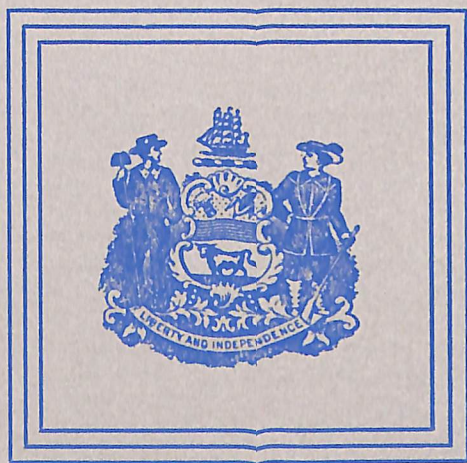


DELAWARE STATE COLLEGE

DOVER, DELAWARE



Catalogue 1956-57

WITH ANNOUNCEMENTS FOR THE
SIXTY-SIXTH SESSION 1957-1958

Delaware State College is a land-grant institution. It was established by the State Legislature under the terms of the first and second Morrill Acts, which were passed by Congress in 1862 and 1890.

OBJECTIVES

The college undertakes to promote, through its courses, certain very specific objectives of which the prospective student and his parents or guardian should be aware. These are:

- I. To prepare teachers for service in
 - A. The elementary school
 - B. The high school
 1. In academic subjects
 2. In agriculture, commercial subjects, and home economics.
 - II. To provide broad general education, with concentration in some field of particular interest, as a means of preparing persons for participating intelligently in the life of the society.
 - III. To lay the educational foundations for later specialized preparation in graduate and professional schools.
 - IV. To work with the out-of-school population of the state in programs designed to improve the general welfare of these populations.
 - V. To provide opportunities for the development of physical powers and the safeguarding of health, through participation in recreational and avocational activities, and through an organized health program.
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Catalogue

and

Announcements

DELAWARE STATE COLLEGE

Dover, Delaware

1957



A Record of 1956-57

With Announcements for the Term Beginning
September 9, 1957 and Ending May 26, 1958

First Semester Begins September 9, 1957
Second Semester Begins January 23, 1958

CONTENTS

	Pages
Objectives	Inside Front Cover
College Calendar	4
Board of Trustees	5
Officers of Administration	6
Faculty	7-10
Administrative Assistants and Service Workers	11
General Information	
Location, History, Plant	12-14
Philosophy and Objectives	15-16
Regulations	16-24
Student Organizations	24-25
Fees and Expenses	26-28
General Regulations	
Admission and Registration	29-31
Graduation Requirements	31-34
Veterans' Services	34-36
Departments of Instruction	
Area of Arts and Sciences	37-46
Area of Vocational Education	47-50
Courses of Instruction	
Agriculture	51-55
Biology	55-56
Business Education	56-57
Chemistry	57-58
Economics	58-60
Elementary Education	60-61
English	62-63
French	63
General Science	63
Geography	64
Government	64
Health and Physical Education	64-66
History	66-67
Home Economics	67-70
Library Science	70-71
Mathematics	71-72
Music Education	72-74
Physics	75
Psychology	75-76
Secondary Education	76-77
General Courses in Education	77-78
Secretarial Science	78-79
Sociology	79-80
Notice Concerning the High School	80
Candidates for Degrees	81
College Student Roster	82-88

DELAWARE STATE COLLEGE

Dover, Delaware

School

Calendar

1957-58

September 9 (Monday)	Freshman Registration
September 12, 13 (Thurs., Fri.)	Upper Class Registration
September 16 (Monday)	Class Instruction Begins Late Registration Begins
September 20 (Friday)	Last Day of Late Registration and Program Changes
October 20 (Sunday)	Parents' Day
November 6-8 (Wed., Fri.)	Mid-Semester Examinations
November 21-24	Thanksgiving Recess
November 25 (Monday)	Classes Begins at 8 A.M.
December 21 (Saturday)	Christmas Recess
January 6 (Monday)	Classes Begin at 8 A. M.
January 17, 20, 21 (Fri., Mon., Tues.)	First Semester Examinations
January 23, 24 (Thurs., Fri.)	Second Semester Registration
January 27 (Monday)	Class Instruction Begins Late Registration Begins
January 31 (Friday)	Last Day for Late Registration and Program Changes
February 2 (Sunday)	Founder's Day
March 19-21 (Wed., Fri.)	Mid-Semester Examinations
March 29-April 7	Spring Recess
April 8 (Tuesday)	Classes Begin at 8 A.M.
May 9 (Friday)	Charter Day
May 14, 15, 16, (Wed., Thurs., Fri.)	Senior Examinations
May 21, 22, 23, (Wed., Thurs., Fri.)	Final Examinations
May 25 (Sunday)	Baccalaureate Service
May 26 (Monday)	Commencement

RATING

The work of the college has been accredited as of standard grade by the Delaware State Board of Education.

The college has also been approved for the training of Korean war veterans.

ADMINISTRATION AND ORGANIZATION

The governing body of the Delaware State College is the Board of Trustees, six in number, appointed by the Governor. Under the Board of Trustees the management of the College is vested in the President as executive head of the institution.

BOARD OF TRUSTEES

MR. JOHN N. McDOWELL, <i>President</i>	Newark, June, 1959
MR. HAROLD H. KELLER, <i>Secretary</i>	Laurel, June, 1957
MR. BERNARD YOUNG	Milford, June, 1958
MRS. THELMA YOUNG	Wilmington, June, 1960
MR. HERMAN C. BROWN	Harrington, June, 1961
DR. ASHER B. CAREY	Selbyville, June, 1962

OFFICERS OF ADMINISTRATION

JEROME H. HOLLAND, PH. D.

President

B.S., M.S., Cornell University; Ph.D., University of Pennsylvania

WILLIAM A. DANIEL, PH. D.

Dean-Registrar

A.B., Virginia Union University; A.M., Ph.D., University of Chicago

MAURICE E. THOMASSON, PH. D.

Director of Division of Arts and Sciences

B.S., Iowa State College; A.M., University of Minnesota;

Ph.D., Columbia University

WILLIAM E. JOHNSTON, ED. D.

Director of Student Personnel

B.S., South Carolina State College; M.A., New York University;

Ed.D., University of Oregon

H. GORDON PINKETT, B. S.

Business Manager

B.S., Hampton Institute

ELONNIE J. JOSEY, M. S. L. S.

Librarian

AB., Howard University; M.A., Columbia University;

M.S.L.S., New York State College for Teachers

JUDITH D. WHITE, B. S. L. S.

Assistant Librarian

A.B., West Virginia State College; B.S.L.S., Hampton Institute

EVELYN C. RUSH, B. S. C., M. S.

Assistant to the Librarian

B.S.C., North Carolina College; M.S., Indiana University

INSTRUCTIONAL STAFF

PROFESSORS

WILLIAM E. JOHNSTON, JR., ED.D.

Professor of Psychology and Education

B.S., South Carolina State College;

M.A., New York University; Ed.D., University of Oregon

GEORGE E. KENT, PH.D.

*Professor of English**Head of the Department of Literature and Languages*

B.S., Georgia State College; A.M., Ph.D., Boston University

MARC M. MORELAND, PH. D.

Professor of Humanities

B.A., Morehouse College; M.A., Ph.D., University of Toronto

MAURICE E. THOMASSON, PH.D.

*Professor of Sociology**Head of the Department of Social Sciences*

B.S., Iowa State College; A.M., University of Minnesota;

Ph.D., Columbia University

HAROLD D. WEAVER, ED.D.

*Professor of Education**Head of the Department of Education and Psychology*

A.B., Howard University; A.M., Ohio State University;

Ed.D., The Pennsylvania State College

ASSOCIATE PROFESSORS

JOSEPH N. GRANT, M.S.

*Associate Professor of Biology**Head of the Department of Biological Sciences*

B.S., North Carolina College; M.S., North Carolina College

E. PRESTON MITCHELL, PH.D.

*Associate Professor of Health and Physical Education**Director of Athletics*

B.S., North Carolina College; M.A., Ph.D., State University of Iowa

ROLAND A. SORENSON, M.A.

Associate Professor of History

A.B., Lincoln University (Pennsylvania); M.A., University of Pennsylvania

LAVERNE B. THOMASSON, M.S.

Associate Professor of Sociology

B.S., M.S., Boston University

HARRIETT R. WILLIAMS, M.S.

Associate Professor of Chemistry

Head of the Department of Physical Sciences

B.S., Delaware State College; M.S., Atlanta University

WILLIAM R. WYNDER, M.S.

Associate Professor of Agricultural Education

B.S., Delaware State College; M.S., Michigan State College

ASSISTANT PROFESSORS

STEPAN BRENDA, Sc.D.

Assistant Professor of Natural Sciences

Sc.D., University of Prague

FREDERICK J. FRANKLIN, Ed.M.

Assistant Professor of Physical Education and

Director of Men's Activities

B.S., Ed.M., Boston University

LUCILLE G. FRANKLIN, M.A.

Assistant Professor of Physical Education and

Director of Women's Activities

A.B., Talladega College; M.A., Michigan University

BENNIE J. GEORGE, Ed.M.

Assistant Professor of Health and Physical Education

B.S., Delaware State College; Ed.M., New York University

EDMONIA W. GRIDER, M.A.

Assistant Professor of Home Economics

Head of the Department of Home Economics

B.S., West Virginia State College; M.A., University of Chicago

JOHN T. HOWELL, B.S., M.S.

Assistant Professor of Horticulture

B.S., Hampton Institute; M.S., Michigan State College

ELONNIE J. JOSEY, M.S.L.S.

Assistant Professor of Library Science

A.B., Howard University; M.A., Columbia University

M.S.L.S., New York State College for Teachers

ISABELL W. PATTERSON, M.A.

Assistant Professor of Business Education

Acting Head of the Department of Business Education

B.S., Bluefield State College; M.A., University of Michigan

NORA M. PATRICK, M.A.

Assistant Professor of French

A.B., Spelman College; M.A., Atlanta University

JAMES M. POOLE, M.A.

Assistant Professor of English

B.S., Greensboro A. & T. College; M.A., New York University

JOHN R. PRICE, M.B.A.

Assistant Professor of Business Education

A.B., Howard University; M.B.A. American University

ERNEST TALBERT, M.B.A.

Assistant Professor of Economics and Business Administration

A.B., Morehouse College; M.B.A., Atlanta University;

M.B.A., University of Chicago

RICHARD C. WALKER, Ed.M.

Assistant Professor of Psychology

A.B., Sam Houston College; Ed.M., Boston University

RUTH H. WASHINGTON, M.S.

Assistant Professor of Biology

B. S., Morgan State College; M.S., Howard University

ULYSSES S. WASHINGTON, M.S.

Assistant Professor of Agricultural Engineering

B.S., Virginia State College; Ed.M., Rutgers University

CARL DE ZEMENSZKY, Ph.D.

Assistant Professor of Social Sciences

Ph.D., Franz Joseph State University (Klausenburg)

J.S.D., State University of Pecs (Funfkirchen);

Licentiate, State University (Budapest)

INSTRUCTORS

MAYE H. GRANT, M.A.

Instructor in Music Education

A.B., North Carolina College; M.A., Columbia University

THOMAS S. GRIFFIN, M.M.E.

Instructor in Music Education

B.S., Temple University; M.M.E., Indiana University

THOMAS A. JETER, D.V.M.

Instructor in Agriculture

B.S., Hampton Institute; M.S., Michigan State College;

D.V.M., Tuskegee Institute

HELEN NEZVAL, M.S.

