spring—even years. Prerequisite: Computer Science 341. Text: To be selected.

Requirements for higher level digital computer language compilers, including symbol tables, storage allocation, object code translating and interpreting, syntax and semantic scans, and object code optimization.

COMPUTER SCIENCE 490—Special Topics in Computer Science. ((0-5)-(0-15)-(1-5)). Offered by special arrangement. Prerequisite: Consent of the instructor and permission of the department head.

Individual or group readings and research under the direction of a member of the faculty.

COMPUTER SCIENCE 496-497-498—Internship in Computer Science. (1-13-5 each). Offered by special arrangement. Prerequisite: Permission of the department head.

Experience, in a variety of computing environments suited to the educational and professional aspirations of the student, under the direction of a member of the faculty and appropriate off-campus supervisory personnel. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

MENTAL HEALTH WORK

(See listing under Department of Psychology and Sociology.)

MUSIC

(See listing under Department of Fine Arts.)

DEPARTMENT OF NURSING

Associate Professor Sister M. Bonaventure, R.S.M., Head; Assistant Professors Bell, R.N.; Overstreet, R.N.; Cunningham, R.N.; Silcox, R.N.; Preston, R.N.; Sutton, R.N.; Instructors Buck, R.N.; Keller, R.N.; G. Miller, R.N.; M. Miller, R.N.; Vocational Counselor Shearouse.

Admission Requirements

For admission requirements for the Associate in Arts Degree Program in nursing or the Bachelor of Science in Nursing, refer to the section on "Admissions" in this bulletin.

Associate in Arts in Nursing

The Associate in Arts Degree Program in Nursing provides the student with the opportunity to obtain a general education and to study nursing at the college level. Graduates are eligible to take the state examination for licensure to practice as registered nurses.

The nursing educational program is developed by proceeding from simple to complex situations in nursing which evolve from the fundamental needs of individuals throughout the human life cycle.

Student nurses participate in nursing laboratory experiences at Memorial Medical Center, Candler General Hospital Complex, St. Joseph's Hospital, Georgia Regional Hospital at Savannah, and other community agencies. Students are assigned to the clinical area and are responsible for providing their own transportation.

Students who enroll in this program have opportunities for personal, intellectual, and socio-ethical development, as well as having the personal satisfaction of becoming a member of a professional group which has unlimited opportunities after graduation.

A passing grade in all natural science courses must be maintained each quarter for the student to be allowed to continue in Nursing courses during the freshman year. Such natural science courses must be satisfactorily com-

pleted before the student will be admitted to sophomore status in the program. The student must earn a "C" or better in each Nursing course before he or she will be allowed to register for the subsequent Nursing course; therefore, the grade of "C" or better in the previous course is a prerequisite for all Nursing courses. The student may repeat a Nursing course only once in order to earn the "C" grade that is prerequisite for the subsequent course. An overall GPA of 2.0 is required to enter Nursing 203. A grade of "C" or better must also be earned in Nursing 203. An overall GPA of 2.0 is required for graduation from the program.

DEGREE REQUIREMENTS

Associate in Arts in Nursing

General Education		Nursing	
<i>Qtr. Hrs.</i>		<i>Qtr. Hrs.</i>	
English 121, 122	10	Nursing 101	8
Chemistry 201	5	Nursing 102	8
Zoology 208, 209	10	Nursing 103	8
Biology 210	5	Nursing 201	9
Psychology 101	5	Nursing 202	9
History 251* or 252*	5	Nursing 203	10
Political Science 113	5		52
Physical Education	3		
	48		

Total for two academic years100

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" section and "Degree Programs" section.

Course Offerings - Freshman

NURSING 101 and 101-L—Fundamentals of Nursing: Selected Laboratory Experiences. (6-6-8). Fall Quarter.

In this introductory course, students are given the opportunity to develop basic nursing skills and to learn and apply the principles to problem solving in the identification of the nursing care of individual patients. Emphasis is also placed upon maintenance of homeostasis, nutritional needs, pharmacology and communication skills. Clinical experience in community hospitals is given under supervision. (Exemption exams for qualified applicants will be considered.)

NURSING 102 and 102-L—Maternal-Child Health; Selected Laboratory Experiences. (6-6-8). Winter and Spring Quarter. Prerequisite: Nursing 101, Zoology 208, and Chemistry 201.

A study of maternal and child health designed to strengthen understanding of parent-family-nurse relationships during the child bearing process. Focus is on a family centered approach to nursing care of the normal and premature newborn and the well child. Includes concepts of growth and development as well as family planning. Core threads are drug therapy, nutritional counseling, psychological and emotional factors affecting maternal and child health, and family teaching.

Laboratory learning is provided within the maternity and new-born nursery, selected out-patient clinics, and community agencies.

NURSING 103 and 103-L—Psychiatric Nursing; Selected Laboratory Experiences. (6-6-8). Winter and Spring Quarter. Prerequisites: Nursing 101, Zoology 208, and Chemistry 201.

The nursing problems involved in caring for patients in which the focus is on psychological needs of the individual who is viewed within a continuum of mental wellness-mental illness. The patient with unmet needs is considered not only as an individual but as a member of a family and a community.

Laboratory learning is provided in psychiatric clinical areas and community agencies.

Course Offerings - Sophomore

NURSING 201 and 201-L—Nursing in Physical Illness I. (6-9-9). Fall Quarter. Prerequisite: Nursing 102, 103.

A course consisting of the study of selected nursing problems relating to normal and altered physiological body processes. Includes study in principles of care of children and adults with nursing problems in medical-surgical conditions. Diet and drug therapy, associated communicable diseases, patient and family teaching and psychological and emotional factors affecting health are core threads. Laboratory instruction is provided within the medical-surgical, pediatric operating room, and recovery room. Clinical areas.

NURSING 202 and 202-L—Nursing in Physical Illness II. (6-9-9). Winter Quarter. Prerequisite: Nursing 201.

