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Southern University and A & M College April Summer School Issue 1943 Catalog

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VOL. 29

APRIL, 1943

NO. 3

BULLETIN

SOUTHERN UNIVERSITY

AND

AGRICULTURAL AND MECHANICAL
COLLEGE



SUMMER SCHOOL ISSUE

Published Quarterly by Southern University and A. & M. College
Scotlandville, Louisiana

Entered as Second Class Matter July 17, 1941 at the Post Office at Scotlandville,
La., under the Act of August 24, 1912

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SUMMER CALENDAR, 1943

Registration, in the Gymnasium, 8:00 a.m. to 12:00, and 2:00 to 5:00 p.m.	Monday,	May 31
Regular Classwork begins. Late Registration.	Tuesday,	June 1
Registration ends. No refund is made to tuition or fees nor is registration for credit permitted after this date.	Friday,	June 12
Summer Session ends.	Saturday,	August 21

SOUTHERN UNIVERSITY

5

SPECIAL WORK SHOP COURSE

REMEDIAL READING AND METHODS

SPECIAL FEATURES:—

1. Lectures
2. Seminars
3. Conferences
4. Demonstrations of actual teaching situations on all levels and subjects.
5. Demonstration of latest device for determining eye deficiencies which cause difficulties in Reading.
6. Laboratory experiences in the development of Reading Units and individual problems.

Course designed for both Elementary and Secondary School Principals, Supervisors, and Teachers.

OTHER SPECIAL FEATURES OF THE 1943 SESSION

Attention is called to the following special Summer Session features of Southern University for 1943:

AGRICULTURE—pp. 16, 17

Production and Handling of Home Milk Supply
Care of the Small Poultry Flock
Home and School Gardening

EDUCATION—pp. 19-21

Reading Materials and Methods
Observation and Directed Teaching
Principles and Techniques of Teaching Elementary School

BUSINESS EDUCATION—pp. 20, 21

Pre-Induction Typewriting
Refresher Course in Gregg Shorthand

LIBERAL ARTS

Aircraft Mathematics—p. 29
Geography of Continents—p. 25
Latin American History—p. 26
The Teaching of Public School Mathematics—p. 29
Seminar on Chemical Warfare—p. 18

HOME ECONOMICS—pp. 26, 27

Experimental Cookery
Home Nursing
Child Care and Protection

LIBRARY SERVICE (*Eighteen semester hours available*)
—pp. 27, 28**MECHANICS ARTS**—p. 33

Photography and Engraving

MUSIC—p. 32

School Music Problems for Inservice Teachers
Music Methods for Public School

PHYSICAL EDUCATION—pp. 33, 34

Health Teaching
Personal and Community Hygiene
First Aid

STATE BOARD OF EDUCATION

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Stazzie M. Hudson, B.S.	Supervisor, Boarding Club
Burnette A. Little, B.S.	Auditor

General Information

HISTORICAL STATEMENT

In 1879, Honorable P. B. S. Pinchback, Honorable T. T. Allain, and Honorable Henry Dumas stood as sponsors of the movement in the Constitutional Convention of the State of Louisiana which resulted in the establishment of an institution in the City of New Orleans for the education of persons of color to be entitled Southern University, which was chartered by the General Assembly of the State of Louisiana in the City of New Orleans, January, 1880.

In 1886, the State Legislature appropriated \$14,000.00 for the purchase of grounds and erection of building to be located at Magazine and Soniat Streets, New Orleans. Under Federal Acts of 1880 and 1907, known as the Morrill-Nelson Acts, the institution was re-organized by the Federal Government as a Land-Grant College offering definite training in agricultural and mechanical education. In 1914, under Act 118 of the General Assembly, the institution was re-named, Southern University and Agricultural and Mechanical College, and was removed from New Orleans to its present site.

LOCATION

Southern University is located at Scotlandville, five miles north of Baton Rouge. It is easily accessible being near the intersection of the Louisiana and Arkansas and the Yazoo and Mississippi Valley railroads. The college is situated upon a bluff overlooking the Mississippi river, and for natural beauty and climatic conditions is not excelled in the entire Southland. The post office in Scotlandville gives special service to the institution and complete telephone and telegraph service via Baton Rouge is afforded.

CAMPUS AND EQUIPMENT

The grounds of Southern University consist of a tract of 523 acres. The central campus consists of about 70 acres. The campus is planted with trees, hedges and flower gardens which make it especially attractive.

The equipment for the summer session includes the entire plant of the college consisting of the library, laboratories, shops, farms, orchards, live stock, and experimental plots. The equipment for work in agriculture, farm engineering, home economics, industrial arts and sciences, manual training and related subjects is in keeping with the resources of the college.

THE LIBRARY

In the library, special attention has been given to books of reference for courses offered. It contains about 25,000 accessioned volumes exclusive of public documents. The books are well chosen to meet the reading needs of students of all departments, and plans are being formulated whereby the collection may be constantly improved by addition and elimination.

RATING OF THE SCHOOL

Southern University, the State college for Negroes, is a standard four-year college offering varied curricula leading toward the Bachelor of Arts and Bachelor of Science degrees. It is accredited as a Class "A" college by the Louisiana State Department of Education and by the Southern Association of Colleges and Secondary Schools. Such accreditation should warrant the admission, without examination, of its graduates to the graduate division of any standard university requiring the Bachelor's degree for admission.

PURPOSE OF THE SUMMER SESSION

The summer session of Southern University which is supported and authorized by the State Board of Education of Louisiana is a regular division of the college and is planned to afford an opportunity for students to shorten the period required for diplomas, degrees and certificates; to encourage and assist teachers in service to keep abreast of the rapid progress being made in the professional field of education to enable teachers to renew certificates as required by the State Board of Education; and otherwise to advance the teaching profession in whatever ways the institution may cooperate.