Instructor in Mathematics

B.S., M.S., University of Brno

SUPERVISORY TEACHERS

Through the cooperation of the State Department of Public Instruction and the boards of education of local school districts, the following schools and teachers were used for observation and practice teaching:

JAMES C. HARDCASTLE, <i>Principal</i>	William Henry High School
SAMUEL DAVIS	William Henry High School
WILLIAM A. GIBBS	William Henry High School
ANNETTE HENRY	William Henry High School
COURTNEY P. HOUSTON	William Henry High School
ERNESTINE SLAUGHTER	William Henry High School
RACHEL WARREN	William Henry High School
EDWARDINE WRIGHT	William Henry High School
ROBERT YOUNG	William Henry High School
JAMES R. WEBB, <i>Principal</i>	William Jason High School
FRED T. JOHNSON	William Jason High School
ALFRED G. WATERS, <i>Principal</i>	Louis Redding High School
AUBRY T. JETER	Louis Redding High School
MARGARET L. WATERS	Louis Redding High School
ISABEL F. WILSON	Louis Redding High School
S. MARCELLUS BLACKBURN, <i>Principal</i>	Booker T. Washington Jr. High School
MILDRED BEDFORD	Booker T. Washington Jr. High School
CARRIE BLACKSON	Booker T. Washington Jr. High School
MARJORIE FISHER	Booker T. Washington Jr. High School
HATTIE L. TATMAN	Fork Branch School
EDITH G. GUY	Star Hill School
ROBERT W. THOMAS, <i>Principal</i>	Frederick Douglass School
CURTIS M. COLLINS	Frederick Douglass School
BEATRICE N. WILTBANK	Frederick Douglass School
CORNELIUS W. MORGAN, <i>Principal</i>	Newark Elementary School
OLIVE RYLAND	Newark Elementary School
CORA B. SAUNDERS	Newark Elementary School
FLORENCE V. JAMES	Ellendale Elementary School
ELSIE M. YOUNG	Ellendale Elementary School

**ADMINISTRATIVE ASSISTANTS
AND SERVICE WORKERS****President's Office:**MARY E. ELLIS, *Secretary, Temple University*MARY E. BIBBINS, *Secretary, Maryland State College***Dean—Registrar's Office:**JEAN A. WILSON, *Secretary, B.S., Delaware State College***Business Manager's Office:**NANNIE G. SORENSON, *Bookkeeper, Virginia State College*CORRINE G. DUNNING, *Secretary*GILMER M. JONES, *Assistant to the Business Manager, Hampton Institute***College Health Service**EDWARD S. DENNIS, M.D., *College Physician*MARGARET LOUISE GRICE, R.N., *School Nurse***Maintenance and Plant Operations:**GILBERT SMITH, *Supervisor of Maintenance and Plant Operations**Maintenance Workers*

WESLEY SHOCKLEY

VIRGIE LEWIS

WILLIAM FULLMAN

CHARLES PATTON

ELWOOD LEWIS

RONALD LECOMPTÉ

SAMUEL JOHNSON

LEROY WASHINGTON

INA JACKSON

CHARLES JACKSON

Dining Hall:HARRIETTE J. JONES, *Dietitian, Supervisor of Dining Hall, Maryland State College**Kitchen Workers*WILLIAM MASSEY, *Chef*OLIN CURRY, *Kitchen Helper*RICHARD MAULL, *Assistant Chef*LILLIAN HARRIS, *Kitchen Helper*BESSIE JOHNS SUDLER, *Kitchen Helper***Dormitories:**CORA E. WARREN, A.B., *Director of Tubman Hall***Agricultural Production:***Farm Workers*

ERNEST SEENEY

JOSEPH HAWKINS

HERBERT FISHER

GENERAL INFORMATION

LOCATION

The Delaware State College is located on the Du Pont Highway, near the State Capitol, Dover, and within easy reach of Wilmington, Baltimore and Philadelphia. Its beautiful landscape and healthful location give it a distinct advantage as an educational center. The reservation upon which it is located comprises about 200 acres, 10 of which have been set apart for campus and athletic field. Of the remainder, 160 acres are devoted to agriculture and 20 acres to woodland.

How to Reach State College

Students from Philadelphia and beyond, from Baltimore and beyond, coming by train, should use the Pennsylvania or the Baltimore and Ohio Railroad.

Automobile travel from all points to Dover is convenient. Use U. S. Route No. 13, which passes through Dover and touches the State College property just one mile north of the city limits.

BRIEF HISTORICAL SKETCH

The State College for Colored Students, now officially named Delaware State College by an act of the 114th General Assembly of the State of Delaware (1947), was established by the General Assembly of the State of Delaware, May 15, 1891, under the provisions of the federal land-grant Morrill Acts. By the Morrill Acts and the Nelson Amendment of 1907, large areas of public land were appropriated to each of the several states . . . "to form the basis of endowments for colleges, which must include in their curriculum the teaching of Agriculture, the Mechanic Arts and Military Tactics."

By act of the General Assembly of Delaware, the federal appropriation for the state, \$50,000, is divided between the University of Delaware at Newark and the Delaware State College at Dover, on the basis of population. With the first state appropriation a tract of land comprising 100 acres, about two miles north of Dover, known as the Loockerman Farm, was purchased. The main building on this estate was altered and two new buildings were erected. The college was opened for the reception of students in the fall of 1892. At the 1919 session of the State Legislature, an appropriation was made for the purchase of an additional 100 acres of land immediately adjoining the school property, thus bringing the total acreage of the school to 200. This represents its holding at the present time.

PHYSICAL PLANT

Loockerman Hall, a three-story brick building, serves as a dormitory for men.

Lore Hall is a four-story brick structure containing faculty apartments.

Cannon Hall serves as a classroom building for courses in music and business education.

Library. The College Library occupies the building which was formerly the College Chapel. Through several additions, the size has been so increased that it serves the institution with convenience and comfort. The reading rooms are attractive, well appointed, and well-lighted, and provide seating space for more than 100 students.

The book collection numbers more than 23,000 volumes. About 100 of the leading literary and news magazines, learned, scientific and technical journals, and daily and weekly newspapers are currently received. The library is also a depository for a selected list of U. S. public documents.

Freshman students receive instruction in the use of the library through Freshman English classes by means of lectures and demonstrations given by the Reference Librarian in cooperation with the English teachers.

Trades Building is a one-story factory-type steel structure in which Agricultural courses are taught.

Delaware Hall is the administration building. The college auditorium, laboratories and classrooms are also housed in this building.

Conrad Hall houses the dining hall and kitchen on the first floor, and the Home Economics Department, including classrooms, laboratory and a modern apartment on the second floor. The offices of the Dean of Men and the Director of Student Personnel are also located in this building.

Faculty Residences. The faculty dwellings are: President's residence, three two-family houses, and four veterans' housing units of three- and four-room apartments.

Water Supply. The water supply for the school plant is pumped from two deep wells into a 50,000-gallon steel tank elevated on a

trestle to a height of 75 feet. The supply is ample and the water is of high quality.

Field House. The "old shop" has been remodeled and converted into sections providing for the school laundry, storage, and a field house for athletic activities for men.

Cafeteria and Barber Shop. The Cafeteria and Barber Shop are centers that serve many of the personal needs of both students and teachers.

Health Center. Medical care and health services are provided in a small building which has been renovated into a Health Center.

Agricultural Facilities. The buildings housing the Agricultural activities are: Dairy Barn, Poultry Houses, Granary, Horse Barns, Piggery and Implement Sheds, and a pasteurization plant.

Tubman Hall, a new dormitory for women, is a three-story brick building which will house 120 students.

Conwell Hall, a new dormitory for men, is a three-story brick building which will house 220 students.

A multiple-purpose building is under construction, scheduled for completion during the summer of 1957. It will contain a gymnasium, swimming-pool, classrooms, and offices.

PHILOSOPHY AND OBJECTIVES

Philosophy

Delaware State College was established in 1891 as the land-grant college for Negroes of the State of Delaware. While its purposes have broadened with the passage of time, it remains primarily a land-grant college.

The work of the college is controlled by its conception of what it should do and how it should go about it; that is, by its philosophy of function and its philosophy of method.

Function. The function of the college is to provide for the youth who come to it the means by which they may develop fully as persons and as citizens. Its concerns lie in two areas, namely the personality of the student and the nature and needs of the society in which the student lives and will live in the future. The college accepts responsibility for promoting the development in the student of the maximum of personal worth and of ability to participate most effectively in his society.

Method. Education takes place through the activities of the student himself. The college believes that it can best promote the achievement of its purposes by providing for its students opportunities for effective activities in every area of living. Classrooms, dormitories, dining halls, playgrounds, the chapel, teachers, staff workers, the unorganized as well as the organized activities of the campus; all of these are looked upon by the college as influences which provide activities through which its students are educated. The college believes that it can best educate its students by shaping the environment in which its students live and grow.

General Aims

In developing its students as persons and as citizens, Delaware State College seeks to equip them with certain general qualities which will serve them well in all of their personal and citizenship activities. It seeks to develop the type of inquiring mind which is capable of recognizing and solving life problems in a satisfying manner. It seeks to develop wholesome philosophies of life—philosophies which lie within the framework of Christian ethics and democratic precepts. It seeks to develop skill in communicating ideas through socially acceptable oral and written media. It seeks to develop understanding and appreciation of our culture and its relationships to other cultures, both past and present. It seeks to encourage and promote optimum physical development. It seeks to develop desire to serve—to serve in the home, the community, and in the nation. It seeks to develop and encourage high standards of scholastic achievement.

SPECIFIC OBJECTIVES

The college undertakes to promote, through its courses, certain very specific objectives of which the prospective student and his parents or guardian should be aware. These are:

- I. To prepare teachers for service in
 - A. The elementary school
 - B. The high school
 1. In academic subjects
 2. In agriculture, commercial subjects, and home economics.
- II. To provide broad general education, with concentration in some field of particular interest, as a means of preparing persons for participating intelligently in the life of society.
- III. To lay the educational foundation for later specialized preparation in graduate and professional schools.
- IV. To work with the out-of-school population of the state in programs designed to improve the general welfare of these populations.
- V. To provide opportunities for the development of physical powers and the safe-guarding of health, through the participation in recreational and avocational activities and through an organized health program.

REGULATIONS GOVERNING STUDENT LIFE

Delaware State College, like any other enterprise, extends opportunities and privileges which require in turn a sharing of responsibility. The standard of honor on the campus offers each student the challenge and satisfaction of simple, upright, honest endeavor, wholesome environment and recreation.

An application for admission to Delaware State College implies a willingness to accept the ideas for which the college stands and to give them loyalty and support. This loyalty expresses itself in action that proceeds from a desire to reflect credit upon the institution. Every student should feel that it is a part of his or her responsibility to conduct himself or herself in the best possible manner. Lack of loyalty on the part of any student reflects itself in a selfish unwillingness to abide by the ideals and regulations of the college and failure to recognize the individual's obligation thereto.

The conduct of a student is expected to be continuously in line with the ideals of the college. If it is adjusted to be at variance with these ideals, the student, for the best interest of both himself and the college, may be requested to withdraw.

The college reserves the right to be the sole judge of a student's success or failure in meeting the requirements and demands of college life, and of his fitness to continue to share its privileges and responsibilities.

Students are urged to cooperate with the Faculty in the preservation of healthful and wholesome physical and hygienic conditions, and in prevention and control of disease by early and faithful reporting of illness.

Students must abstain from the use of narcotics, profanity, and intoxicating drinks.

The use of motor vehicles by boarding students is restricted. Permits must be secured from the Office of the Director of Student Personnel in order to retain on the campus automobiles for personal use.

No student who has been dismissed or suspended, or who has been on disciplinary probation, may represent the institution in any public event or serve as manager of a representative team, or hold any elective office or any appointment of responsibility and trust during the semester affected.

No secret society is allowed in the college, and no other society or self-perpetuating organization is allowed among students except by permission of the faculty and administrative council.

All students must purchase the required uniform and shoes for classes in Physical Education. This uniform must be approved by the Instructors of the Department.