A continuation of Nursing 201. The more common medical-surgical illness is considered with emphasis on major health problems. Nursing 201 core threads are continued and patient care before, during, and after surgical intervention is included. Nursing laboratory learning is included. Nursing laboratory learning is provided within the medical-surgical, pediatric, operating room, and recovery room clinical areas.

NURSING 203 and 203-L—Advanced Nursing Problems. (5-15-10). Spring Quarter. Prerequisite: Nursing 202 and an overall 2.0 GPA.

A course designed to develop greater depth of knowledge and understanding of the nursing aspects related to the care of patients with complex medical-surgical problems. Emphasis is on therapeutic nurse-patient relationships in the care of children and adults with a multiplicity of nursing needs. Core threads and a patient centered, problem-solving approach are

continued. Laboratory learning is provided within the intensive care unit, coronary care unit, selected medical-surgical and pediatric units, and emergency room.

NURSING 204—Nursing Trends. (2-0-2).

A survey course designed to assist students in understanding the roles of registered nurses in contemporary society. Consists of discussion which explores current trends in nursing practice and education and the legal aspects of nursing and nursing organizations.

DEGREE REQUIREMENTS

Bachelor of Science in Nursing

General Education	Nursing
<i>Qtr. Hrs.</i>	<i>Qtr. Hrs.</i>
English 122	Nursing 411
5	5
English 221	Nursing 412
5	5
Mathematics 101	Nursing 413
5	5
Mathematics 195 or	Nursing 414
220 or 290	8
5	Nursing 415
History 114*	8
5	Nursing 416
History 115*	2
5	Nursing 417
Sociology 315 or	3
350 or 365	Nursing 418
5	3
Psychology 301 or	Nursing 419
305 or 311	3
5	42
Philosophy 201	
5	
Elective	
5	
Physical Education	
3	
<u>53</u>	

Total two academic years95

*These courses may be exempted by examination with credit awarded. See "Academic Regulations" and "Degree Programs" sections.

Course Offerings

NURSING 411—Principles of Nursing Management. (5-0-5). Offered on Demand.

Designed to investigate selected principles of management science and leadership as applied to nursing in health agencies.

NURSING 412—Application of Principles of Nursing Management. (5 credit hours). Offered concurrently with Nursing 411.

Selected observations and experiences in the application of principles of nursing management in health agencies.

NURSING 413—Introduction to Community Nursing. (5 credit hours). Offered on Demand.

Introduction to the concepts basic to public health, including the history of the public health movement, epidemiology, environmental control, vital statistics, community planning and organization and development of public health programs. Emphasis will be placed on selecting nursing action and planning for continuity and extension of patient care through cooperative hospital and public health coordination.

NURSING 414—Community Health Resources - Field Experiences (8 credit hours). Offered on Demand. Prerequisite: Nursing 413.

Observations and carefully guided practice in giving total family health service to a selected group of patients in varied community settings and in using community resources effectively in planning for post hospital continuity of patient care. (A car will be necessary.)

NURSING 415—Advanced Clinical Specialty. (5-10-5). Offered on Demand.

Research and experimental based study in an area of nursing specialty adapted to the particular needs of the individual student.

NURSING 416—Rudiments of Independent Study. (2 credit hours.)

A review of nursing research methods with emphasis on design, data collection, measurement survey and analysis.

NURSING 417—Special Problems in Nursing. (3 credit hours.) Prerequisite: Nursing 416. Offered concurrently with Nursing 416.

A course in which research problems in nursing are undertaken. Prior consent of nursing faculty and agreement on a topic are required.

NURSING 418—Independent Study. (3 credit hours.) Prerequisite: Nursing 417.

An in-depth continuation of a selected problem in nursing with independent field and laboratory investigation under faculty guidance. Final written report required. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

NURSING 419—Administration of Nursing Personnel. (5-0-5). Offered on demand.

Investigates theories and practices relating to the administration of nursing personnel in health agencies. Responsibilities of individuals in the performance of various personnel functions are considered.

OCEANOGRAPHY

(See listing under Department of Chemistry and Physics.)

(See listing under Department Languages and Literature.)

DEPARTMENT OF PHYSICAL EDUCATION

Professor Roy J. Sims, Head; Associate Professor Tapp; Assistant Professors Alexander, Bedwell, Kinder and Knorr; Instructor Sapp.

During the freshman year, all students should take Physical Education 117 (Basic Health) and 103 or 108 (Swimming). During the sophomore year, students may elect any three Physical Education activity courses with the last two numbers being between 01 to 09. Students unable to participate in the regular program should plan an alternate program with the Head of the Department of Physical Education. For other department regulations, see "Physical Education Program" under "Academic Regulations."

Physical Education majors are urged to complete their Core Curriculum requirements before entering their junior years.

DEGREE REQUIREMENTS

Bachelor of Science in Education Degree With a Major in Health, Physical and Recreation Education.

	<i>Quarter Hours</i>
A. Core Curriculum requirements	85
B. One of the three courses (Required of men):	2
P.E. 212—Coaching Football	2
P.E. 213—Coaching Basketball	2
P.E. 214—Coaching Baseball and Track	2
The following course (Required of women):	
P.E. 217—Theory and Techniques of Coaching and Officiating Team Sports for Women	2
C. Each of the following:	43
P.E. 211—Safety and First Aid	2
P.E. 215—Organization and Administration of Athletics	3
P.E. 216—History and Principles of Health, Physical and Recreation Education	5
*P.E. 305—Corrective Physical Education	3
P.E. 313—Kinesiology	3
P.E. 314—Skill Techniques	3
P.E. 315—Skill Techniques	2
*P.E. 316—Intramural and Recreational Activities <i>or</i> *P.E. 317—Community Play, Recreation, and Camp Counseling	5

P.E. 410—Philosophy of Physical Education	2
P.E. 412—Measurement and Evaluation in Health, Physical and Recreation Education	5
P.E. 413—Special Topics in Physical Education	5
P.E. 414—Organization and Administration of Physical Education	5
D. Twelve quarter hours of activity courses with the last two numbers being between 01 to 09. Four of the following must be included in the twelve; Physical Education 103 or equi- valent, 106, 205, and 207 or WSI (offered by the American Red Cross)	12
E. Approved Electives	17
Must include History 251 or 252 unless exempted by examination with credit awarded.	
F. Education	35
Education 203, 330, 443, 446, 447, 448	30
Psychology 301	5
	TOTAL194

*These courses are offered only at Savannah State College.