SUMMER FACULTY

The faculty for the summer session is composed, for the most part of persons who belong to the regular staff. These men and women are prepared to give thorough training in the fields which they

represent, having been trained in the best universities of the country. In addition, special teachers and lecturers will form a part of the summer session faculty.

EXTENT OF INSTRUCTION

The courses offered in the summer session are of the same calibre and scope as those of the regular session. No differentiation is made between credit for the summer courses and credit for the regular session.

Any course listed in the 1941-42 regular session catalog will be offered upon request of ten or more students.

SPECIAL COURSES

In cooperation with the State Department of Education, special courses are being offered for teachers holding "T" certificates, teacher-librarians, high and large elementary school teachers.

Also, will be offered in the following fields, courses which relate to the war effort and training for the war effort: Agriculture, Business Education, Home Economics, Mechanic Arts, Music, and Physical Education.

HOUSING ACCOMMODATIONS

Adequate dormitory facilities are provided for men and women who live out of town. The dormitories are modern in construction and equipment and are centrally located which make comfort and convenience possible to students who reside on the campus. Each room is furnished with dressers, chairs, study table, single beds and mattresses. Students must supply their own sheets, pillow case, bed coverings, towels and any other toilet accessories.

CREDIT TOWARD STATE CERTIFICATION

College courses, when completed and properly certified, are accepted by the State Department of Public Education toward State certificates under the Louisiana School Law and State Board requirements, subject to such regulations as are in effect in that department, governing grants of certificates. Information concerning the requirements for state certificates may be obtained at the office of the Registrar, Academic Building.

EXPENSES

Entrance fee	\$7.00
This fee covers laboratory dues, infirmary services, use of the library, admission to lectures, concerts, and other lyceum numbers.	
Room and laundry for twelve weeks.....	12.00
Late entrance fee	1.00

Each resident of a university dormitory must purchase a meal book, price of which is \$7.50, at registration. Meals in University cafeteria cost, on the average, from \$3.50 to \$4.00 per week.

General Regulations

ADMISSION TO COLLEGE

The requirement for admission to courses leading to a degree or diploma is the satisfactory completion of an approved high school course with minimum of 15 units properly distributed. A unit in any subject represents a year of study consisting approximately of a quarter of a full year's work in a high school. The four-year high school course is taken as a basis, and it is assumed to be not less than thirty-two weeks in length; that a recitation is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week.

Graduates of non-accredited high schools, teachers of experience and mature applicants who cannot offer 15 units from an accredited high school, may be admitted to college courses upon successfully passing college entrance examinations.

Of the 15 units required for entrance, six are prescribed as follows:

English	3
Mathematics	1
History	1
Science	1

Persons who cannot meet the college entrance requirements will not be given collegiate credit for any courses taken during the summer session. Each person seeking a teacher's certificate or an extension or renewal of certificate should file with the registrar before the time of registration a complete transcript of his high school record. This will avoid unnecessary delay in reporting of grades at the close of the summer session to students, and to the State Department of Education for certification purposes.

Transcripts of records must be sent directly to the registrar of the college by the principal or registrar of the school last attended. In no other way will they be accepted, and recognized as official.

CREDIT FOR WORK DONE IN OTHER COLLEGES

College credit which students wish to offer for advanced standing will be accepted from colleges that were accredited at the time of the applicant's attendance by the standardizing agency for the territory in which the institution is located. Such credit may be allowed without discount provided that the courses were passed with a grade of "C" or above, and that they are conducted in fulfilling requirements for a degree in Southern University. In no case, however, will any request for work done elsewhere be considered unless presented during the first summer of attendance.

REGISTRATION

Summer School students should present themselves for registration on the day set aside for that purpose, which is Monday, May 31. In registering, the students will follow directions given at the Registrar's office, (located in Gymnasium, Monday, only), and will be expected to pay all fees before completing registration.

Inasmuch as registration on the designated day is vital to the successful working of any system of registration, the following regulations will be rigidly enforced during the summer session:

1. Any student who registers after Monday, May 31, will be charged a late registration fee of \$1.00 and then may not be permitted to carry a full schedule during the summer session.
2. No student will be given credit for any course taken in which he has not properly enrolled in the Registrar's Office.
3. No student will be given credit for any course taken unless notice of enrollment has been sent to the instructor from the Registrar.
4. Under no circumstances is part credit given for part-time attendance or for partial completion of a course.

CHANGE IN REGISTRATION

Registration may be changed within the first five days of the Summer Session. A course dropped with the permission of the Director of the Summer Session within the first three days will not be included in the registration for the session. A course dropped without permission or after the first five days of the session shall be recorded with a failing grade.

When a student desires to drop or add a course or change from one section of a course to another, he should secure from the Registrar a card especially made for the change. He should then secure the permission for the change from the Director and file the card properly filled, with the Registrar. The penalty for violation of the above regulation is the assignment of the grade "E", failure, in that course.

CLASSIFICATION

Applicants will be classified on the basis of satisfactory records. Classification is absolutely necessary. All persons working for degrees or diplomas will pursue studies on the college level based upon satisfactorily meeting entrance requirements. Each applicant not already classified in the Summer Session must have sent to the Registrar of the College a transcript of the credits already earned. These should be properly signed and forwarded by the school in which earned. There can be no definite and permanent classification until such a transcript is received.

BASIS OF CLASSIFICATION

Freshman classification is assigned to those students who present 15 high school units, properly distributed and have not acquired as many as 30 semester hours of college credit. Students who present 15 high school units, but who fail to meet specific entrance requirements in one subject, are classified as conditioned freshmen. Any condition must be removed before the student is given sophomore standing.

Sophomore standing is given to those students who have no entrance condition and have earned at least 30 semester hours of college credit.