In order to properly protect their clothing all students who engage in work in the shops, laboratories or on the farm should provide themselves with aprons, smocks, or overalls and rubbers for that purpose.

Students should come prepared to make a deposit of at least thirty (30) dollars for the purchase of books and other necessary class material, and be provided with sufficient spending change for purchase of notebooks, writing paper, pen, ink, and other material necessary for this work.

Students in the college who have not supplied themselves with necessary books and other material for class at the end of the third week of any semester may be dropped from the course where such book and materials have not been supplied.

If the account of a student for board is allowed to become more than fifteen (15) days in arrears, he is liable to be sent home unless

satisfactory arrangements are made for payment of said account within a given time.

Students will not be allowed to take mid-term or final examinations if they are delinquent in the payment of bills.

No diploma or certificate will be granted any student until his accounts with the college are settled and all other obligations with the institution are satisfactory discharged.

In payment of accounts money should be sent by registered letter, money order, or certified check. All money orders or checks should be made payable to Delaware State College and **not to any official of the college.**

In matters relating to week-end excuses, holiday excuses, etc., all correspondence should be carried on directly through the Office of the Dean of Men or Dean of Women and not through correspondence with the student. Parents should communicate with the proper office in advance if it is their intention to have students leave the campus. The President reserves the right to deny permission for students to leave the campus. All matters relating to the student's life on the campus will be given due consideration by the proper authorities. Before certain privileges are granted it is necessary to obtain the written consent of one or both parents.

1. No young lady may spend the night away from the college or leave the campus for week-ends, visits, or otherwise, unless the institution has received the parents' or guardians' written consent, containing the name and address of the person to be visited. A written invitation from the hostess to be visited is also necessary in addition to the parents' permission.
2. No young lady may receive "off campus" men friends without the approval of the Dean of Women.

Enrollment in the college obligates a student to abide by institutional rules and regulations. Should the conduct or influence of any student become such as to impair the orderly operation of the institution, he may be dismissed from the college without notice.

Any student who marries while enrolled in this college must notify the director of Student Personnel.

CHAPEL EXERCISES

These exercises are held once each week, at which time the entire student body unites in devotional exercises, and other activities, including programs by student organizations.

HEALTH REQUIREMENTS

Students are required to undergo a complete physical and medical examination conducted by the College Physician in cooperation with the Department of Health and Physical Education. This examination is scheduled as a part of the registration procedure. Good health is a prerequisite for success in college. Students not meeting the required health standards of the college will be asked to withdraw.

SELF SUPPORT

Work Aid—A limited number of Work-Aid assignments are awarded each year to deserving students who would otherwise not be in a position to finance their college obligation. Students who desire such assistance should write to the Business Manager and file application for the job desired not later than September 1.

Experience has demonstrated that it is not to the student's best interest to try to earn all his expenses by working his way in school.

Students enrolling at Delaware State College for the first time should not come depending upon securing work, but should come prepared to pay the full amount of their expenses until they have oriented themselves and have demonstrated their ability and worth. Satisfactory service gives the student holding the job the preference in assignments covering the next term.

Senior students in the college should be prepared to pay in cash for the major portion of their expenses. The senior academic and extra-curricular program, in a majority of cases, limits the student in his or her possibility to earn through the Institution's Work-Aid Program.

Students who receive aid through the Work-Aid Program of the college must be approved by the Director of Student Personnel and the Business Manager.

STATE SCHOLARSHIPS

The State Legislature has made available to this institution the sum of \$15,000, which is to be distributed to students who are residents of Delaware to help pay their college expenses. The amount of these scholarships depends upon the need, deportment, and scholastic standing of the student.

CAMPUS BOOK STORE

The Campus Book Store is an enterprise operated for the benefit of students under the supervision of the Business Office.

LAUNDRY

The laundry of all dormitory students—to the extent of 6 plain pieces—will be done in the College Laundry. All pieces sent to the laundry must be plainly marked with the owner's name written in indelible ink or woven name tape. A laundry bag must be owned and used by every student.

CARE OF DORMITORIES

Each student is required to keep his or her dormitory room clean and to cooperate in keeping the dormitory as a whole in a livable condition.

VISITORS AND GUESTS

Students and teachers are responsible for meals of their guests if taken at the college dining hall or the cafeteria. The rates for transient meals in the dining halls are: Breakfast, 40 cents; Lunch, 50 cents; Dinner, 70 cents. All visitors accommodated in the respective school buildings over night must be registered with the person immediately in charge of the building. The lodging fee is \$1.00 per night, payable at the Office of the Business Manager.

Visitors are welcome to the State College campus. Upon arrival, if during business hours—8 A.M. to 5 P.M.—they should present themselves at the Business Office in the Administration Building. The college will be glad to furnish such information, provide such conveniences and extend such courtesies as it may be able to give. Students are not excused from duties or college activities while guests are being entertained, and, in the interest of the student's work, extended visits are discouraged.

ALUMNI

The college maintains a cumulative record of its graduates and former students through the Office of the Registrar. Alumni throughout the country may be informed of the activities of the college through Mr. James C. Hardcastle, President of the General Alumni Association, whose address is 121 North Kirkwood Street, Dover, Delaware.

The Hornet

The Hornet is a student newspaper which serves as a vehicle of student expression. Membership on the staff is by election. The publication of the paper is financed out of the Student Activity Fund.

Athletics

The athletics, both intra-mural and inter-collegiate, are under the supervision of the faculty. Facilities are provided for football, basketball, baseball, boxing, track and field, volley ball, tennis, paddle tennis, badminton, horseshoes, and other sports. The varsity teams are members of the Central Intercollegiate Athletic Association and participate in all C. I. A. A. athletic competitions. The eligibility of all athletes who play on our teams is governed by the academic standards of Delaware State College which encompass the eligibility code of the Central Intercollegiate Athletic Association.

Music

In connection with the work offered in music for college credits technical instruction in piano and voice is offered to those students wishing to develop skill in these fields.

Financial Control of Student Organizations

Student organizations, classes or activities which call upon the student body or the public for funds or in which there is a membership fee or dues to be paid, must deposit the funds collected from all sources in the Business Office, and must render at the close of each semester a certified statement of collections and expenditures. This statement must be signed by two students and the member of the faculty acting as their sponsor or advisor. The Business Office of the College is the official depository of the funds of any and all school organizations or activities.

STUDENT PERSONNEL SERVICES

This consists of a broad program of educational, vocational, and personal guidance designed to aid students in making desirable personal adjustments throughout their college careers, and in gaining employment when they leave. The Director of Student Personnel coordinates the student personnel services. The Director of Women's and the Director of Men's Activities are concerned with the social education and living arrangements for the students. The College Physician and the College Nurse provide for the health needs, and the Chaplain serves as religious counselor. The Student Personnel Committee aids in carrying out services to students.

Orientation

At the beginning of the school year, a week is devoted to the orientation of new students. During this week the college provides an opportunity for all students to become acquainted with the staff and facilities of the college. Activities include welcome by the administrative staff, testing program, social activities, campus tour, and physical examination.

A one-semester credit course, Freshmen Orientation, is required of all freshmen students as a continuation of the first week's activities. This course is designed to provide the new student with the necessary instruction and guidance in the problem of adjustment not covered by courses in regular subject matter fields.

Counseling and Guidance

A counseling and guidance service is made available to all students. Closely related to the counseling on the part of the personnel staff is the educational counseling under the direction of the department heads for course registration and problems that may arise in connection with their academic work and progress, as well as for special problems related to their major field of concentration.

Health Services

The college health services are maintained to improve and safeguard the health of students. These services are under the direct supervision of the school physician and the school nurse. Medical examinations, medical care, and health consultations are provided for all students. A modern infirmary is provided for students who require treatment or confinement for minor illness. The facilities of Kent General Hospital in Dover are also available to Delaware State College students.

Veterans Service

In order to assist veterans in making adjustment to college life and to vocational training, the Director of Student Personnel serves as Coordinator of Veterans Affairs and is available to help veteran students during registration; to assist them in forwarding accurate information to the Veterans Administration; to make available to them information on regulations and directions peculiar to their status; and to provide guidance during their periods of training.

Veterans who are enrolling for the first time and those enrolling in a new course are urged to secure the Certificate of Eligibility, VA FORM 7-1953, from the Veterans Administration before reporting to the institution for registration.

Veterans under P.L. 550 should carry a minimum of 14 semester hours each semester. Veterans enrolling for less credit will be considered as part-time students, and subsistence allowance and tuition will be paid accordingly by the Veterans Administration. The applicable V.A. regulations provide the basis on which refunds are made to veterans withdrawing prior to the completion of a course.

Veterans are urged to report personally to the Coordinator of Veterans Affairs at Delaware State College immediately after their admission to the college.

Housing Facilities

Residence halls for men and for women are equipped with essential furniture and bed linen. Women are housed in Harriet Tubman Hall and men are housed in Samuel L. Conwell Hall.

Each student is expected to live in one of the dormitories as long as space is available unless the student is a resident of Dover or has special permission for off-campus housing from the Personnel Staff.

Residential life of women students is supervised by the Director of Women's Activities and the Director of Tubman Hall. Through a dormitory organization, the women students help plan dormitory activities and participate in developing standards of conduct and determining social regulations for the group.

Dormitory life for men is supervised by the Director of Men's Activities. Practice in democratic living is provided through dormitory organization, enabling the men to work with the staff in planning projects, stimulating achievement, and promoting optimum personal development.

Religious Life

Through its religious activities, the college seeks to develop an understanding of and an appreciation for the place of religion in

everyday life, to deepen spiritual insight, and to make the practice of Christian principles a vital part of the life of the well educated citizen.

Weekly chapel and vesper services bring to the campus outstanding thinkers and leaders in religion and social living. Religious life activities are sponsored by the Student Christian Association and the College Chaplain. An annual feature of the religious life of the students at Delaware State College is observance of Religious Emphasis Week.

Student Loans

The Pickett & Hatcher Educational Fund was created by Mr. Claude Adkins Hatcher of Columbia, Georgia, for the purpose of aiding worthy students in the pursuit of broad liberal college training. Applications and requests for additional information should be addressed to: Pickett & Hatcher Educational Fund, P. O. Box 1238, Columbus, Georgia.

Placement

One of the functions of the Office of Student Personnel is to obtain employment on or off the campus for students who apply for work. This office also serves in an advisory capacity for graduates who are seeking employment.

STUDENT ORGANIZATIONS

The Student Council is the recognized governing agency for the student body and as such bears a relationship to all student organizations.

The functions of the Student Council are to provide leadership in student activities, set up regulations for student life and assist with discipline. Advisors of the Council are appointed from the faculty by the president.

Class Organizations

The members of each freshmen class form a class organization which retains identity throughout the undergraduate years of its members, and extends through subsequent years as long as there are living alumni of the class. Members of each class elect officers each spring to serve through the following year.

Fraternities and Sororities

These groups provide additional social experiences for their members in the form of chapter meetings, cultural programs, dances, and parties.

Active chapters on this campus include the following: Alpha Kappa Alpha Sorority; Alpha Phi Alpha Fraternity; Kappa Alpha Psi Fraternity; and Omega Psi Phi Fraternity.

Other Student Organizations

Women's Senate and Men's Council. Students of each dormitory are organized into a self-governing organization for the purpose of regulating and inspiring the life of the occupants of the dormitory.

The following organizations also provide media for expression of student interest: Du-Ed Club; Student Christian Association; Players Guild; The Hornet, student publication; College Band; College Choir; Bahai International Club; Business Club; and Pan Hellenic Council.

Cultural Opportunities

In order to supplement formal education on the campus, many activities are presented for cultural enrichment. Student assemblies, motion pictures, lectures, dramatics, forums, athletic contests, and tours contribute to the general welfare of the students.