Course Offerings

PHYSICAL EDUCATION 101—Conditioning Course. (0-2-1). Fall.
Consists of calisthenics, stunts, tumbling, lifts and carries, road work,
dual combatives, and simple games.

PHYSICAL EDUCATION 102—Team Sports. (0-2-1). Winter.

Consists of two of the following sports: basketball, volleyball, softball.

PHYSICAL EDUCATION 103*—Elementary Swimming. (2-0-1). Fall,
Winter, Spring. (P.E. 202 or the American Red Cross WSI course may be
substituted for P.E. 103 or 108.)

Beginning swimming strokes, skills, and knowledge pertaining to safety
in, on, or about water. This course or its equivalent required of all students.

PHYSICAL EDUCATION 104—Bowling. (0-2-1). Fall, Winter, Spring.
Basic skills in bowling.

PHYSICAL EDUCATION 105—Badminton. (0-2-1). Fall, Winter,
Spring.

Basic skills in badminton.

PHYSICAL EDUCATION 106—Tumbling and Gymnastics. (0-2-1).
Fall.

Fundamentals and practice in elementary tumbling, side horse, parallel
bars, and trampoline. Required of Physical Education majors.

PHYSICAL EDUCATION 107—Trampoline. (0-2-1). Winter.

The teaching of the proper care and use of the trampoline. Under strict
supervision, the student learns to perform the following skills: seat drop,
knee drop, front drop, back drop, pull over, cradle, turntable, swivel hips,
spotting, and somersaults.

PHYSICAL EDUCATION 108*—Intermediate Swimming (0-2-1). Fall, Winter, Spring. (P.E. 202 or the American Red Cross WSI course may be substituted for P.E. 103 or 108.)

Five basic strokes, skills, endurance and knowledge pertaining to safety in, on, or about water. Required, if advised by Physical Education Department.

PHYSICAL EDUCATION 115—Officiating of Football. (2-2-2). Fall.

Consists of a study of rules, rules interpretation, and actual experience in officiating in class games, intramural games, approved community recreation games, and public school games. Elective credit. Students must have permission of the department head or course instructor to enroll.

PHYSICAL EDUCATION 116—Officiating of Basketball. (2-2-2). Winter.

Consists of a study of rules, rules interpretation, and actual experience in officiating in class games, intramural games, approved community recreation games, and public school games. Elective credit. Students must have permission of the department head or course instructor to enroll.

PHYSICAL EDUCATION 117—Basic Health. (2-0-2). Fall, Winter, Spring.

A basic course in health education with emphasis on personal health.

PHYSICAL EDUCATION 200—Handball and Paddleball. (0-2-1). Winter.

Basic instruction in handball and paddleball activities.

PHYSICAL EDUCATION 201—Elementary Tennis. (0-2-1). Fall, Winter, Spring.

Instruction in class organization and methods of teaching skill in tennis.

PHYSICAL EDUCATION 202—Advanced Life Saving Course in Swimming. (0-2-1). Spring.

The American Red Cross Senior Life Saving Course. (May be substituted for Physical Education 103 or 108.)

PHYSICAL EDUCATION 205—Folk, Square, Social Dancing. (0-2-1). Winter.

Instruction and practice in all forms of folk, square, and social dancing with emphasis on teaching techniques. Required of Physical Education majors. Equivalent course at Savannah State College: P.E. 302.

PHYSICAL EDUCATION 206—Beginning Modern Dance. (0-2-1). Winter.

Basic Interpretative Dancing.

PHYSICAL EDUCATION 207—Swimming Methods and Techniques. (0-2-1). Winter, Spring. Prerequisite: P.E. 108 or equivalent.

Methods and techniques of teaching beginning swimming skills. Required of majors not completing the Water Safety Instructor's Course (offered by the American Red Cross).

*Either P.E. 103 or P.E. 108 is required of all students. Students may register for the course for which they feel qualified without taking a swimming test. The instructor of that course will administer the swimming test, and any student enrolled in the improper course will be required to change to the proper course. Any student who holds a valid senior life-saving certificate and/or a valid water safety instructor's certificate and/or passes the Armstrong swimming test may be exempted from the required swimming courses.

PHYSICAL EDUCATION 208—Golf. (0-2-1). Fall, Winter, Spring.
Basic techniques and instruction for the beginning golfer.

PHYSICAL EDUCATION 209—Intermediate Modern Dance. (0-2-1).
Spring. Prerequisite: P.E. 206.

A continuation of Physical Education 206 with emphasis on dynamics,
composition, and choreography.

PHYSICAL EDUCATION 211—Safety and First Aid. (3-0-2). Fall,
Winter, Spring.

The American Red Cross Standard and Advanced course in First Aid.
Required of majors. Equivalent course at Savannah State College: H.Ed.
300.

PHYSICAL EDUCATION 212—Coaching Football. (3-0-2). Fall.

Instruction and practice in fundamental skills and team play, em-
phasizing methods and drills used by leading coaches. One of the coaching
courses is required of male majors. Equivalent course at Savannah State
College: P.E. 410 or 411.

PHYSICAL EDUCATION 213—Coaching Basketball. (3-0-2). Winter.