Junior classification is given those students who have earned at least 60 semester hours of college credit.

Senior classification is given those students who have earned at least 90 semester hours of college credit.

AMOUNT OF CREDIT

During the Summer Session each course is organized so as to cover in twelve weeks, all the material which the corresponding course covers in eighteen weeks during the regular session. This is accomplished through intensive measures such as daily class meetings, double class periods, and carefully checked reports on extensive outside reading. A summer school student is therefore, permitted to carry only four courses or the equivalent.

During the Summer Session, lecture courses yielding three semester hours of credit shall meet five times per week; those yielding two semester hours of credit shall meet three times per week; and those yielding one semester hour of credit twice per week.

EXTENSION CREDITS ALLOWED

Students may apply toward the bachelor's degree a maximum more than six semester hours will be accepted for courses pursued in extension or correspondence schools during any one academic year; and while in residence, a student shall under no circumstances be allowed to take extension or correspondence nor register in any other institution.

By extension courses or correspondence study is meant the pursuing of courses of study outside of regular residence at the college.

UNIT OF CREDIT

The unit of credit used by the college is the semester hour, which signifies one recitation per week for a term of eighteen weeks, or the equivalent in laboratory or shop practice, and pre-supposes an average of two hours of outside preparation for each recitation.

Students are graded in their courses by letters; and grade points per credit hour are assigned according to the quality of work done as follows:

SYSTEM OF GRADING

A—Exceptional scholarship	3
B—Distinctly above average	2
C—Average quality	1
D—Barely passing (Lowest passing grade)	0
E—Failure	0
I—Incomplete	0
W—Withdrew officially	0

Credit for any course in which a student has received a grade of "E" can be obtained only by repeating the course in class when next offered.

"Incomplete" grades must be removed by the end of the first six weeks of the following term if the student is in residence; or within one year if the student is not in residence; otherwise, the grade will automatically revert to "E" failure.

REQUIREMENTS FOR DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Courses for the degree, Bachelor of Arts or Bachelor of Science extend over a period of four years. One hundred and twenty-eight semester hours distributed in prescribed and elective courses and a minimum of 144 quality points are required for graduation. The average number of hours needed each semester is approximately sixteen.

RESIDENT REQUIREMENTS

A minimum residence of one continuous school year of thirty-six weeks immediately preceding graduation is required of all applicants for any degree or diploma. The applicant must have registered in the college during his senior year, and earned in residence the last 30 semester hours. This requirement cannot be satisfied by attendance at extension school alone. Records from extension schools will be considered a part of the work which may be done out of residence. The resident requirement may be met by attendance at three consecutive summer school sessions.

CHANGE OF CURRICULA

Students changing from one curriculum to another as, for instance, from the curriculum leading to preparation for teaching in the elementary school to one leading to agriculture or teaching in the high school should expect to lose a portion of the credits previously earned. Transfers of credits may be made for those courses which are common to both curricula or for those courses which may be elective or both. The amount of loss will necessarily depend upon the extent to which the original curriculum has been pursued. However, no change of curricula may be made later than the beginning of the senior year.

Description of Courses

AGRICULTURE

AGRICULTURAL BIOLOGICAL SCIENCES

- 311—*General Bacteriology*—The course includes the morphology, classification, physiology and cultivation of bacteria; relation of bacteria to health of man, animal, and plants. CREDIT, 3 HOURS.
- 332—*Plant Physiology*—In this course emphasis is to be placed upon principles of absorption, conduction, transpiration, etc. CREDIT, 2 HOURS.

ANIMAL HUSBANDRY

- 212—*Principles of Dairying*—This course deals with testing milk and products, care and uses of milk, making of butter, ice cream, and soft cheese. CREDIT, 3 HOURS.
- 310—*Production and Handling of Home Milk Supply*—This course covers a study of how to care for the family milk cow, proper methods of milking and handling of milk in the home will be stressed. CREDIT, 2 HOURS.
- 320—*Care of the Small Poultry Flock*—This course covers the principles and practices involved in the raising of small flocks of birds, selection of eggs for setting, natural incubation, buying baby chicks, brooding, feeding, prevention of parasites and diseases. CREDIT, 3 HOURS.
- 321—*Poultry Production*—This course includes a study of types and breeds together with feeding, care, and management of the poultry flocks. CREDIT, 3 HOURS.

AGRICULTURAL ECONOMICS

- 410—*National Agricultural Policies*—This course will include a study

of the agricultural programs in effect and especially those programs since the second post-war depression. CREDIT, 2 HOURS.

- 412—*Consumer Economics*—CREDIT, 3 HOURS. See *HOME ECONOMICS* for description.

- 421—*Marketing Farm Commodities*—Special attention will be given to the orderly marketing practices for both major and minor cash farm products in Louisiana. This course affords actual experiences in collecting data on the practicable activities now operating in the marketing system of Louisiana and the nation. CREDIT, 2 HOURS.

AGRICULTURAL ENGINEERING

- 211—*Farm Shop*—Care and use of tools, simple mechanical drawing, construction and repair of farm buildings, harness repair, rope splicing, belt lacing, glazing and construction, forge and welding of iron and steel, making and hardening small tools, pipe fitting, soldering, and general repair of farm machinery. CREDIT, 4 HOURS.
- 432—*Farm Shop Methods*—Organizing and teaching farm shop as related to rural conditions with practical laboratory applications. CREDIT, 2 HOURS.

HORTICULTURE

- 411—*Home, School and Farm Beautification*—This course includes a study of trees, shrubs, and other plants for home, school, and farm beautification; laying out walks and drives; grading home and school farm as well as planting trees, shrubs and other plants and flower seeds. CREDIT, 2 HOURS.
- 212—*Preservation of Fruits and Vegetables*—A study of the equipment, recipes, and direction for the preservation of fruits and vegetables. CREDIT, 2 HOURS.
- 300—*Home and School Gardening*—This course will include a study of the important vegetable crop plants adapted to the southern region, garden arrangement and planting, soil preparation and fertilization, culture of specific plants, and harvesting crops. Some time will be devoted to a study of the methods of insect and disease control. CREDIT, 2 HOURS.