The Lyceum Committee brings to the campus each year artists of the concert world. The Faculty-Staff Lecture Series and the Library Culture Series offer stimulating contact with outstanding thinkers and writers on contemporary affairs. The Players Guild gives opportunity for enjoyment in the arts and creative participation. The Music Department presents student choral and band recitals each year, including the annual Christmas Concert by the student choir.

FEES AND EXPENSES

For One School Year

Room Registration Fee, \$10.00 per year, due on or before August 15 for all classifications of students. Students entering for the second semester of the school year will make this payment on or before January 15. This payment is applicable against the yearly room, board and laundry fee. This fee is assessed to insure a dormitory reservation for each student. This fee is not refundable.

GENERAL COLLEGE FEES

The **Registration Fee**, \$30.00 per year, covers the expenses incidental to registration of students. This fee is not refundable.

The **Library Fee**, \$5.00 per year, pays for the privilege of using the Library.

The **Medical Fee**, \$15.00 per year, entitles the student to one physical examination each semester and medical care for minor ailments. The cost of all personal visits by the college physician or any other doctor, hospital care, or prescription of any other type of medical or dental treatment is borne by the student.

Student Activity Fee, \$30.00 per year, covers the cost of student participation in extra-curricular activities sponsored by the college. Included are such activities as football, baseball, basketball, boxing matches, weekly moving picture shows, a certain number of student social affairs and artists' recitals during the school year. The fee also covers the cost of printing the student paper, "The Hornet."

Tuition, \$130.00 per year, is chargeable only to students who are not residents of the State of Delaware.

College Fee, \$60.00 per year, is a general maintenance fee.

Room, Board and Laundry, \$369.00 per year, covers the cost of room, board and laundry for all students residing on the campus. Allowance for all holidays during which the Dining Hall is closed, has been made in computing room and board charges. For students who enter late, no reduction in Room, Board and Laundry charges is made. No deductions will be made for any fractional part of a month except as follows:

Deductions will be made for absences in excess of one week in case of sickness, death, or other circumstances beyond the student's control, provided sufficient proof is submitted to the Business Office within one week after the absent student returns.

DIVISION IN PAYMENTS OF REGULAR COLLEGE FEES

All regular college fees, registration fee excepted, have been divided into two payments per semester as follows:

	First Semester		Second Semester		Per Yr.
	Payment 1st	Payment 2nd	Payment 1st	Payment 2nd	Total
Room, Board & Laundry	92.25	92.25	92.25	92.25	369.00
Registration Fee	15.00		15.00		30.00
College Fee	15.00	15.00	15.00	15.00	60.00
Student Activity Fee	7.50	7.50	7.50	7.50	30.00
Tuition	32.50	32.50	32.50	32.50	130.00
Medical Fee	3.75	3.75	3.75	3.75	15.00
Library Fee	1.25	1.25	1.25	1.25	5.00

Unless other arrangements are made in advance, all installments are due and payable in the amounts and on the dates indicated below. Students whose accounts are more than ten (10) days in arrears shall be excluded from the Dining Hall and classes, and may be sent home.

	Registration 1st Sem.		Registration 2nd Sem.		Per Yr.
	99/12/57	11/7/57	1/23/58	3/4/58	Total
*Boarding Resident Student	138.00	116.50	138.00	116.50	509.00
Boarding Non-Resident Student	170.50	149.00	170.50	149.00	639.00
Non-Boarding Resident Student	42.50	27.50	42.50	27.50	140.00
Non-Boarding Non-Resident Student	75.00	60.00	75.00	60.00	270.00

*Students who have resided in the State of Delaware during the year immediately preceding their first registration at the college are considered "resident students".

Payments should be made by money order, cashier's check, or certified check. All checks should be made payable to DELAWARE STATE COLLEGE and sent to the Business Office. Experience has shown that best results are obtained if parents send payments directly to the college.

REFUNDS AND WITHDRAWAL FROM THE COLLEGE

A student who withdraws within ten calendar days from the beginning of a semester will have all regular semester fees refunded ex-

cept the registration fee and one-sixth of the room, board and laundry fee.

A student who withdraws within 30 calendar days after the beginning of a semester will receive credit refund of one-half of the regular fees for the semester and one-third of the room, board and laundry fee.

A student who withdraws within 50 calendar days from the beginning of the semester will receive credit refund of one-half the room, board and laundry fee for the semester only.

SPECIAL FEES

Laboratory Fees. These fees are paid in certain courses to cover the cost of supplies consumed during the progress of the courses. Charges per semester are as follows:

Courses	Fees
Biology	\$ 5.00
Chemistry	5.00
Physics	5.00
Home Economics—food courses	\$3.00 to 10.00
Art—Home Economics 104 to 202	3.00
Art Education	5.00
Psychology 302	5.00
Business Education	5.00

OTHER FEES

Late Registration Charge, for each day after days stated in catalogue as registration days (Sundays and Saturdays excepted), per day	\$ 1.00
Charge for absence before and after holidays, per day	3.00
Home Management House Fee	5.00
Practice Teaching Fee	45.00
Transcript Fee (After first which is free)	1.00
Photograph Fee for all new students	1.00
Graduation Fee	10.00

Students will be required to pay for losses of, or damage to, school property.

GENERAL REGULATIONS

ADMISSION OF STUDENTS

Students are admitted at the beginning of either semester, or at other times by special permission. All students become subject to all rules and regulations of the college when they enter the campus whether they have enrolled for classes or not.

Students may be admitted:

1. By submitting a certificate or diploma from an accredited four-year high school, or an accredited senior high school, with the recommendation of the principal.
2. By examination—A new student may be admitted by satisfactorily passing a battery of examinations administered by the college or the College Entrance Examination Board.
3. By submitting, through an official transcript, evidence of successful completion of courses as elected in another institution of higher education.
4. By qualifying as a special adult student.
5. By qualifying under requirements of the program for honorably discharged World War Veterans.

An applicant may be admitted as:

1. A candidate for a baccalaureate degree.
2. A candidate for a diploma.
3. A "special" student.

Admission Requirements for Candidates for the Baccalaureate Degree:

1. Graduation from an approved high school where the record of performance has been a creditable one.
2. At least 15 units of secondary school work distributed as below:

English	4 Units
Mathematics	2 Units
Science	2 Units
History	1 Unit
Electives	6 Units
3. Students from schools operating under certain programs experimental in nature will be considered in the light of these together with the tests applied to all freshmen.
4. From an unapproved high school, with at least 15 units of work of creditable grade, and with satisfactory performance on an examination.

A Unit is defined as the equivalent of 120 clock hours of prepared work in the classroom and under the direction of a teacher. It is further defined as one-fourth of the school work of a normal pupil for one year.

Admission Requirements of Candidate for the Diploma

Candidates must meet the specific requirements of the Division in which these diplomas are offered. (See Divisional offerings.) For further information write the Registrar.

Admission as a Special Adult Student

A person who has not met entrance requirements or who is not a candidate for a degree may be admitted as a "special" student under the following conditions:

1. He must be 21 years of age;
2. He must give evidence of training or experience that will enable him to pursue adequately the course desired;
3. He must give definite and satisfactory reasons for choosing such a plan;
4. All entrance requirements must be satisfied before being admitted to candidacy for a degree.

Admission to Advanced Standing

Applicants desiring admission to advanced standing must present a certified transcript and honorable dismissal from the college last attended. Persons who have been **dismissed, suspended or on probation** from other institutions will not be allowed to enroll except under conditions similar to those under which said persons might resume attendance at the school of their previous disability.

Admission With Conditions

An applicant who presents 15 entrance units, and who lacks not more than 2 units in the list of subjects specifically required may be admitted to the freshman class as an "unclassified" student. This deficiency must be removed within one year.

Registration

A special period is set for the admission of students during each semester known as **registration period**. All freshmen are required to participate in Freshman Orientation. (See College Calendar and Student Handbook). All entering students are required to take certain placement tests and psychological examinations.

Before presenting himself for registration the student should have received a letter of admission from the Registrar of the College. Such a letter must be in his possession at registration.

The term "Registration" means that the student shall pay required fees, secure an approved program of study, and take the health examination.

Any student who fails to comply with the requirements for registration within seven days from the date that classes begin will be subject to a charge of \$1.00 for each succeeding day until his or her registration is completed; and if the student's registration is not completed within fifteen days, he shall not be permitted to register until he has secured special permission from the Dean and has paid the required fees.

Definition of Resident and Non-Resident Students

Students who are minors are considered to be resident students, if at the time of their registration their parents or legal guardians have been residents of Delaware for at least one year.

Adult students are considered to be resident students if at the time of their registration they have been residents of Delaware for at least one year.

The status of a student's residence is determined during the time of his first registration at the college. It may not thereafter be changed by him unless he moves to and becomes a legal resident of Delaware by maintaining residence in the state for at least one full calendar year prior to his next registration.

Students registered as residents of the State of Delaware whose parents move out of the state during any year of their study at the college will not be considered non-residents for that year. However, they will be so considered for the year(s) following.

GENERAL REQUIREMENTS FOR ALL DEGREES

Candidates for a degree must:

1. Fulfill all freshman entrance requirements;
2. Complete a minimum of 121 prescribed semester hours of work;
3. Earn as many grade points as semester hours accumulated;
4. Earn, at least, a grade of "C" in each course in his fields of specialization;
5. Complete the last 30 hours of his work in this college with at least 30 grade points.

GRADUATION WITH HONORS

No honor is awarded unless the candidate has been a resident of the college for at least three years (ninety-semester hours).

Honors are awarded at graduation under the following circumstances.

With Highest Honor for a scholastic average of 2.75

With High Honor for a scholastic average of 2.50

With Honor for a scholastic average of 2.25

A student is eligible for graduation **With Honorable Mention** if he has completed at this institution only the last two years (sixty semester hours) of the work presented for graduation with a scholastic average of 2.50.

EXPLANATION OF SYMBOLS AND COURSE NUMBERS

The first digit of the course number means the level of the course. For example, a 100 course is freshman, and a 400 course is senior. The last digit of the number, when odd, means that the course is usually a first semester course; when even, that the course is usually a second semester course.

PROBATION

A student who, at the end of the first 9-weeks' period in any semester fails to earn a grade point average of 0.7 will be warned.

If a grade point average of 0.7 is not attained by the end of the semester, the student will be placed on probation for the entire succeeding semester with a reduced load of not more than twelve (12) semester hours of work, subject to the written approval of the head of the department in which the student is doing his major work. In order to be removed from probation, a student must earn a grade point average of 1.00 or better. If a student on probation for a semester fails to attain a grade point average of 1.00 for that semester, he shall be suspended for the following semester. At the expiration of this period the student may apply for readmission on probation. If, during the semester of his re-instatement, he fails to earn a grade point average of 1.00, he shall be permanently dismissed from the college.

Participation in extra-curricular activities will be limited for students on probation. A student on probation is ineligible to hold elective positions or to represent the school in any capacity. In order to insure proper observance of this regulation, the names of all students proposed for elective offices or representation in public extra-curricular activities shall be submitted to the Dean for approval.

ADVISORY GRADES

Advisory grades will be given to each student at intervals of nine weeks during the year, and are sent to parents or guardians if circumstances warrant such action.

ABSENCES

When a student has unexcused absences in any course in excess of the number of credit hours which the course carries, the student may receive a failing grade.

ABSENCES AT HOLIDAY PERIODS

Students failing to report for all classes on the day prior to a holiday period and failing to report for all classes after the holiday period will be charged \$3 for each failure, unless excused in writing by the Dean of the College. Teachers are required to report such absences to the Registrar's Office. On the basis of such report the charge will be added to the account of the students.

SCHOLARSHIP REQUIREMENTS AND ACADEMIC STANDING FINAL GRADES

A Semester Hour—Accomplishment in the college course is measured in semester hours of credit. A semester hour is equal to one clock-hour of recitation or lecture work per week for a semester. A minimum of two hours of laboratory work yield one semester hour.