Instruction and practice in fundamental skills and team play, em-
phasizing methods and drills used by leading coaches. One of the coaching
courses is required of male majors. Equivalent course at Savannah State
College: P.E. 410 or 411.

PHYSICAL EDUCATION 214—Coaching Baseball and Track. (3-0-2).
Spring.

Instruction and practice in fundamental skills and team play, em-
phasizing methods and drills used by leading coaches. One of the coaching
courses is required of male majors. Equivalent course at Savannah State
College: P.E. 410 or 411.

PHYSICAL EDUCATION 215—Organization and Administration of
Athletics. (3-0-3). Spring.

A comprehensive study of theories of organization and administration of
athletics. Required of majors.

PHYSICAL EDUCATION 216—History and Principles of Health,
Physical and Recreation Education. (5-0-5). Winter, Spring.

Historical and scientific background of the practices in health and
physical education. Required of majors. Equivalent course at Savannah
State College: P.E. 235.

PHYSICAL EDUCATION 217—Theory and Techniques of Coaching
and Officiating Team Sports for Women. (3-0-2). Winter.

Instruction and practice in coaching and officiating women's team sports
such as: soccer, field hockey, basketball and volleyball. Required of women
majors.

PHYSICAL EDUCATION 218—Personal and Community Hygiene. (5-
0-5). Spring.

Principles of health with emphasis upon home, community, mental, and
personal health. Must be taken by the major in place of Physical Education
117. Equivalent course at Savannah State College: P.E. 235.

PHYSICAL EDUCATION 228—Structure and Function of the Human Body I. (3-4-5). Fall.

A study of the skeletal and muscle systems of the human body. Credit may not be applied toward the core natural science requirement. Required of majors. Equivalent course at Savannah State College: P.E. 304.

PHYSICAL EDUCATION 229—Structure and Function of the Human Body II. (3-4-5). Prerequisite: P.E. 228. Winter.

A continuation of P.E. 228 with emphasis on certain human organ systems such as circulatory, respiratory, nervous and digestive. Credit may not be applied toward the core natural science requirement. Required of majors. Equivalent course at Savannah State College: P.E. 301.

PHYSICAL EDUCATION 313—Kinesiology. (3-0-3). Spring. Prerequisite: P.E. 228.

The mechanics of muscles in action. Required of majors.

PHYSICAL EDUCATION 314—Skill Techniques. (3-0-3). Fall.

Practice in teaching methods and techniques in individual and dual sports such as: gymnastics, trampoline, badminton, tennis, golf. Required of majors. Prerequisite: the student must have completed courses in at least three of the sports listed or must have permission of the instructor to enroll.

PHYSICAL EDUCATION 315—Skill Techniques. (0-2-2). Fall, Winter, Spring. Prerequisite: P.E. 314.

Laboratory experiences consisting of assisting and teaching individual and dual sports such as: gymnastics, trampoline, badminton, tennis, golf. Required of majors. Majors only.

PHYSICAL EDUCATION 320—Health and Physical Education for the Elementary School Teacher. (3-2-5). Winter, Summer.

Theory and current practice in the teaching of health and physical education at the elementary school level. Designed to meet the requirement for elementary certification. Equivalent course at Savannah State College: P.E. 233.

PHYSICAL EDUCATION 410—Philosophy of Physical Education. (2-0-2). Fall. Prerequisite: P.E. 216.

Interpretation of physical education as a basic part of the living process. Required of majors.

PHYSICAL EDUCATION 412—Measurement and Evaluation in Health, Physical and Recreation Education. (5-0-5). Fall.

Lectures, laboratory and field experience in the development, evaluation and application of tests in health and physical education. Required of majors. Equivalent course at Savannah State College: P.E. 403.

PHYSICAL EDUCATION 413—Special Topics in Physical Education. (5-0-5). Fall, Winter, Spring. Prerequisite: Education 443.

Research methods in health and physical education. Allows students an opportunity for in-depth pursuit into areas of their interests. Open to majors only. Required of majors.

PHYSICAL EDUCATION 414—Organization and Administration of Physical Education. (5-0-5). Spring. Prerequisite: Education 443.

Practice and policies in establishing, administering, and evaluating physical education programs. Such experiences as curriculum planning, budgeting, intramural programs, physical plant planning, and selection,

care, and maintenance of equipment are included in this course. Open to majors only. Required of majors. Equivalent course at Savannah State College: P.E. 415.

PHYSICAL SCIENCE

(See listing under Department of Chemistry and Physics.)

PHYSICS

(See listing under Department of Chemistry and Physics.)

DEPARTMENT OF PSYCHOLOGY AND SOCIOLOGY

Professor C. Stewart Worthington, Head; Associate Professors Douglass, Lane; Assistant Professors Palefsky, Ralston, Satterfield, and O'Higgins; Instructors Brown and Denham.

Students are advised to complete as many of the general degree requirements as possible before entering their junior years. Psychology majors should take Psychology 101-102 before the end of their sophomore years. Social Work majors should take Social Work 101 and Sociology 201 before the end of their sophomore years. Suggested course distributions and annual schedules are available in the department office. All students are urged to seek advisement from their program directors with regard to degree requirements and scheduling.