ART

- 111, 122—*Public School Art*—This is a thorough study of general art. Its primary objective is to supply the student with the necessary knowledge, technique and skills in preparation for the teaching of Public School Art in the elementary grades. CREDIT, 3 HOURS PER COURSE.
- 110—*Commercial Art*—Attention is here given to art as it is related to the business world. The various units of commercial art including drawing, lettering, advertising, decorating, etc., with emphasis on structure, rhythm, proportion, style, posing and special efforts are here presented. All popular materials are used. CREDIT, 3 HOURS.

BIOLOGY

- 111—*General Zoology*—Animal biology; structure, function, inter-relations, origin and development of animal life. CREDIT, 4 HOURS.
- 112—*General Botany*—Structure and relations or representative organisms of each of the major divisions of the plant kingdom. CREDIT, 4 HOURS.
- 211—*General Bacteriology*—CREDIT, 3 HOURS. See Agricultural Biology 311 for description.
- 110—*Elements of Physiology*—Normal physiological functions of the various organs of the human body; course in qualitative analysis. Special attention is given to causes of impaired functions. CREDIT, 3 HOURS.
- 212—*Genetics—Elementary Principles*—Elementary principles of heredity and their general bearing on plant and animal breeding and related biological problems. Prerequisites: Biology 111, 112. CREDIT, 2 HOURS.

CHEMISTRY

- 131, 142—*General Inorganic Chemistry and Qualitative Analysis*—For students who have had one year of high school chemistry of its equivalent, stress is placed more on the mathemat-

cal development of the fundamental laws and theories. The last part of the second semester is devoted to an introductory method of preparation, properties, and uses of the more important compounds and elements. The work is carried forward by means of classroom discussion, formal lectures, written reports and short essay on important assigned topics. Prerequisites: One year of high school chemistry or its equivalent; some type of high school mathematics. CREDIT, 4 HOURS. Chemistry CREDIT, 4 HOURS.

- 151—*Fundamental Principles of Chemistry*—This course is primarily planned for Home Economics students. It is a combination introduction to inorganic, organic and physiological chemistry, and is devoted to the study of inorganic and organic chemistry. CREDIT, 4 HOURS.
- 200—*Seminar on Chemical Warfare*—A course designed to acquaint civilians with the practical aspects of Chemical Warfare, with special emphasis of war gases and bombs. Prerequisite: A year of college chemistry or consent of instructor. CREDIT, 3 SEMESTER HOURS.
- 162—*Physiological and Food Chemistry*—Follows Chemistry 151 and deals primarily with the principles of physiological and nutritional chemistry. Chemistry 370 is recommended as a follow-up or concurrent course. CREDIT, 4 HOURS.
- 330—*Chemistry of Soils and Plant-Life*—This course is planned as an elective for students in Agriculture. It requires Chemistry 142 as a prerequisite. The work covers the Chemistry of Soil development and an introductory study of the chemistry of the vital process of plants. The course also considers in a large way Soil Science and general Plant Nutrition. CREDIT, 3 HOURS.

ECONOMICS

- 311, 322—*Principles of Economics*—The course deals with the influences which determine price, rural credit and the factors which determine wages, interest, rent and profits. The second half of the course deals largely with the labor movement and its problems. CREDIT, 3 HOURS EACH.

EDUCATION

It is suggested that persons who desire to have certificates raised or renewed enroll in one or more of the following

courses:

Education 210, 211, 321, 332, 411, 421SX, 431SX.

- 210—*Introduction to Education*—Course designed to give the student an overview of the aims, organizations, and procedures of education; and to give information regarding the opportunities and requirement in education as a profession.
- 222—*Child Psychology*—Emphasis is placed upon the general analysis of infant behavior, motor development, motivation, language, thinking, work, and play.
- 321—*Principles of Secondary Education*—This course is planned to give a broad, comprehensive understanding of the field of Secondary Education. Effort is made to interpret these backgrounds and practices in other countries, but greater emphasis is put on the aims, purposes, issues, and functions of Secondary Education. Effort is made to interpret these aims, functions, etc., in relation to other educational units as well as in the light of present day social and economic needs. CREDIT, 3 HOURS.
- 332—*High School Methods*—Designed to acquaint prospective high school teachers in a practical manner with teaching procedures, materials, and devices generally applicable in high school instruction. The objectives of the rural high school, classroom management and discipline, selection and organization of subject-matter, motivation, economy in directing various types of learning and measuring the results of learning are some of the main topics treated. At least two hours a week must be spent in observation of high school classes at the laboratory school. Prerequisite: *Educational Psychology*. CREDIT, 3 HOURS.
- 211—*Educational Psychology*—A course dealing with the learning process as it functions in the various aspects of school organization and instructional procedure. An overview of the field of psychology and the nervous system as given. Special emphasis, however, is placed upon the general characteristics of learning, conditions favorable and unfavorable to learning, the types of learning and the laws which operate for economy in learning. CREDIT, 3 HOURS.
- 232—*Adolescent Psychology*—Considers the psychological basis of the behavior of adolescents, with emphasis on problems arising out of the social environment with a view to introducing prospective teachers, supervisors and administrators to the nature of secondary school pupils. A thorough study

is made of the physical, mental and moral nature of adolescents, especially as it affects school procedures. CREDIT, 3 HOURS.