Degrees of accomplishment are indicated by the following method of grading: "A" (90-100), indicates excellent scholarship; "B" (80-89), good; "C" (70-79), fair; "D" (60-69), poor; "F" (below 60), failure. One receiving a grade of "F" must repeat the course if credit is desired.

Under certain circumstances, the Grade "I" is given where work is incomplete. If this grade is not removed by the end of the first six weeks of the student's next semester in residence, it is changed to "F" by the Registrar.

The grade "F" is given when a course is dropped unofficially after the time has expired within which program changes may occur.

"D" is the lowest grade for which credit may be received. However, no "D" grades will be counted toward a major or minor. Final grades are reported by the Registrar to students in February and in June of each year.

GRADE POINTS

The several grades yield points as follows:

A, 3; B, 2; C, 1; D, 0; F, Minus 1 for each semester hour.

Any student who has not earned a minimum cumulative average of 0.7 by the end of the sophomore year will be permanently dropped from the institution.

DEAN'S HONOR LIST

Each term, inclusion in the Dean's Honor List shall be granted to those students who, carrying 12 or more semester hours, have maintained at least a scholastic quotient of 2.0 for the previous semester. In this case the grade points earned must be twice the number of semester hours carried.

BASIS FOR CLASSIFICATION

The basis for classifying students in all Divisions is as follows:

Freshman	0 to 30 semester hours
Sophomore	31 to 60 semester hours
Junior	61 to 90 semester hours
Senior	Over 90 semester hours

VETERANS SERVICE

The college seeks to render every possible assistance to men and women who have served in the Armed Forces of our country. The college is willing, in the interest of veterans, to make reasonable adjustments of its normal requirements for admission and advanced standing. It is advisable, therefore, that all service personnel who are planning to take advantage of the educational services of the college under the provisions of Public Law 346 (or 550) should, as soon as possible, obtain a Certificate of Eligibility and Entitlement from the Veterans Administration and present this on arrival to the Business Manager.

Disabled service men are eligible for training and vocational rehabilitation under the provisions of Public Law 16.

In general the college has taken the following definite steps to meet the problems of adjustment in academic credits for veterans entering or returning to the institution.

(a) Students who left high school before graduation in order to enter the service, or students who may present supporting evidence, including performances on scholastic, aptitude and other tests required by the college, will be admitted if it is thought that their chances for success in college are good.

(b) The college will extend credit toward a degree for virtually all studies pursued under the general supervision of the Armed Forces insofar as they are of value in the degree program selected by the student. Applicants should inquire and have such studies evaluated by the Registrar before enrolling.

(c) Students who have been enrolled in the institution and who were in good standing when they left will be given priority upon application for admission.

(d) All veterans will be personally responsible for all fees and expenses not paid by the government.

While special considerations are made in behalf of the returning service men and women, this does not mean that they are set apart from the college community as a group to themselves. This we consider neither practical nor desirable in our collegiate family. The entire student body is expected to work together as well adjusted parts of the whole. This position we believe to be psychologically sound and educationally defensible. All problems of an educational, social, or financial nature will be referred by the Director of Student Personnel to the appropriate college agency or agencies for full information and adjustment.

REGULATIONS GOVERNING WITHDRAWALS BY STUDENTS WHO ENTER THE ARMED FORCES

1. A student who enters war service during a semester in which he is enrolled will receive a credit of W|P in each course if passing, unless before leaving he took, with permission of the Dean of the College and the instructors concerned, an examination covering the entire course. If a student passes the examination he will receive credit for the course. If a student who has been passing the course fails such an examination he will receive a grade of incomplete.
2. When a student who has received the grade of W|P returns, he may, with permission of the Dean of the College and the instructors concerned, take an examination covering the entire course in order to earn credit for it. However, he may drop the course without receiving a failing grade if he so desires. Under these circumstances, W|P will be recorded for the student.
3. Credits will be given for courses taken in various army and navy educational programs, in accordance with the recommendations of the American Council on Education.

PROCEDURE FOR OFFICIAL WITHDRAWAL

Students wishing to withdraw officially from the college must, in the Office of the Registrar, fill out in duplicate a withdrawal form. Leave both copies in the Office of the Registrar.

After this has been done the Registrar will send one copy of the withdrawal form to the Office of the Dean, which in turn will notify the instructors concerned. When a student follows this procedure in withdrawing he is to receive either W|F or W|P, depending upon the quality of work at the time of withdrawal.

Failure to follow this procedure results in an "F" being placed beside all the courses in which the student registered for the semester concerned.

A student receives W|P only if he withdraws from a course before the last day set for changing programs in any given semester.

N. B.—The provisions of this publication are not to be regarded as an irrevocable contract between the student and Delaware State College. The College reserves the right to change any provision or requirement at any time within the student's term of residence. The College further reserves the right at any time to ask a student to withdraw when it considers such action to be in the best interests of the College.

DEPARTMENTS OF INSTRUCTION

The instructional work of the college is organized as follows:

I. Area of Arts and Sciences

1. Department of Biological Sciences
2. Department of Education and Psychology
3. Department of Literature and Languages
4. Department of Health and Physical Education
5. Department of Music Education
6. Department of Physical Sciences
 - (1) Chemistry, (2) Mathematics-Physics
7. Department of Social Sciences
 - (1) Sociology, (2) Economics,
 - (3) History, (4) Business Administration,
 - (5) Humanities.

II. Area of Vocational Education

1. Department of Agriculture
 - (1) Agricultural Education, (2) Vocational Agriculture.
2. Department of Business Education
 - (1) Business Education, (2) Secretarial Sciences.
3. Department of Home Economics
 - (1) Home Economics Education,
 - (2) Vocational Home Economics

THE AREA OF ARTS AND SCIENCES

The area of arts and sciences undertakes, first of all, to offer to students in all areas the essentials of general education at the college level. It also offers courses which students majoring in other areas may elect as means of developing intellectual tools and of broadening their learning. In addition to these service functions, the division of arts and sciences offers opportunities to pursue major concentrations in biology, chemistry, English, history, mathematics, and sociology. Concentrations in English, history and sociology lead

to the bachelor of arts degree; concentrations in biology, chemistry, mathematics, elementary education, health and physical education, music education, and secondary education, lead to the bachelor of science degree.

Freshman and Sophomore Years

The work of the freshman and sophomore years is largely prescribed. Students will follow the programs tabulated below.

Program for the Bachelor of Arts Degree (For Students Majoring in English, History, and Sociology)

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Natural Science (Biology 101 or Chemistry 101)	4	Natural Science 102 (Biology or Chemistry)	4
Foreign Language	3	Foreign Language	3
History 101	3	History 102	3
Physical Education 101	1	Physical Education 102	1
Education 101	1	Health Education 101-102	2
	<u>15</u>		<u>16</u>

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Foreign Language 201	3	Foreign Language 202	3
Physical Education 201	1	Physical Education 202	1
Psychology 201	3	Elective in major	3
Elective in major	3	History 104	2
English 103	2	Education 204	3
	<u>15</u>		<u>15</u>

Program for the Bachelor of Science Degree (For Students Majoring in Biology, Chemistry, and Mathematics)

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Foreign Language	3	Mathematics 102 or	
Mathematics 101 or		Biology 102 or Chemistry 102	3-4
Biology 101 or Chemistry 101	3-4	Foreign Language	3
Physical Education 101	1	Physical Education 102	1
Psychology 101	3	Health Education 101-102	2
History 101	3	History 102	3
Education 101	1		
	<u>14-15</u>		<u>15-16</u>

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Foreign Language	3	Foreign Language	3
Psychology 201	3	Physical Education 202	1
Physical Education 201	1	Science Elective or	
Science Elective or		Mathematics	3-4
Mathematics	3-4	History 104	2
English 103	2	Education 204	3
	<u>15-16</u>		<u>15-16</u>

Social Science Requirements for the A. B. and B. S. Degrees

All students who are working for the A. B. or B. S. Degrees are required to elect six (6) hours in the field of Social Science above the basic freshman courses.

Junior and Senior Years

The work of the junior and senior years for both of these degrees is elective. The curriculum of each student will be set up upon consultation between the student and his major professor, and must be approved by the Dean.

All sophomores are required to take a comprehensive examination covering the work in general education of the freshman and sophomore years.

PRE-PROFESSIONAL COURSES

Students desiring to enter the fields of medicine, dentistry, nursing, veterinary science, or public health, are given a two-, three-, or four-year curriculum in the area of Arts and Sciences. Each curriculum is made up in accordance with the student's chosen field. Only a four-year curriculum leads to the degree of Bachelor of Science or Bachelor of Arts.

Students preparing for the study of law are advised to elect courses in English, French, History, Economics, Sociology, Psychology, Biology and Mathematics.

Students preparing for study of medicine or dentistry should include in their preparation the following courses:

Required Subjects:	Semester Hours
Chemistry, Inorganic and Organic	12
Physics	8
Biology, General	8
English Composition and Literature	6
Other Non-Science subjects	12
Subjects Strongly Urged:	
A Modern Foreign Language	12
Advanced Zoology	4-8
Psychology and Humanities	3-6
Advanced Mathematics, including Algebra and Trigonometry	3-6
Additional courses in Chemistry	3-6
Additional Suggested Electives:	
English (additional), Economics, History, Sociology, Mathematics.	

It is the policy of Delaware State College to require those students who plan to study medicine to complete the regular four-year course, with a Bachelor of Science Degree. The courses of study are so arranged that the courses listed above may be pursued in addition to many others which will not only meet the entrance requirements of first-class medical schools, but will greatly increase the cultural background of the prospective doctor.

The departmental consultants will give students specific information and advice relative to these courses.

In addition to the requirements stated above, each department that offers major and minor concentrations requires certain courses and course sequences.

CONCENTRATION REQUIREMENTS FOR MAJORS AND MINORS

BIOLOGY

Major: 27 semester hours in Biology distributed as follows: Biology 201, 202, 204, 301, 303, 305, and 401.

Minor: 20 semester hours in Biology distributed as follows: Biology 201, 202, and 401.

Biology 101-102 are prerequisites to these courses. All majors are required to take in addition, Mathematics 101-102, Chemistry 101-102, Physics 201-202, English 103 or 104, twelve semester hours of French and twelve semester hours of the social sciences.

CHEMISTRY

Major: 30 semester hours in Chemistry, distributed as follows: Chemistry 203-204, 301-302, 401-402 and 403-404. Chemistry 101-102 is a prerequisite to these courses.

Minor: 20 semester hours in Chemistry, distributed as follows: Chemistry 201, 301, and 302. Prerequisite: Chemistry 101-102. All majors are required to take in addition Mathematics 101-102, Mathematics 201-202, Biology 101-102, English 103 or 104, Physics 201-202, twelve semester hours of French and twelve semester hours of the social sciences.

ENGLISH

Major: 30 semester hours in addition to English 101-2.

Minor: 20 semester hours in addition to English 101-2.

PROPOSED FOUR YEAR PROGRAM

for

MAJORS IN ENGLISH

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
French 101 or 201	3	French 102 or 202	3
History 101	3	History 102	3
Physical Education 101	1	Natural Science 102	4
Natural Science 101	4	Physical Education 102	1
Education 101	1	Health Education 101-102	2
	15		16

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
English 203	3	English 204	3
English 103	2	French 202 or 302	3
French 201 or 301	3	Psychology 204	3
Psychology 201	3	Physical Education 202	1
Physical Education 201	1	History 104	2
	15		15

Junior Year

First Semester	Hours	Second Semester	Hours
English 301	3	English 302	3
English 303 or 305	3	Electives	9
Electives	9	English 304 or 306	3
	15		15

Senior Year

First Semester	Hours	Second Semester	Hours
English 401	3	English 402	3
English 403	3	English 406	3
Electives	9	Electives	9
	15		15

HISTORY

- Major:**
1. A minimum of 40 hours in social sciences in addition to the basic freshman courses.
 2. A minimum of 27 hours in history to include:
 - (a) History 201-202 and History 405.
 - (b) 6 hours each in the following areas:
Ancient-Medieval and Western European History.