Associate in Science in Mental Health Work

I. Major Field Requirements (35 hours)

All of the following:

Mental Health Work 101, 102, 201, 202,
203, 204, and 205

II. Related Fields (35 hours)

A. Psychology 101, 303 or 305, 405, 406

B. Sociology 201.

C. Social Work 309, 320, or Sociology 365

III. Core Curriculum Requirements (38 hours)

A. English 121, 122

B. Biology 101, 102

C. History 251 or 252*

D. Mathematics 101

E. Political Science 113*

F. Physical Education - 3 credits

*Bachelor of Arts in Psychology***

- I. Major Field Requirements (50 hours)
 - A. All of the following: Psychology 102, 308, 312, 410, 411, 412
 - B. Two of the following: Psychology 307, 309, 319
 - C. Two of the following: Psychology 303, 305, 311
- II. Related Fields (25 hours)
 - A. Biology 101, 102, or approved technical sequence (10 hours)
 - B. Foreign Language or Computer Programming (15 hours or equivalent competence)
 - C. Mathematics 220.
- III. Approved Electives (10 to 25 hours)

*Bachelor of Arts in Social Work***

- I. Major Field Requirements (50 hours)
 - A. All of the following: Social Work 250, 303, 320, 451-452 or 453, Sociology 350 or 360, Sociology 340***
 - B. Three of the following: Social Work 307 or Sociology 365***, Social Work 309 or 310, Social Work 406 or 410
- II. Related Fields (30 hours)
 - A. Psychology 101, 305 and Psychology 405 or 406
 - B. Mental Health 102
 - C. Sociology 315***
 - D. One of the following: Economics 201; Anthropology 201; Political Science 300, 304, 305; Psychology 303; Sociology 423
- III. Electives (20 hours)

*Bachelor of Arts in Psychology
With Mental Health Work Specialization***

- I. Psychology Courses (45 hours)
 - A. Psychology 102—Introduction to Psychological Research
 - Psychology 308—Learning & Motivation
 - Psychology 312—Measurement
 - Psychology 405—Behavior Disorders
 - Psychology 406—Behavior Modification
 - Psychology 410—History and Systems
 - Psychology 411 (or 412)—Senior Seminar

- B. Two of the following:
 - Psychology 307—Perception
 - Psychology 309—Physiological Psychology
 - Psychology 319—Animal Behavior

- II. Mental Health Courses (35 hours)**
 - Mental Health Work 101—Mental Health Problems
 - Mental Health Work 102—Behavior Assessment
 - Mental Health Work 201—Behavior Change
 - Mental Health Work 202—Clinical Agencies
 - Mental Health Work 203, 204, 205—Practicum

- III. Related Field Requirements (15 hours)
 - Mathematics 220
 - Approved Science Sequence

- IV. Electives (15 to 30 hours)
 - Psychology 303, 305, or 311
 - Sociology 201
 - Social Work 309, 320, or Sociology 365
 - Anthropology 201, 300

Program for Secondary School Teachers
of Social Science
(Behavioral Sciences)

	<i>Quarter Hours</i>
A. General Requirements	85
1. English 121, 122, 221 and one course selected from:	
Art 200, 290, 291; Music 200; Philosophy 201; English 222	20
2. Approved Mathematics Sequence and Mathematics 220 (Statistics)	15
3. Biology 101, 102	10
4. History 114*, 115*	10
5. Political Science 113*	5
6. Psychology 101, 102	10
7. History 251* or 252*	5
8. Additional Laboratory Science Sequence	10
B. Courses in Major Field	40
Psychology 303, 307, 308, 311, 312, 410, 411, 412	
C. Supporting Work	20
Anthropology 201 and Anthropology 300 or 450	10
Sociology 201 and Sociology 350 or 450	10

D. Electives (from the following)	5-10
Social Work 320	
Psychology 405, 406	
E. Physical Education	6
P.E. 103, 117	3
Three courses selected from:	3
P.E. 101, 102, 104, 105, 106,	
200, 201, 203, 205, 206, 207,	
208, 209	
F. Professional Sequence	35
Education 203, 330, 440, 446, 447, 448;	
Psychology 301	

TOTAL191-196

*These courses may be exempted by examination with credits awarded. See "Academic Regulations" and "Degree Programs" sections.

**Candidates for this degree should be familiar with general degree requirements as listed in the "Degree Programs" section.

***Offered only at Savannah State College.

Course Offerings

ANTHROPOLOGY

ANTHROPOLOGY 201—Man and His Culture. (5-0-5). Offered on Demand.

An introduction to the study of man as a cultural animal, the development of human societies from preliterate beginnings, the rise of complex social organizations with an outline study of the major cultures developed by man.

ANTHROPOLOGY 300—Paleoanthropology. (5-0-5). Prerequisite: Anthropology 201. Offered on Demand.

A survey of the data that illuminates the evolution of man. The major prehuman and human species, their ecology and cultures, will be discussed.

ANTHROPOLOGY 450—Independent Study. ((1-5)-0-(1-5)). By invitation of the professor. Offered on demand. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

MENTAL HEALTH WORK

MENTAL HEALTH WORK 101—Introduction to Mental Health Problems. (5-0-5).

Survey of mental health facilities and institutions. Survey of history of mental health movement. Description of services provided, clients served, and administrative structure with emphasis on mental health agencies in Georgia.

MENTAL HEALTH WORK 102—Foundations of Behavior Assessment. (5-0-5). Prerequisite: M.H.W. 101.

Objective observation is emphasized, accurate recording of behavioral observations; collection and use of interview data; introduction to case study methods; use of references in assessment.

MENTAL HEALTH WORK 201—Foundations of Behavioral Change. (5-0-5). Prerequisite: M.H.W. 101.

Survey of theories of personality and behavior changing techniques arising from them. Emphasis on learning theory and environmental influences. Introduction to research methodology.

MENTAL HEALTH WORK 202—General Principles in Clinical Agencies. (5-0-5). Prerequisite: M.H.W. 101.

Introduction to problems in establishing client-therapist relationships, interview techniques; introduction to problems of social, vocational and educational rehabilitation of ex-patients.

MENTAL HEALTH WORK 203-204-205—Practicum. (5 hours credit each course.) Prerequisites: M.H.W. 101 and ten additional hours of credit in Mental Health Work or approval by the instructor.

The student will work a minimum of 12 hours per week in a community agency for a period of three quarters under the supervision of a professional employed by the agency. The student will also attend a one hour seminar each week to discuss his agency experiences. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

PSYCHOLOGY

PSYCHOLOGY 101—General Psychology. (5-0-5). Offered each quarter.