- 411—*Principles of Education*—This course attempts to evolve a simple, pragmatic theory of education based on the backgrounds of sociology, psychology and philosophy. Some time is devoted to a survey of the large movements in the history of education which lead up to present-day practices and procedures the evaluation of which considerable time is given. CREDIT, 3 HOURS.
- 341—*Reading Materials and Methods*—Course designed to help students understand the importance of reading in our educational set-up and to give the information needed and the techniques used in teaching reading in the elementary school. CREDIT, 3 HOURS.
- 410—*Elementary Statistics*—Course designed to give teachers a working knowledge of the fundamental concept and the techniques used in objective measurements. CREDIT, 3 HOURS.
- 420—*Tests and Measures*—Course designed to develop the general concept of the value and use of measurements. Topics treated will include function of examinations, kinds of examinations, characteristics of good examinations, advantages and disadvantages of various types, test construction, interpretation of test scores, group and standardized tests. CREDIT, 3 HOURS.
- 430—*Directed Teaching in Elementary School*—Students selected for course are given teaching assignments in the campus Demonstration School. Objectives, units and daily lesson outlines are worked out and used under careful supervision and in situations similar to those of well ordered school systems. (Courses open only to senior.) Prerequisites:
1. Passing of standardized tests in reading and grammar by all candidates.
 2. Passing of objective or comprehensive tests in Grammar, Geography, Children's Literature, and History Civics. CREDIT, 6 HOURS.
- 440—*Directed Teaching in Secondary School*—Student teaching in the campus Demonstration School under careful supervision. (Open only to seniors.) Prerequisites:
1. Passing of standardized tests in reading and grammar.
 2. Passing of objective or comprehensive tests in major or minor field. CREDIT, 6 HOURS.

SPECIAL

411SX—*Administration and Supervision of the Small High School*—This course will treat the special problems met in the administration and supervision of small high schools. Problems will be selected from a list supplied by state agents, superintendents, supervisors and principals of the State. An attempt will be made to select topics for study which will remove weak points in the principals' previous training. Each principal will be required to work out a *plan of action* for the betterment of his school program. CREDIT, 3 HOURS.

421SX—*Principles and Techniques of Teaching Elementary School Subjects*—The course is offered for principals and prospective principals in the belief that it is necessary for them to be familiar with modern methods and acceptable practices in teaching the fundamental subjects in order for them to be able to assist teachers in the improvement of instruction. CREDIT, 3 HOURS.

431SX—*Curriculum Development*—Selected high school principals and teachers as well as elementary school principals and the group will be given training and information that will prepare them for continued participation as leaders in the preparation of courses of study in teaching the fundamental subjects in order for them to be familiar with modern methods and acceptable practices, guides and handbooks.

BUSINESS EDUCATION

As a means of aiding National Defense, in providing stenographers, typists, secretaries, and general clerks, the Division of Business Education is offering certain specialized courses in addition to regular session courses. Supplemented with additional work, they may be considered for the Bachelor of Science degree in Business Education. Although some of the regular session courses are of advance standing, by special arrangement, they can be taken by first-year students desiring to begin their college course during the summer session.

211,222 *Accounting*—Elementary principles of record keeping will be presented. Laboratory problems of sufficient variety and a practice set of books will be used to apply theory presented in lectures. Accuracy and neatness in keeping books and records will also be stressed with special emphasis being placed on Negro business, and actual business problems

will form a basic part of work. Credit, 4 Hours.

211, 222—*Typewriting*—This course provides a thorough mastery of the typewriter, the arrangement of typewritten matter, and the acquisition of speed. Special attention will be given to rough drafts, letters, manuscripts, documents, and other legal forms. Full credit requires that a student type at the rate of forty words per minute for fifteen consecutive minutes. Daily attendance. Credit, 4 Hours.

233—*Pre-induction Typewriting*—Designed primary for men who are to be entrusted with Army and Navy correspondence. Its main purpose is to develop the necessary skill in typing military records and messages and serves as refresher course for those who are desirous of increasing speed and becoming affiliated with the WAAC will find this to be of inimitable value. Credit, 4 Hours.

311, 322—*Office Procedure*—(By Request) Prerequisite: Typewriting 211, 222. This course offers an introduction to office management offering further practice on typewriting—cutting stencils, speed—and acquainting the student with the various types of office appliances, duplicating (mimeograph, ditto, multigraph) and calculating machines (Burroughs, Monroe, and Sundstrand adding machines)—and working knowledge of the most common methods of filing. Credit, 2 Hours Each.

311—*Shorthand*—Regular first semester course devoted to a thorough study of the Gregg Method of writing shorthand, brief forms and phases, with special emphasis placed on penmanship and accurate reading and writing of notes. Credit, 4 Hours.

333—*Refresher course in Gregg Shorthand*—(By Request) Primarily designed as a privilege "brush up" course for persons who already have a knowledge of shorthand but feel the need of review, and for those engaged in secretarial work who are desirous of increasing their present vocabularies and speed rate. Brief forms, phases, special emphasis on penmanship and the accurate reading and writing of notes will be main consideration. Credit, 4 Hours.

411—*Business Law*—Basic concepts of business relations involving contracts, property, negotiable instruments, agency and legal aspects of business, organization will be offered. The case-lecture presentation of material will be followed. Credit, 3 Hours.