- (c) Additional courses to bring the total number of hours in history to at least 27.

3. Economics 201-202, Sociology 201-202.

Minor: 18 hours in history, including History 201-2.

MATHEMATICS

Major: 30 semester hours in Mathematics distributed as follows: Mathematics 203, 204, 205, 206, 303, 305, 306, and 401.

Minor: 21 semester hours in Mathematics distributed as follows: Mathematics 203, 204, 205, 305, and 306.

Mathematics 101-102 are prerequisites to these courses. All Majors are required to take in addition Biology 101-102, Chemistry 101-102, Physics 201-202, English 103 or 104, twelve semester hours of the social sciences, and twelve semester hours of French.

SOCIOLOGY

- Major:**
1. 40 hours in social sciences above the basic freshman courses including a minimum of 27 hours in Sociology, with Sociology 201, 202, 303, 401, and 406 prescribed.
 2. A minimum of 6 hours in general biology, general zoology or an equivalent biological science course.
 3. Psychology 201, Economics 201, and History 201-202.

Minor: 18 hours in Sociology including Sociology 201 and 202.

ECONOMICS

- Major:**
1. 40 hours in social sciences above the basic freshman courses including a minimum of 27 hours in Economics with Economics 201-202, 205-206, 307, 309, and 312 prescribed.
 2. A minimum of six hours in general biology, general zoology or an equivalent biological science course.
 3. Psychology 201, Sociology 201, and History 201-202.

Minor: 18 hours in Economics including Economics 201-202.

SUGGESTED CURRICULUM IN SECONDARY EDUCATION WITH A TEACHING MAJOR AND MINOR

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	History 102	3
History 101	3	English 102	3
Foreign Language 101	3	Foreign Language 102	3
Biology 101 or Chem. 101	4	Biology 102 or Chem. 102	4
Physical Education 101	1	Physical Education 102	1
Education 101	1	Health Education 101-102	2
	<u>15</u>		<u>16</u>

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
English 103	2	History 104	2
Foreign Language 201	3	Foreign Language 202	3
Psychology 201	3	Education 204	3
Physical Education 201	1	Elective (in major)	3
Elective (in major)	3	Physical Education 202	1
	<u>15</u>		<u>15</u>

Junior Year

First Semester	Hours	Second Semester	Hours
Psychology 305	3	Psychology 302	3
Mathematics 101	3	Psychology 204	3
Education 405	3	Mathematics 102	3
Electives (in major and/or minor)	6	Electives (in major and/or minor)	6
	<u>15</u>		<u>15</u>

Senior Year

First Semester	Hours	Second Semester	Hours
Education 403	3	Education 412	6
Electives (in major and/or minor)	12	Electives (in major and/or minor)	9
Education 411	1		
	<u>16</u>		<u>15</u>

Programs of studies leading to degrees in elementary education, health and physical education, and music education are largely prescribed:—

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

Freshman Year

First Semester	Hours	Second Semester	Hours
History 101	3	English 102	3
English 101	3	History 102	3
Biology 101	4	Biology 102	4
Geography 101	3	Geography 102	3
Physical Education 101	1	Physical Education 102	1
Education 101	1	Health Education 101-102	2
	<u>15</u>		<u>16</u>

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Psychology 201	3	Education 204	3
Science 201	3	Psychology 204	3
Music 101	2	Education 102	2
Physical Education 203	2	Physical Education 204	2
English 103	2	History 104	2
	15		15

Junior Year

First Semester	Hours	Second Semester	Hours
Education 301	3	Education 302	3
Education 303	3	Education 308	3
Music 201	2	Psychology 302	3
Psychology 303	3	Music 202	2
History 201	3	History 202	3
Education 201	2	Education 202	2
	16		16

Senior Year

First Semester	Hours	Second Semester	Hours
Education 413	3	Education 400	6
Physical Education 303	3	Science 302	1
Psychology 305	3	Electives	3
Music 301	2	Health Education 308	3
Education 305	3		
Science 301	1		
Education 411	1		
	16		13

CURRICULUM LEADING TO THE DEGREE OF BACHELOR
OF SCIENCE IN HEALTH AND PHYSICAL EDUCATION

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
History 101	3	History 102	3
Biology 101	4	Biology 102	4
Physical Education 101	1	Physical Education 102	1
Physical Education 103	3	Health Education 101-102	2
Education 101	1	Geography 102	3
	15		16

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Biology 203	4	Biology 204	4
Physical Education 203	2	Physical Education 204	3
Psychology 201	3	Psychology 204	3
English 103	2	Education 204	3
Physical Education 201	1	Physical Education 202	1
	15		16

Junior Year

First Semester	Hours	Second Semester	Hours
Physical Education 303	3	Physical Education 302	1
Physical Education 301	1	Physical Education 304	3
Physical Education 307	3	Physical Education 312	3
Mathematics 101	3	Mathematics 102	3
Health Education 306	2	History 104	2
Sociology 201	3	Psychology 302	3
	15		15

Senior Year

First Semester	Hours	Second Semester	Hours
Education 405	3	Physical Education 402	1
Physical Education 401	1	Health Education 404	2
Physical Education 403	3	Health Education 308	3
Sociology 401	3	Education 412	6
Electives	3-4	Physical Education 405	3
Education 411	1		
	14-15		15

CURRICULUM LEADING TO THE DEGREE OF BACHELOR
OF SCIENCE IN MUSIC EDUCATION

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Biology 101 or Chemistry 101	4	Biology 102 or Chemistry 102	4
History 101	3	History 102	3
Physical Education 101	1	Physical Education 102	1
Education 101	1	Health Education 101-102	2
Music Education 105	1	Music Education 106	1
Music Education 107 or 115	1	Music Education 108 or 116	1
Music Education 103	1	Music Education 104	1
	15		16

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Foreign Language 101	3	Foreign Language 102	3
Physical Education 201	1	Physical Education 202	1
Music Education 207	1	Music Education 206	1
Music Education 205	1	Music Education 208	1
Music Education 111	3	Music Education 112	3
Psychology 201	3	Education 204	3
Music Education 215	1	Music Education 216	1
	16		16

Junior Year

First Semester	Hours	Second Semester	Hours
Music Education 203	1	Music Education 316	1
Music Education 201	2	History 104	2
Music Education 305	1	Music Education 202	2
Music Education 307	1	Music Education 306	1
Music Education 311	1	Music Education 308	1
Music Education 321	2	Music Education 302	1
Education 405	3	Music Education 312	1
Foreign Language 201	3	Psychology 204	3
Music Education 315	1	Foreign Language 202	3
	15		15

Senior Year

First Semester	Hours	Second Semester	Hours
Music Education 310	3	Education 412	6
Music Education 303	3	Music Education 304	3
Music Education 407 or 415	1	Music Education 410	3
Elective	3	Elective	3
Education 403	3		
Music Education 402	1		
Education 411	1		
	15		15

CURRICULUM LEADING TO THE DEGREE OF BACHELOR
OF SCIENCE IN BUSINESS ADMINISTRATION

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
History 101	3	History 102	3
Biology 101	4	Biology 102	4
Secretarial Science 101	2	Secretarial Science 102	2
Physical Education 101	1	Physical Education 102	1
Education 101	1	History 104	2
Health Education 101-102	2		
	16		15

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Economics 201	3	Economics 202	3
Geography 101	3	Geography 102	3
Accounting I	3	Accounting II	3
Public Speaking	2	Economic History	3
Physical Education 201	1	Physical Education 202	1
	15		16

Junior Year

First Semester	Hours	Second Semester	Hours
Accounting III	3	Accounting IV	3
Business English	3	General Business	3
Business Mathematics	3	Humanities 202	3
Business Law I	3	Statistics	3
Humanities 201	3	Business Law II	3
	15		15

Senior Year

First Semester	Hours	Second Semester	Hours
Auditing	3	Managerial & Cost Accounting	3
Salesmanship	3	Taxation	3
Money & Banking	3	Government & Business	3
Advertising	3	Insurance	3
Marketing	3	Business cycles	3
	15		15

DIVISION OF VOCATIONAL EDUCATION

The division of vocational education, which includes departments of agriculture, business education, and home economics, offers both professional courses set up to prepare students for educational service and technical courses set up to develop production abilities. Some of these courses may be selected by students in the arts and sciences as electives.

Each curriculum leads to a specialized objective and is made up almost completely of prescribed courses.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR
OF SCIENCE IN AGRICULTURE OR IN
AGRICULTURAL EDUCATION*

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Chemistry 101	4	Chemistry 102	4
Physical Education 101	1	Physical Education 102	1
Education 101	1	Health Education 101-102	2
Agriculture 103	3	Agriculture 102	3
Agriculture 105	3	Biology 102	4
	15		17

Sophomore Year

First Semester	Hours	Second Semester	Hours
Physical Education 201	1	Physical Education 202	1
Biology 303	3	Chemistry 206	4
Economics 201	3	History 104	2
Agriculture 205	3	Agriculture 206	3
English 201	3	English 202	3
Psychology 201	3	Agriculture 204	3
	16		16

Junior Year

First Semester	Hours	Second Semester	Hours
Agriculture 301	3	Sociology 204	3
Biology 305	4	Agriculture 302	3
Agriculture 201	2	Agriculture 304	3
Agriculture 313	3	Agriculture 202	2
Agriculture 309	3	Agriculture 308	3
	15	Agriculture 310	3
			17

Senior Year

First Semester	Hours	Second Semester	Hours
Education 407	3	Education 412	6
Education 415	3	Education 416	3
Agriculture 401	3	Agriculture 414	3
Agriculture 403	2	Agriculture 312	2
Agriculture 311	2		
Education 405	3		
Education 411	1		
	17		14

*Students not planning to teach will pursue courses in production in lieu of Psychology and Education.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS EDUCATION

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Chemistry 101	4	Chemistry 102	4
Physical Education 101	1	Physical Education 102	1
Health Education 101-102	2	Home Economics 102	3
Education 101	1	Home Economics 105	3
Home Economics 101	3	Home Economics 104	3
Home Economics 103	3		
	17		17

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
History 101	3	History 102	3
Chemistry 205	4	Psychology 204	3
Home Economics 205	3	Biology 204	4
Psychology 201	3	Home Economics 204	3
Physical Education 201	1	Physical Education 202	1
	17		17

Junior Year

First Semester	Hours	Second Semester	Hours
Psychology 305	3	Education 306	3
Biology 305	4	Home Economics 202	3
Home Economics 201	3	Home Economics 206	3
Home Economics 301	3	Home Economics 304	4
Physics 203	3	History 104	2
	16	Sociology 204	3
			17

Senior Year

First Semester	Hours	Second Semester	Hours
Sociology 401	3	Home Economics 314	3
Education 307	3	Education 412	6
Education 405	3	Electives	6
Home Economics 305	6		
English 103	2		
Education 411	1		
	18		15

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN HOME ECONOMICS

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Chemistry 101	4	Chemistry 102	4
Physical Education 101	1	Physical Education 102	1
Health Education 101-102	2	Home Economics 102	3
Education 101	1	Home Economics 105	3
Home Economics 101	3	Home Economics 104	3
Home Economics 103	3		
	17		17

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
History 101	3	History 102	3
Physical Education 201	1	Psychology 204	3
Chemistry 205	4	Physical Education 202	1
Home Economics 205	3	Home Economics 204	3
Psychology 201	3	Biology 204	4
	17		17