An introduction to the vocabulary, concepts, and methods of the science of behavior. Discussion and demonstrations assist in surveying all the areas of psychology. Psychology 101 is prerequisite to all other courses in the department.

PSYCHOLOGY 102—Introduction to Psychological Research. (4-2-5). Prerequisite: Psychology 101. Spring and Fall.

An introduction to scientific methodology and its application to behavior analysis. Various techniques of data collection and the statistical analysis of such data are emphasized.

PSYCHOLOGY 301—Educational Psychology. (5-0-5). Prerequisite: Psychology 101. Fall and Winter.

The application of behavioral science to the problem of learning in the classroom. Primarily for teacher preparation.

PSYCHOLOGY 303—Social Psychology. (5-0-5). Prerequisite: Psychology 101. Fall.

The study of the behavior of others as determinants of the behavior of the individual. The cultural milieu and group pressures will be examined in terms of their effect on behavior.

PSYCHOLOGY 305—Developmental Psychology. (5-0-5). Prerequisite: Psychology 101. Winter and Spring.

A study of the origin and development of psychological processes. The effects of maturational, learning, and social variables on human behavior are examined.

PSYCHOLOGY 306—Psychology of the Sexes (5-0-5). Prerequisite: Psychology 101. Offered on Demand.

This course explores the behavioral differences of men and women, socio-cultural and environmental factors influencing behavior, female and male psychology including abnormal behavior patterns; and sexism in society's systems. Some attention will be given to the history of men's and women's roles in various segments of society.

PSYCHOLOGY 307—Perception. (4-2-5). Prerequisites: Psychology 101, 102. Fall.

An experimental-theoretical approach to the nature of perception. Special attention is given to the psychophysical methods.

PSYCHOLOGY 308—Learning and Motivation. (4-2-5). Prerequisites: Psychology 101, 102. Winter.

An examination of the methodology and theory associated with the various forms of learning and their motivational concomitants.

PSYCHOLOGY 309—Physiological Psychology. (4-2-5). Prerequisites: Psychology 101 and Biology 101, 102. Spring.

Introduction to the biological bases of behavior. The structure and function of the nervous system are studied and related to the behavior of humans and other organisms.

PSYCHOLOGY 311—Theories of Personality. (5-0-5). Prerequisite: Psychology 101. Spring.

A study of selected personality theories with emphasis on normal behavior. Attention will be given to both experimental and clinical data. The determinants of personality structure and the development of personality will be examined from divergent points of view.

PSYCHOLOGY 312—Measurement. (5-0-5). Prerequisite: Psychology 102. Fall.

An examination of the theory of measurement. Reliability and validity techniques are discussed, using current psychological tests as examples.

PSYCHOLOGY 319—Animal Behavior. (4-2-5). Prerequisites: Psychology 101, 102. Winter.

A study of the adaptations and behaviors with which living organisms cope effectively with their environment. The laboratory will provide experience in animal care, training, and experimentation.

PSYCHOLOGY 320—Industrial Psychology. (5-0-5). Prerequisite: Psychology 101. Spring.

The applications of psychology to the problems of industry. Primarily for business majors.

PSYCHOLOGY 405—Behavior Disorders. (5-0-5). Prerequisite: Psychology 101. Winter.

A study of deviant behavior, types of behavior disorders, and methods of behavior modification. Application of principles derived from basic research will be emphasized.

PSYCHOLOGY 406—Behavior Modification. (5-0-5). Prerequisite: Psychology 101. Spring.

A study of proven methods of generating behavioral change, their empirical foundations, and their applications in clinical, educational and social settings.

PSYCHOLOGY 410—History of Psychology. (5-0-5). Open only to psychology majors or by invitation of the professor. Fall.

A study of the basic ideas in psychology from early animism to modern behavioristics. Special attention is given to the philosophical basis at various times in the history of psychology.

PSYCHOLOGY 411—Senior Seminar. (5-0-5). Open only to senior psychology majors or by invitation of the professor. Winter.

A reading and discussion group which will concentrate on selected contemporary issues in psychology. Specific content will vary from year to year.

PSYCHOLOGY 412—Senior Seminar. (5-0-5). Open only to senior psychology majors or by invitation of the professor. Spring.

A reading and discussion group which will concentrate on selected contemporary issues in psychology. Specific content will vary from year to year.

PSYCHOLOGY 450—Independent Study. ((1-5)-0-(1-5)). Open only by invitation of the professor. Offered on demand. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

SOCIOLOGY

SOCIOLOGY 201—Introductory Sociology. (5-0-5). Offered each quarter.

An introduction to the concept and methods of the science of human group behavior. Includes the study of socialization, the role of the individual in society, and the major institutions and processes.

SOCIOLOGY 350—Social Problems. (5-0-5). Prerequisite: Sociology 201. Winter and Spring.

An examination of behavioral deviancy, normative strain, and differences between social ideals and social realities in the context of sociological theory.

SOCIOLOGY 360—Urban Society. (5-0-5). Prerequisite: Sociology 201. Offered on Demand.

A sociological examination of human ecology, norms, social control, and social processes (and their changing patterns) as they are seen in urban social life in both a historical and contemporary perspective.

SOCIOLOGY 450—Independent Study. ((1-5)-0-(1-5)). By invitation of the professor. Offered on demand. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

SOCIAL WORK

The degree program in Social Work is offered jointly by Savannah State College and by Armstrong State College, with coordination of the program shifting on a regular basis from one campus to the other. Courses are offered on the Armstrong State College campus, the Savannah State College Campus, and at an Off-Campus Field Center.

Course Offerings

SOCIAL WORK 250—Introduction to Human Services. (5-0-5). Offered each quarter.

A study of the origins and evolution of the American social welfare system, with emphasis on themes and patterns leading the present system and approach to services.