ENGLISH

- 111—*English Composition*—A comprehensive and intensive review of grammar mechanics, and English usage. Outline and briefing will be studied at some length. CREDIT, 3 HOURS.
- 122—*English Composition*—Training and practice in reading more efficiently; in gaining a thorough acquaintance with newspapers and magazines; and in the use of the summary, the paraphrase, and the precis. CREDIT, 3 HOURS.
- 211—*English Literature*—An introduction of the various forms of poetry and prose, with a view toward helping the student to understand literature as a medium of artistic expression. The development of English literature will be traced in outline from Beowulf to Shakespeare. CREDIT, 3 HOURS.
- 222—*English Literature*—Studies in the literature from Shakespeare through the eighteenth century. A few literary master-pieces will be studied intensively as touchstone of good artistic writing. CREDIT, 3 HOURS.
- 310—*Public Speaking*—A study of the speech mechanism together with some consideration of English phonetics, pronunciation, and the improvement of speech. The three last weeks of the course will be given over to the practice in speech making, on topics of current interest. Methods of preparation and delivery studied in relation to practice. Class discussions; conferences. CREDIT, 3 HOURS.
- 311—*American Literature*—A study of the main currents of American literature from the beginnings to the present time. A detailed study of representative works of the following writers: Emerson, Thoreau, Hawthorne, Melville, Whitman, Amy Lowell, Sinclair Lewis. The works read will be considered both in themselves as literary entities and also in relation to the intellectual history of their respective periods. Prerequisites: English 211 and 222 CREDIT, 3 HOURS.
- 341—*The Short Story*—A study of the techniques and principles of modern short fiction and practice in writing short stories with a view to publication. Minimum requirements are a thousand words of written material a week plus a large unit as a course project. Class work is informal and is devoted largely to a discussion of the development of the short story as a type of literature as well as to the reading of manuscript by the members of the class. The minimum reading requirement is one

- hundreded twenty-five short stories during the entire term. CREDIT, 3 HOURS.
- 342—*Journalism*—Brief preliminary consideration of the evolution of the newspaper in England and the United States, with special reference to the problems of present-day journalism. Study of diction and analysis of representative types of newspaper writing, with the purpose of improving the student's own journalistic style. Emphasis will be placed upon the editorial and the feature articles as special forms. CREDIT, 3 HOURS.
- 352—*Children's Literature*—The collection and study of material suitable for children of elementary school level. CREDIT, 3 HOURS.
- 372—*Business English*—Training in the use of forceful and correct English for Business purposes.

GEOGRAPHY

- 111—*Elements of Human Geography*—The elements of Human Geography is a course designed to give prospective teachers a comprehensive view of the various earth features and their effect upon mankind. CREDIT, 3 HOURS.
- 122—*Geography of Continents*—This course aims to give the student a thorough knowledge of the continents; first, as major land forms, then as centers of population with emphasis upon the inter-dependence of man in providing "his needs." CREDIT, 3 HOURS.
- 210—*Geography of Louisiana*—The aims of this course are to acquaint the student with the principal factors which are influencing the development of the state of Louisiana, and to create a greater appreciation for the State. The natural regions are studied, emphasis being placed upon the relations of the different factors of the physical environment to man and man's activities. CREDIT, 3 HOURS. ..

GOVERNMENT

- 311—*The Government of the United States*—An introductory course in the administration, function and organization of the gov-

ernment of the United States, presenting a historical analysis of the formation of the Constitution, its growth and development. Special emphasis is placed on a study of the departments of the Federal Government. CREDIT, 3 HOURS.

HISTORY

- 211—*United States History, 1492-1865*—A study of the political, social and economic conditions of the United States during this period. CREDIT, 3 HOURS.
- 222—*United States History, 1865 to present*—A study of the political, social, industrial and commercial development of the United States during the period included. CREDIT, 3 HOURS.
- 311—*The Negro in American History*—A study of the Negro in relation to slavery, abolition and present day problems. CREDIT, 3 HOURS.
- 411—*English History*—A brief survey of the history of England with emphasis upon the period, 1688 to the present. CREDIT, 3 HOURS.
- 422—*Political and Cultural History of Europe*—A detailed treatment of the post-war culture of Europe. Special emphasis is given to Russia, Italy, France and Germany. CREDIT, 3 HOURS.
- 432—*International Relations*—A study of the diplomatic aspects of European history from the close of World War I to the present. CREDIT, 3 HOURS.
- 451—*Latin America History*—This course traces the exploration and colonization of the countries south of the United States, the wars of independence, and the expansion in the nineteenth century. An effort is made to show the relations of these countries to the United States, and to world politics. CREDIT, 3 HOURS.

HOME ECONOMICS

ART AND DESIGN

- 222—*Art Related to Homemaking*—This course is designed to make

practical application of the principles of design and color to the individual girl and to the home and its furnishings. CREDIT, 2 HOURS. Lab. fee—\$1.50.

- 230—*Advanced Design*—Here the emphasis is on creative design. Articles are developed for personal and home use. Problems in weaving, leather, basketry and batik are carried on. CREDIT, 2 HOURS. Prerequisites: H.E. 111 and 222. Lab. fee—\$1.00.

TEXTILES AND CLOTHING

- 112—*Clothing and Textiles*—A study of textile fibers—their sources, production, characteristics, identification, and use with reference to the selection of fabrics for clothing and the household. This course also includes a study of clothing construction and use of patterns. CREDIT, 4 HOURS.
- 342—*Advanced Clothing*—Problems in advanced dressmaking, on woolen and silk fabrics, and pattern making. Emphasis on individual design. The technique and organization of work. Economic problems involved in the purchasing of fabrics and ready-made clothing. Construction of one wool garment. CREDIT, 3 HOURS. Prerequisites:—Clothing, 112, 221.

FOOD AND NUTRITION

- 221—*Meal Planning*—This course is a study of menu planning for the family, stressing food selection and nutrition, organization of work, meal preparation and table service. CREDIT, 3 HOURS.
- 232—*Food Preservation*—Emphasis is laid on methods of food preservation and care in the home; comparison of cost of home and factory canned goods. Laboratory work consists of preserving of foods. CREDIT, 3 HOURS.
- 440—*Experimental Cooking*—A course dealing with research in cookery—Special attention is given to the preparation of new dishes from available food products.
- 342—*Nutrition*—A study of food selection and its relationship to maintenance of health based on nutrition value. CREDIT, 3 HOURS.
- 460—*Practice Teaching in Home Economics*. CREDIT, 4 HOURS.
- 462—*Nutrition and Health*—A study of nutrition with direct emphasis upon health. Such problems as diseases and corrective feeding; the nutritive requirement for individual development

and the care and feeding of the sick are included. CREDIT, 3 HOURS.