Junior Year

First Semester	Hours	Second Semester	Hours
Biology 305	4	Home Economics 208	3
Home Economics 207	3	Home Economics 206	3
Economics 201	3	Home Economics 312	3
Home Economics 301	3	Electives	6
English 103	2	History 104	2
	15		17

Senior Year

First Semester	Hours	Second Semester	Hours
Home Economics 305	6	Home Economics 314	3
Home Economics 308	3	Electives	6
Home Economics 401	3	Home Economics 404	6
Home Economics 402	3		
	15		15

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN BUSINESS EDUCATION

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Bio. 101 or Chem. 101	4	Bio. 102 or Chem. 102	4
Physical Education 101	1	Physical Education 102	1
Health Education 101-102	2	Sec. Sci. 102 (Typing II)	2
Sec. Sci. 101 (Typing I)	2	Sec. Sci. 104 (Sten. II)	3
Sec. Sci. 103 (Sten. I)	3	History 104	2
Education 101	1		
	16		15

Sophomore Year

First Semester	Hours	Second Semester	Hours
Economics 201	3	English 202	3
English 201	3	Economics 202	3
Econ. 205 (Accounting I)	3	Econ. 206 (Accounting II)	3
Sec. Sci. 201 (Typing II)	2	Sec. Sci. 202 (Typing IV)	2
Sec. Sci. 203 (Sten. II)	3	Sec. Sci. 204 (Steno. IV)	3
Physical Education 201	1	Physical Education 202	1
	15		15

Junior Year

First Semester	Hours	Second Semester	Hours
Econ. 305 (Accounting III)	3	Education 204	3
Bus. Ed. 301	3	Sec. Sci. 302 (Bus. Machines)	3
Special Methods (Ed. 327)	3	Bus. Ed. 308	3
Bus. Ed. 311	3	Econ. Geog. 102	3
Psychology 201	3	Psychology 204	3
	15		15

Senior Year

First Semester	Hours	Second Semester	Hours
Bus. Ed. 401 (Bus. Law)	3	Sec. Sci. 402	3
Sec. Sci. 401	3	Education 412	6
Education 405	3	Elective (In Field)	3
Education 429	3	Psychology 302	3
Sociology 201	3		
Education 411	1		
	16		15

CURRICULUM LEADING TO THE DEGREE OF BACHELOR
OF SCIENCE IN SECRETARIAL STUDIES

Freshman Year

First Semester	Hours	Second Semester	Hours
English 101	3	English 102	3
Bio. 101 or Chem. 101	4	Sec. Sci. 102 (Typing II)	2
Sec. Sci. 101 (Typing I)	2	Sec. Sci. 104 (Steno. II)	3
Physical Education 101	1	Physical Education 102	1
Health Education 101-102	2	History 104	2
Sec. Sci. 103 (Steno. I)	3	Bio. 102 or Chem. 102	4
Education 101	1		
	16		15

Sophomore Year

First Semester	Hours	Second Semester	Hours
English 201	3	English 202	3
Economics 201	3	Eco. 206 (Accounting II)	3
Ec. 205 (Accounting I)	3	Economics 202	3
Sec. Sci. 201 (Typing III)	2	Sec. Sci. 202 (Typing IV)	2
Sec. Sci. 203 (Steno. III)	3	Sec. Sci. 204 (Steno. IV)	3
Physical Education 201	1	Physical Education 202	1
	15		15

Junior Year

First Semester	Hours	Second Semester	Hours
Econ. 305 (Accounting III)	3	Sec. Sci. 302 (Bus. Machines)	3
Econ. 307 (Statistics)	3	Psychology 302	3
Bus. Ed. 301 (Bus. Writing)	3	Elective (non-voc. to be ap- proved)	3
Elective (in Econ. or Sec. Sci.)	3	Elective (may be in field)	6
Psychology 201	3		
	15		15

Senior Year

First Semester	Hours	Second Semester	Hours
Bus. Ed. (Business Law)	3	Sec. Sci. 402	3
Sec. 401 (Dictation & Tran- scription)	3	Elective (non-voc'l. to be approved)	6
Elective (non-voc'l. to be approved)	6	Elective (may be in field)	6
Econ. 403 (Marketing)	3		
	15		15

THE COURSE OFFERINGS

GENERAL COURSES

Entering freshman students find it increasingly difficult to choose, so early in their college careers, the particular areas in which to concentrate during their four years of college study. They can be helped in dealing wisely with the problem of choosing their majors if the necessity of making choices is deferred for at least one academic year, and if during that year they have opportunities to survey the broad fields of human knowledge.

Civilization has become so complex that students who pursue only specialized studies during their college careers find the problems of seeing society as a whole a baffling one. They can be helped in their efforts to see society as a whole and to adjust themselves in their social relationships by courses which deal with larger developments and problems in their various interrelationships.

Certain general courses have been introduced into the college offering for the purpose of assisting studies to achieve sound orientation. Others will be added later.

SURVEY OF HUMANITIES (Humanities 201-202). This Course undertakes to acquaint students with the most significant expressions of man's spirit as found in art, philosophy, music, and religion from ancient times to the present. A one year course carrying three semester hours credit per semester.

INTRODUCTION TO SOCIAL SCIENCE (Sociology 101-102). Through description and analysis of limited number of basic social problems common to all mankind, the student is introduced to the areas, contents, and methods of the major social sciences. A one year course carrying three semester credit hours per semester.

AGRICULTURE

AGRICULTURAL ECONOMICS

304 Farm Management (3)

The problem of organizing, coordinating and managing farm enterprises. A study of the methods used in farm business analysis together with farm accounting and bookkeeping.

309 Marketing Agricultural Products (3)

A study of the principles of marketing as they relate to the farmer. The organization and financial structure of farmers' cooperatives and related organizations. Market types, methods and usages.

101 Agricultural Orientation (1)

The purpose of this course is to assist in acquainting the new student with the college and especially the agricultural setup. It aims to assist the student in making individual and social adjustments, developing an appreciation for agriculture and developing an interest in agriculture as a vocation or industry. Conferences, discussions and lectures will characterize the program carried out. All members of the agricultural staff will participate.

403 Agricultural Judging (2)

A study of farm animals, animal products, farm crops and seeds from the standpoint of market and utility selection. The course is designed to develop skill in judging and placing. One lecture, one laboratory period.

AGRICULTURAL ENGINEERING**201 General Farm Shop (2)**

This course is planned for beginners and presents applied information in the use of tools, equipment and materials commonly used in repair, maintenance and upkeep about the farm, farmstead and home. Tool recognition, repair and adjustment, together with activities in woodworking, small construction, cold metal work, painting, glazing, leather work and pipefitting are included. Two laboratory periods. Laboratory fee, \$3.00.

202 General Farm Shop (2)

A continuation of Agriculture 201 covering brick and cement work, plastering, electrical wiring, motors, forging, soldering, sheet metal work and elementary welding and cutting. Two laboratory periods. Laboratory fee, \$3.00.

305 Advanced Farm Shop (3)

A course devoted to perfecting skills in forms of activities, shop planning, drawing, plan reading, making of specifications and bills of materials, making job sheets and lesson plans. This course also includes laying out of foundations and building construction, and is especially designed for prospective teachers of vocational agriculture. Three laboratory periods.

311 Farm Machinery (2)

This course is designed to cover all types of farm machinery used in tillage, seeding, harvesting and processing operations on the farm. A study of their construction, adjustment, repair and operation as well as a comparison of features of efficiency in service and operation is made. Two laboratory periods.

312 Power Machinery and Farm Utilities (2)

A continuation of Agriculture 311 dealing with farm tractors, trucks, motors and farm operated power machines. Operation, adjustment, repair and upkeep are factors studied. Two laboratory periods.

ANIMAL HUSBANDRY**105 Livestock Production (3)**

A study of the market classes and grades of livestock and their production on the farm. A study of breed characteristics as they relate to market production with the chief objectives of the course centering around economy and production efficiency as they relate to selection, feeding, care, management, disease control and marketing. One hour lecture, two laboratory periods.

206 Feed and Care of Farm Livestock (3)

The farm animal feeds, their source, composition, characteristics, and feeding value. Recommended care and feeding practices for dairy and beef cattle, swine, sheep and work-stock. The balancing of rations. Two hours lecture, one laboratory period.

301 Farm Poultry (3)

The practical applications of poultry husbandry are stressed in this course with particular reference to farm conditions. Breeds; selection; feeding; incubation; brooding; management and marketing poultry and poultry products are included in this course. Two hours lecture, one laboratory period.

302 Farm Poultry (3)

A continuation of Farm Poultry, Agriculture 301. Special problems in the poultry industry including broiler production, developing breeding and laying flocks; maintaining accredited flocks; sanitation and health problems; marketing; butchering; poultry disease and parasites are covered in this course. Two hours lecture, one laboratory period.

313 Dairying (3)

Methods in testing and analyzing dairy products. Creamery methods and practices. The care of dairy products on the farm; their manufacture and use. Care, management and feeding of the dairy herd; care and use of dairy equipment; meeting of standards of sanitation and health. Two hours lecture, one laboratory period.

414 Swine Production (3)

The maintaining of the home meat supply by producing swine on the farm. Also the production of swine for market and breeding purposes. Selection of breeds and breeding stock, flushing, breeding, far-

rowing, weaning, and fattening, butchering, curing and marketing are included. One hour lecture, two laboratory periods.

416 Principles of Dairy Technology (3)

A general survey course of the dairy products industry, with emphasis on Delaware, dealing with composition, properties, distribution, testing, processing and handling of milk. Methods of ice cream, butter, cheese making. Pasteurization, bottling, and packaging. Two hours lecture, two hours laboratory. Laboratory fee, \$2.50.

AGRONOMY

102 Field and Forage Crops (3)

An introduction to the fundamental principles of crop production and the study of the more important field crops with emphasis on their importance, distribution, culture, types and varieties and utility value. Two hours lecture, one hour laboratory period.

205 Soils and Fertilizers (3)

In this course a study is made of local soils, their types and structure with special emphasis on those factors which contribute to plant growth. Fertilizers and manure are studied from the standpoint of soil improvement and conservation as well as production of crops. A study of plant food elements, their function and application. Two hours lecture, one laboratory period.

401 Advanced Crop Production (3)

A detailed study of the problems of crop production especially for the state of Delaware and the surrounding territory. The adaptation of crops to the soils; varieties to select; fertilizer; manural crops; rotation; soil management; soil conservation. One hour lecture, two laboratory periods.

HORTICULTURE

204 Fruit Production (3)

Orchard management and fruit production. A general course covering tree and bush groups; their production, harvesting; packing and marketing. Planning the young orchard, selecting varieties, putting out trees, developing the necessary skills for good orchard management. Two hours lecture, one laboratory period.

306 Pruning and Spraying (3)

Pruning as a factor in orchard and fruit production. Methods and systems used. Use and care of pruning equipment. A study of sprays,

spray materials and spray equipment. The control measures used for various orchard insects and diseases. One hour lecture, two laboratory periods.

308 Plant Pathology (3)

A companion course to Agriculture 306. Laboratory and field study of diseases. Also collection and study of economic insects and their control. Laboratory fee, \$2.50. Two hours lecture, one laboratory period.

310 Vegetable Gardening (3)

Fundamentals in the production of vegetable crops including varieties and types, seed selection and testing, seed bed preparation and culture, harvesting and preparation for market. Also insect and disease control measures. Two hours lecture, one laboratory period.

AGRICULTURAL MATHEMATICS

103 Agricultural Mathematics (3)

Mathematics for the farmer and the agricultural worker. Covers problems in production, marketing, construction, recording, engineering, purchasing and planning. Also problems relating to power farming and farm shop. A review of the fundamentals in mathematics, geometry and algebra as they apply to the several fields of agriculture.