SOCIAL WORK 303—Interviewing Methods and Techniques. (4-2-5). Prerequisites: Social Work 250 and Sociology 201. Offered each quarter.

A course designed to develop and sharpen interpersonal communication skills of the generalist social worker. The student must learn to use these skills in a variety of roles including information gatherer, emotional supporter, teacher, care-giver, broker of services, and crisis intervenor, etc.

SOCIAL WORK 309—Group Process. (5-0-5). Prerequisites: Sociology 201 and Social Work 303. Offered each quarter.

A course which utilizes the group experience periodically documented by tape recorder, video tape, and subjective perceptual comparison. It is designed to analyze behavior patterns, roles, and interactions which occur within a group and to develop self-awareness. Family and group treatment situations are role played and demonstrated to relate group process to professional skills needed by the practitioner. Enrollment limited to students in the applied behavioral sciences.

SOCIAL WORK 310—Community Social Planning and Organization. (4-2-5). Prerequisites: Sociology 201 and Social Work 250.

This course is a socio-political study of community development, power, leadership and change as it relates to basic human and social needs. The focus of this course is on the way a community identifies its needs, plans for its treatment and then implements programs. It covers strategies for delivery of services to the less fortunate urban citizens. The network of human services and agencies, whether public or private, is analyzed.

SOCIAL WORK 312—Social Work in a Rural Setting. (5-0-5). Prerequisites: Social Work 303.

This course examines rural area social structure, needs, and services. The course includes systematic study of values and norms; history and development, economic base, and potential resources. State and federal policy and funding are analyzed for impact for social services. The emphasis is placed upon the unique problems of people in rural areas and social work strategies to serve them.

SOCIAL WORK 320—Ethnic Minorities. (5-0-5). Prerequisites: Social Work 250 or Sociology 201.

This course deals with the present and factual situation of minority groups in America. It will cover problems, causes, agencies, advocates, goals, and alternatives available to minority groups. Emphasis is on the Black American with proportionate attention given to the Chinese American, Chicano, native American and other sizeable minorities.

SOCIAL WORK 370—Community Service Learning Experience. (5 hours credit). Offered on Demand. Prerequisites: Sociology 201 and Social Work 250, plus approval of instructor.

This is an early opportunity for the student to experience approximately 8 clock hours per week in a human service agency or setting. It is designed to help the student and social work faculty evaluate the student's interest and suitability to social work as a career. An oral exam by faculty and an agency professional is recommended for terminal evaluation.

SOCIAL WORK 385—Social Policy and Administration. (5-0-5). Prerequisite: Social Work 303.

This course is designed to help students understand the process of social change via bureaucratic structure and the corresponding need for accountability. Given the limitations of staff and funding, students will be taught systems of priority setting and methods of efficiency which will enhance effective and humane service to clients.

SOCIAL WORK 406—Child Welfare. (4-2-5). Prerequisites: Social Work 250 and 303.

This course reviews child development and behavior with an emphasis on the practical application of understanding the psycho-social, mental and physical development of children. The environmental and family situation is studied and related to the child's development or lack thereof. Actual work with children, identified as needing tutorial help, behavioral correction, emotional support or environmental change, is expected of each student participating. The emphasis is on the disadvantaged child who is most subject to these problems.

SOCIAL WORK 410—Human Services to the Elderly. (5-0-5). Fall and Spring. Prerequisite: Social Work 303.

A course designed for students going into public or private agencies serving the elderly. Emphasis will be placed on the social, economic, and health needs of the elderly with attention to delivery systems that work. New knowledge, research, and actual projects will be studied where practicable.

SOCIAL WORK 430—Alcohol and Drug Studies. (5-0-5). Winter. Prerequisite: Social Work 303.

A course focusing on the various forms of alcohol and drug use with an emphasis on the stages of harmful dependence and addiction. There will be an examination of the legal and social implications of addiction, as well as approaches to treatment and rehabilitation.

SOCIAL WORK 451-452—Field Experience. (Option 1). (7-8 credit hours respectively.)

A student experience in the delivery of human services to increase his knowledge and ability under professional supervision. Each student will work in an agency setting the equivalent of 20 hours per week through exam week. There will be a weekly meeting with the Field Work Co-ordinator. For senior social work students only. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

SOCIAL WORK 453—Field Experience Block. (Option 2). (Taken as an alternative to Social Work 451-452.) (15 credit hours).

A student experience in the delivery of human services to increase his knowledge and ability under professional supervision. Each student will work in an agency setting the equivalent of 40 hours per week through exam week. There will be a weekly meeting with the Field Work Co-ordinator. For senior social work students only. Open to transient students only with permission of the Dean of the College at Armstrong and of the college from which the student comes.

SOCIAL WORK 475—Senior Seminar. (5-0-5). Spring.

Social work, as a human service profession, directs its attention to any social problem which is amenable to treatment and prevention. The seminar will be geared to recent changes in the structure, function, process, and goals of the human service delivery system and the underlying reasons for these changes.

SOCIAL WORK 490—Independent Study. (1-5)-0-(1-5). Invitation of professor.

Experiential based study of a selected social work topic. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

SOCIAL WORK 491—Independent Study. (1-5)-0-(1-5). Invitation of professor.

Research and experiential based study in social work topic of student interest or specialty. Open to transient students only with permission of the Dean of the College at Armstrong and the college from which the student comes.

SPANISH

(See listing under Department of Languages and Literature.)

SPECIAL EDUCATION (Speech Correction)

(See listing under Department of Education.)

SPEECH

(See listing under Department of Languages and Literature.)

ZOOLOGY

(See listing under Department of Biology.)