CHILD DEVELOPMENT

313—*Family Relationships*—A study of the family from a social economical, and cultural point of view of home situations that arise; the attitude and influence of training in family life; the relation of the members of the family to each other; and mal-adjustments. CREDIT, 3 HOURS.

420—*Home Management Residence*—This course is designed to permit the student to actually manage a house for nine weeks, making it a business proposition. It is the course in which all theories in homemaking are tried out in practical living. Admission must be paid in advance. CREDIT, 4 HOURS.

HOME ECONOMICS EDUCATION

321—*Methods of Teaching Vocational Economics*—The aims of this course are to study good methods of teaching home economics in terms of environmental needs. To understand the vocational home economics movement, good organization and suitable equipment for Home Economics. CREDIT, 4 HOURS.

460—*Practice Teaching in Home Economics*. CREDIT, 4 HOURS.

470—*Teaching Adults Homemaking*—Here, attention is given to organization, selection of subject matter and adaptation to group needs. Discussion concerning special aims will be followed by observations of adult classes. CREDIT, 2 HOURS.

322—*Problem in Home Economics*—An attempt is made in this course to point out major problems encountered by Home Economics teachers in the State. Thorough discussion, study and laboratory experiences, some solution to individual needs is made. Attention will be given to curriculum building and to adjustment of individual programs. An individual problem is required of all Prerequisites: Home Economics Education, 321. CREDIT, 3 HOURS.

LIBRARY SCIENCE

These courses are provided for two reasons: first, to provide teachers with some library training for the high school and training schools of the State; and second, to furnish each parish with a teach-

er who as ad some training which will enable her to handle the free state library books.

311—*Library Administration*—A general course in the organization and supervision of school libraries and library materials. It covers the arrangement of library quarters circulation work, the technicalities of book preparation for use and the relationship of the library to the school community. CREDIT, 3 HOURS.

321—*Children's Literature*—A Course dealing with criteria and methods of selecting children's books, and book selection aids. Standards of judgment are developed through examination of the best children's books, varied readings, and practice in the best children's books, varied readings, and practice is given in making verbal and written annotations. CREDIT, 3 HOURS.

332—*Adolescent Literature*—A consideration of books for adolescents from the point of view of school library service to adolescents. Reading and reports required. CREDIT, 3 HOURS.

441—*Function and Use of School Libraries*—This course deals with simple methods of organizing and administering high school book collections not covered in the first course of Library Administration. Lectures and Practice work. CREDIT, 3 HOURS.

451—*Cataloguing and Classification*—A course in simple cataloguing and classification with problems on cataloguing and classifying the books on the Louisiana list for School Libraries. CREDIT 3 HOURS.

462—*Reading Guidance*—A consideration of children's books, of elementary and high school interest. Special emphasis on adolescent tastes and needs in reading. CREDIT, 6 HOURS.

MATHEMATICS

111, 122 *Applied Mathematics*—This Course meets personal needs encountered in everyday life, such as, business information, everyday algebra, and intuitive geometry. The course does not count toward a major in mathematics. CREDIT, 3 HOURS.

131A—*Aircraft Mathematics*—This course may be elected instead of Algebra 131. It is introduced for speeding up necessary in-

formation on war time mathematics. Fundamental concepts and ideas of arithmetic, algebra, geometry, and trigonometry, as applied to the war effort, will be stressed. It is essentially a problem course and calls for initiative and sound thinking on the part of the student. CREDIT, 3 HOURS.

142—*Plane Trigonometry*—The main purposes of this course is to teach the technique of indirect measurement thus showing its practical application in surveying engineering, astronomy and the like. Both right and oblique triangles will be studied. CREDIT, 3 HOURS.

231—*Algebra*—This course treats advanced topics in quadratics, complex numbers, the progressions, mathematical induction, the binomial theorem, and some topics on theory of equations. Prerequisite—*Algebra* 131 and *Trigonometry* 142. CREDIT, 3 HOURS.

300—*The Teaching of Public School Mathematics*—This course comprises three groups of subject matter as follow: 1. The Teaching of Arithmetic. 2. The teaching of Algebra. 3. The teaching of Plane Geometry. Approximately four weeks will be devoted to each group. The main purpose of this course is to discover better methods of teaching these courses or to improve the ones known. The teaching procedure will be a combination of the lecture, project, and laboratory methods. Prerequisite one year of teaching experience or one semester of mathematics. This is a one semester course and does not count as a major in mathematics. CREDIT, 3 HOURS.

Students desiring more advanced courses in mathematics will consult the dean and the head of the department.

MECHANICS ARTS

AUTO MECHANICS

111S—*Auto Mechanics*—This course includes body work, auxiliary apparatus, chassis repairs, power system, starting and lighting system, and the theory of correct driving. Credit, 4 Hours.

TAILORING

11S—*Tailoring*—Includes a review of the work covered in the first year, and practice in altering, cleaning and pressing, and practical garment making. Credit, 4 Hours.

PRINTING

111S—*Organization of High School Print Shop*—This course includes the outlining of a course of study for the High School shop, selection of type fonts; arrangement of equipment, including general outlay of the shop for convenience, and job sheets for beginners. Credit, 4 Hours.

CARPENTRY

111—*Household Mechanics*—This course deals specifically with mechanical operations necessary for successful and economic homemaking. Laboratory practice in woodworking, furniture repairing and refinishing; chaircaning. Simple operations in the repair and upkeep of plumbing and electrical fixtures. Practical experience in home-designing and household safety. Credit, 4 Hours.