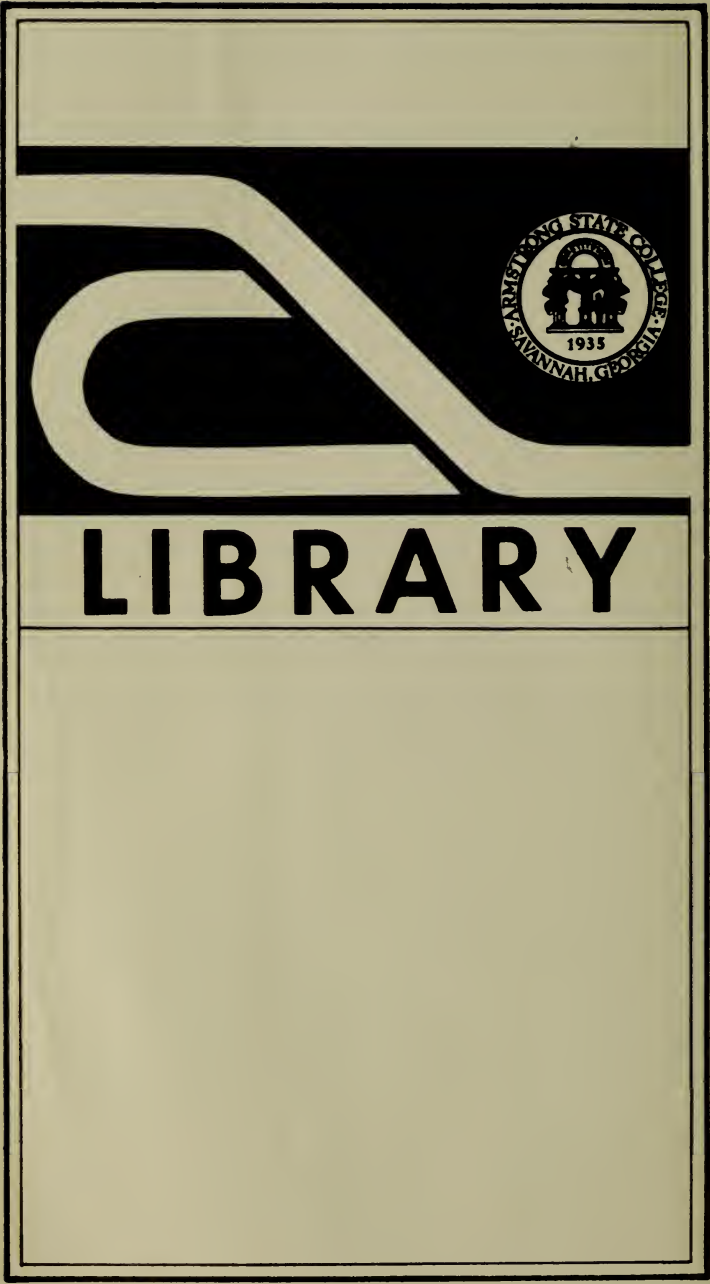
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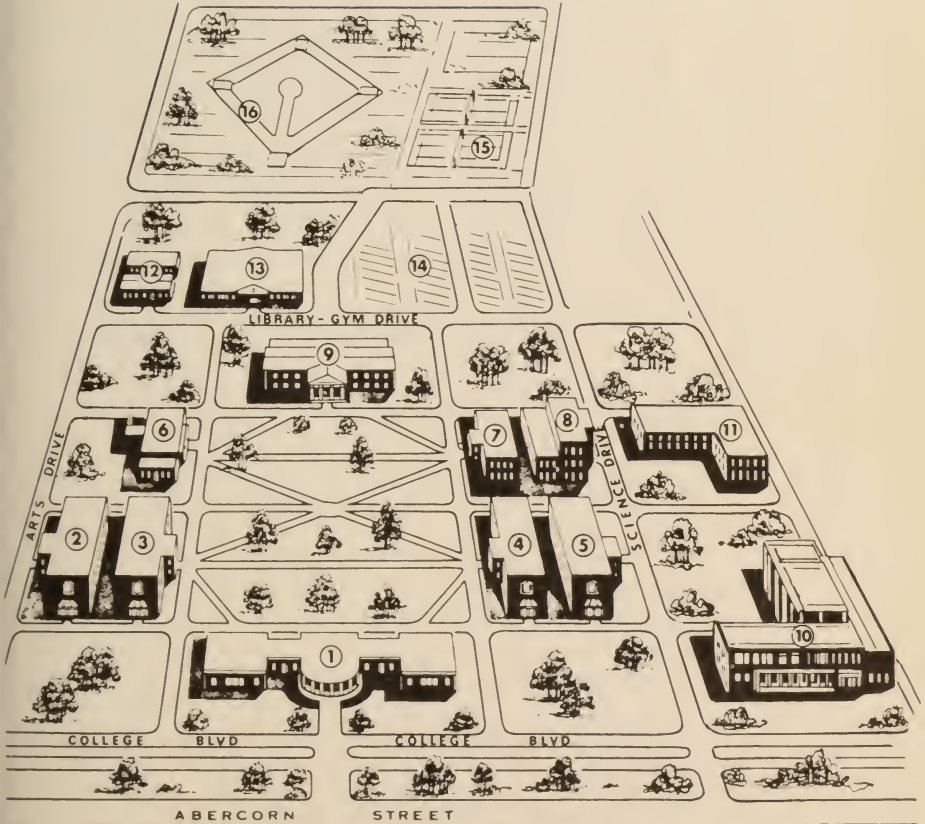


LIBRARY

Cost \$10,580

Quantity 10,000

1. Administration Building
2. Victor Hall
3. Gamble Hall
4. Science Hall
5. Solms Hall
6. Jenkins Hall
7. Student Services
8. Memorial College Center
9. Lane Library
10. Fine Arts Building
11. Health Professions Education Center
(approved for construction)
12. Maintenance Building
13. Gymnasium and Pool
14. Parking Area
15. Tennis Courts
16. Baseball and Intramural Field



ARMSTRONG STATE COLLEGE CAMPUS