INDUSTRIAL EDUCATION

451—*Teaching Methods*—This course is designed to help students of trades and industrial subjects in the selection, organization and presentation of teaching material in the field of industrial education. Each student is required to work out a complete teaching plan in his major field. Credit, 4 Hours.

321,322—*Vocational Education and Industrial History*—Effort is made to assist the student in interpreting modern industrial problems. The relations of the employer, employee, and the consuming public; and local and Federal laws governing vocational education, and to give an historical background of Industrial Education. Credit, 4 Hours.

431—*Trade and Job Analysis*—This course is design to help students to organize and present instructional material of his particular trade. Each student will be required to analyze his trade and to make instruction sheets. Credit, 4 Hours.

WOODWORK

263—*Woodwork*—This course is designed to give the student the basic fundamental processes in woodwork, including joints and their uses; making practical projects for the home; use of geometrical designs in woodwork; making lumber bills and ordering lumber; and color mixing in paints and varnishes. Credit, 4 Hours.

MUSIC

151—*Public School Music*. CREDIT, 2 HOURS. (For Non-Music Majors)

162—*Public School Music*. CREDIT, 2 HOURS. (For Non-Music Majors)

311—*Music Methods for Elementary Schools*—The aim of this course is to introduce methods and materials to be used in the development of the child's singing voice, the presentation of music notation and correct interpretation songs. Credit, 2 Hours.

322—*Music Methods and Materials for High Schools*—This course is a continuation of the foregoing with emphasis placed upon the methods and materials of music in the development of the high school student. Credit, 2 Hours.

500—*School Music Problems*—A refresher course for in-service teachers of school music in which methods will be evaluated. Credit, 2 Hours.

440—*Directed Observation and Practice Teaching*—Prerequisites: Passing of general tests and a comprehensive music test. Opportunity is provided for the music student to observe superior instruction in the field he looks forward to teaching. Outlines of subject-matter and methods are made and used under careful supervision and in situations similar to those of well ordered school systems. Special emphasis is placed on regular conferences for student-teacher improvement. Credit, 6 Hours.

MUSIC APPRECIATION

131-142—*The Elements of Music Appreciation*—A course designed to give better understanding and appreciation for all types of music. Credit, 1 Hour per course.

APPLIED MUSIC

Piano

Voice

Wind Instruments

String Instruments

Credit for Applied Music courses will be awarded as listed in the regular session catalogue.

PHILOSOPHY

311—*Introduction to Philosophy*—An introduction to the problems of philosophy with special emphasis upon the significance of contemporary science for present day systems. Credit, 3 Hours

PHYSICAL EDUCATION

212—*Folk and Interpretative Dance*—The fundamentals of rhythmic, character and folk dancing. Open to women only. Credit, 1 Hour.

431—*Materials and Methods in Teaching Physical Education*—Materials and Methods for teaching physical education in elementary and high schools. A study of the procedures in the selection and organization of activities for pupils of various age levels. Story plays, marching, memetic exercises, games, stunts, apparatus work and methods of conducting field days. Credit, 3 Hours.

328—*Health Teaching*—This course aims to present materials and methods for teaching Health in elementary schools and high schools. Special consideration is given to vary conditions to be found in rural sections and for home and school relationship. Credit, 3 Hours.

142—*Personal and Community Hygiene*—It deals with the scientific principles underlying the establishment of health habits and the relation of these practices to success and happiness. It also includes a study in school community health. Credit, 3 Hours

300—*Recreational Leadership*—This course deals with the conduct of playgrounds; the operation of community centers; promotion and planning of special holiday celebrations, community pageants and festivals; development of community programs in music, dramatics, crafts, nature and athletics; recreation to special groups such as soldiers, defense workers, homes, industries, and churches.

111, 122—*General Practice* (as Listed)

332—*First Aid*—Basic Course in First Aid Practice. CREDIT, 3 HOURS.

421—*Athletic Coaching*—Theory, demonstration and practice. Includes Football—Two weeks—Blocking, tackling line play,

end play, backfield play, offensive formations and plays. The kicking, passing and running game, generalship, defensive planning, scouting.

Basketball—Two weeks—Selection of players, individual offensive and defensive, training, scouting, etc.

Track and Field—Two weeks—Methods of conducting meets, techniques involved in all standard events, conditioning.

General and Review—Three weeks. Credit, 2 Hours.

PHYSICS

211—*Principles of Physics*—This is an introductory course covering about half of the traditional divisions. Credit, 4 Hours.

231A—*Photography-Engraving*—This combined course will have as its aim to thoroughly acquaint the student with practices and theory of Photography, with emphasis placed on the following: Studio, Press and Commercial Photography; enlarging, coloring, copying and photofinishing. The emphasis placed on Engraving is as follows: Line and half-tone negative making, metal printing, etching routing and mounting. Some attention is given to the theory of color process.

SOCIOLOGY

211—*Introduction to Sociology*—A general survey of the field of Sociology designed to introduce the fundamental methods, concepts, and problems of Sociology. Special emphasis is given to the origin, purpose, and development of group life. Credit, 3 Hours.

311—*Modern Social Problems*—A course dealing with the major problems resulting from group life in the United States. The major purpose of the course is to acquaint the student with the origin and development of social problems. Credit, 3 Hours.

321—*Race Relations in the United States*—A study of the basic processes operating in determining race relations in the United States. Major attention is given to the problems of conflict, accommodation, and adjustment which confront racial minorities in the United States. Credit, 3 Hours.

411—*Rural Sociology*—The facts and conditions of rural life are considered, showing how it has changed and how it contrasts with urban life. Emphasis is given to the means by which rural life in the United States might be improved. Credit, 3 Hours.