BIOLOGY

101 General Zoology (4)

An introductory course in animal life involving a study of the structure, development, life history, taxonomy, ecology and the economic importance of the animal kingdom. Two hours lecture, two laboratory periods.

102 General Botany (4)

A study of the morphology, physiology, distribution and evolution of plants. Two hours lecture, two laboratory periods.

201 Vertebrate Zoology (4)

A study of the structure, development, life history, taxonomy, ecology, and the economic importance of the vertebrates. Two hours lecture, two laboratory periods. Prerequisite: Biology 101.

202 Systematic Botany (4)

The classification and identification of plants found in this region. Two hours lecture, two laboratory periods. Prerequisite: Biology 102.

203 Human Anatomy (4)

A study of the general structure and chemical composition of the human body. Two hours lecture, two laboratory periods. Prerequisite: Biology 101.

204 Human Physiology (4)

A study of the functions of the principle organs and systems of the human body. Two hours lecture, two laboratory periods. Prerequisite: Biology 101.

301 Comparative Anatomy (4)

A comparative study of digestion, circulation, respiration, metabolism, excretion, muscular activity and reproduction as exhibited in phylum chordata. Two hours lecture, two laboratory periods. Prerequisites: Biology 101 and 201.

303 Genetics (3)

A study of the fundamental principles of the phenomena of inheritance and their application to plants and animals. Two hours lecture, one laboratory period. Prerequisites: Biology 101 and 102.

305 Bacteriology (4)

A study of the taxonomy, physiology, morphology and cultivation of bacteria with special emphasis on the relation of bacteria to the health of man, animals and plants. Two hours lecture, two laboratory periods. Prerequisites: Biology 101 and 102 or Biology 101 and 204.

401 Embryology (4)

A study of embryonic development of the chick and the pig. Two hours lecture, two laboratory periods. Prerequisite: Biology 201.

BUSINESS EDUCATION**301 Business English (3)**

A course that adapts standard English to the needs of business. Hackneyed or stereotyped expressions are omitted. Practical composition is given with emphasis upon business and writing. An understanding of the more common business terms, situations, conditions, and policies is given. The course attempts to explain and illustrate the fundamental principles that govern all kinds of business letters and reports, and to give practical methods of handling the more typical situations.

305 Salesmanship (3)

A study of the principles underlying the philosophy and techniques of personal selling.

308 General Business (3)

A consideration of functions of business-communication, travel, production, distribution—the organization and operation of a small business. A study of the different types of business, manufacturing, service, merchandising.

311 Business Mathematics (3)

Instruction and drill in fundamental arithmetic skills; study of processes in other areas of mathematics pertinent to business practice.

401 Business Law I (3)

Instruction in fundamental legal principles applicable in connection with contracts, agencies, partnership, corporations and other business situations.

402 Business Law II (3)

Instruction in legal principles pertaining to negotiable instruments, sales, bailments, chattel mortgages, conditional sales, and suretyship. Prerequisite: Business Education 401 (Business Law I).

CHEMISTRY**101-102 General Chemistry (4-4)**

A basic course in chemistry treating the physical and chemical properties of the non-metallic and metallic elements, with special emphasis upon the fundamental principles of the science. The theory and laboratory work in the second semester is devoted largely to the fundamentals of qualitative analysis. Systematic separation and identification of cations and anions are covered. Two hours lecture, two laboratory periods (120 minutes each). Prerequisites: High School Algebra and Geometry.

203-204 Quantitative Analysis (4-4)

An intensive course devoted to a detailed study of the theory and laboratory practice of volumetric and gravimetric analysis of inorganic materials. Two hours lecture, two laboratory periods (120 minutes each). Prerequisites: Chemistry 101-102; Mathematics 101-102.

205 Elementary Organic Chemistry (4)

A short course in elementary principles of organic chemistry intended primarily for students of Agriculture and Home Economics. Three hours lecture, two laboratory periods (120 minutes each). Prerequisite: Chemistry 101-102.

206 Elementary Quantitative Biochemistry (4)

A short course devoted to the elementary principles of quantitative analysis and its applications to materials of biological interest,

intended primarily for students in Agriculture and Home Economics, and minors in Chemistry. Two hours lecture, two laboratory periods (120 minutes each). Prerequisite: Chemistry 101-102.

301-302 General Organic Chemistry (4-4)

A course devoted to a study of the aliphatic and aromatic series of carbon compounds. Two hours lecture, one recitation, two laboratory periods (120 minutes each). Prerequisite: Chemistry 101-102.

401 Organic Qualitative Analysis (3)

A continuation of the study of organic chemistry, with emphasis on the methods of characterization and identification of organic compounds. Two lectures, one laboratory period (120 minutes each). Prerequisite: Chemistry 301-302.

402 Advanced Organic Chemistry (3)

A course devoted to special advanced work in organic preparations and investigations. Two hours lecture, one laboratory period. Prerequisite: Chemistry 301-302.

403-404 Elementary Physical Chemistry (4-4)

The fundamental laws and theories of matter as applied to gases, liquids, solids and solutions are covered. Three hours lecture, one laboratory period (120 minutes). Prerequisites: Chemistry 101; Chemistry 102; Chemistry 203-204; Physics 201-202; Mathematics 201-202.

ECONOMICS

201 Principles of Economics (3)

This is a general introductory course open to all students of sophomore or higher standing. Content: basic economic processes and principles and their operation in the economic order.

202 Economic Problems (3)

The course involves study of selected economic problems against a background of principles developed in the introductory course. Prerequisite: Economics 201.

205-206 Accounting I and II (3)

An elementary course. Considers fundamental accounting principles, concepts of debit and credit, records, simple forms and other basic items.

301 Labor Problems (3)

Major labor problems, such as hours of work, wages, unemployment; the labor movement; the functioning of labor organizations; labor legislation and the courts are studied. Prerequisite: Economics 201 or permission of the instructor.

305-306 Accounting III and IV (3)

Provides instruction in more advanced and complex accounting procedures, particularly those connected with the work of corporations and other modern types of business organization. Prerequisite: Accounting I and II.

307 Statistics (3)

An elementary course which deals with measures of central tendency, distribution, probability, relationship and other techniques used in the manipulation and interpretation of quantitative data.

309 Money and Banking (3)

A study of the principles of money and banking in the United States with reference to the functions of money and credit. Emphasis on the functions of commercial banks, the Federal Reserve System, and other financial institutions.

312 Economic History (3)

The economic development of the United States from the period of settlement to the present time. Emphasis on the origin and growth of leading American industries; changes in industrial organizations; commercial and monetary developments.

314 Business Cycles (3)

A study of factors determining fluctuations in business activity, employment, price levels, and upon the relation of these changes to the management of the business firm.

401 Auditing (3)

Specialized instruction in the making of reports, working papers, schedules and analyses. Typical situations are used and techniques applicable to them are studied.

402 Cost Accounting (3)

Practices and procedures; principles and methods of handling material, labor, and overhead costs; procedures in job orders, process cost systems, and standard costs. Budget principles and managerial control.

403 Marketing (3)

A study of the economic functions of marketing and of the factors, processes, and institutions which condition these functions.

404 Advertising (3)

A study of the creation of advertising ideas and the use of advertisements in business.

406 Taxation (3)

Principles involved in determining taxable net income and the computation of federal income taxes for individuals, partnerships, and corporations.

408 Government and Business (3)

A survey of the social forces which condition management of private enterprise. Emphasis on the relationship between government and business with reference to laws regulating business practices.

412 Insurance (3)

A general insurance course covering fire insurance, casualty insurance, and life insurance.

ELEMENTARY EDUCATION**101 Freshman Orientation (1)**

A course required of all freshmen, designed to facilitate their transition from high school to college. Units on how to use the library, how to study, personal adjustment problems, choosing a vocation and self-evaluation are included.

102 Appreciation of Art (2)

This course aims to develop a knowledge and appreciation of the basic principles and elements of art and to apply them to the content of related courses. Special attention is given to methods of teaching art in the elementary schools and to the collection of materials suitable for the field of training.

201 Fine Arts (2)

This course includes color theory, exercises in line drawing, perspective, charcoal, crayon, pencil, water color, lettering, outdoor sketches, plant life, blackboard, illustrations, border designs, animal drawings, methods of teaching drawing and lesson planning.

202 Industrial Arts (2)

This course includes basketry, bookbinding, clay modeling, cutting lessons, furniture construction, posters, redesigning, textiles, special dies, stencil application, sand table project, toy construction by means of tools and beaver board, weaving and other practical projects in the grade. Fee \$5.00. Two laboratory periods.

301 Teaching of Reading (3)

This course deals with scientific methods of teaching the elementary child how to read effectively. Attention is given to how desirable

habits, skills and appreciations may be developed in and through reading. Some attention is given to the use of reading tests and remedial devices for reading disabilities.

302 Teaching of English in Elementary Schools (3)

English courses of study for elementary schools are studied. Opportunities in which they participate through drills, reviews and recitations concerned with increasing their own skill in correct oral and written usage are provided for prospective teachers.

303 Teaching of Social Studies (3)

This course presents various methods of teaching the numerous phases of community living with special attention being given to community history and geography; social types and groups. Opportunities are provided for constructing units and projects in social studies for the elementary school child.

305 Teaching of Arithmetic (3)

This course emphasizes problems involved in teaching of arithmetic to elementary school children. Subject matter and various methods of presenting quantitative concepts in the first eight grades are appraised and evaluated. Other training provided by the course includes new methods of teaching fundamental number facts as revealed by recent studies in the field; the teaching of long division; common fractions and decimals.

308 Children's Literature (3)

A critical study of literature for the primary and grammar grades. This course is designed for teachers of elementary education.

400 Pre-Service Teaching in Elementary Schools (6)

This course directs attention to how basic principles of learning affect the organization of the elementary school curriculum. As an integral part of the course, experienced elementary school teachers present lessons for the purpose of observation and study. Additional experiences call for the teacher trainees to actually engage in teaching classes at the elementary school level for a period of six weeks.

413 Techniques and Principles of Teaching in the elementary School (3)

This course gives special attention to the nature of the teaching-learning process where the elementary school child is concerned. The following areas are studied: the teacher's daily preparation; the teacher's role in cooperative planning; physical and psychological factors influencing learning; basis for constructing and using teaching devices; principles of growth influencing the organization of the elementary school.

ENGLISH

100-200 Remedial English (0-0)

Required of all students whose performance on the entrance examination is unsatisfactory. English 100-200 and English 101-102 may not be taken concurrently. Student taking this course must successfully complete it before taking English 101-102.

101-102 English Composition (3-3)

A course designed to develop skill and competence in prose composition. Themes, collateral reading and reports. Required of all students.

103-104 Public Speaking (2)

Offered the first and second semesters. Training in the fundamentals of diction and of effective oral expression in prepared and extemporaneous informal speeches. Practice in the techniques of public discussion; panel, round-table and debate. This course may be taken only once for credit.

201-202 Introduction to Literature (3-3)

Reading and discussion of selections of poetry, drama, fiction and essay to acquaint the student with the major literary forms and to develop an appreciation of literature. Required of all students and prerequisite to all advanced courses in literature.

203 Advanced Composition (3)

Additional training and practice in composition. Emphasis is placed upon exposition, the term paper and elementary methods of research. Required for majors and minors. Prerequisite: English 101-102.

204 The English Language (3)

The nature and structure of modern English stressing sentence structure, current usage and vocabulary. Required for majors, minors and those who plan to teach English. Prerequisite: English 101-102.

301-302 Survey of English Literature (3-3)

A study of the works of the great English writers in relation to the literary movements and ideas of their periods.

303 Romantic Literature (3)

A study of poetic theory and its literary expression in the works of Wordsworth, Coleridge, Byron, Shelly and Keats.

304 Victorian Literature (3)

A study of the works of Tennyson, Browning, Rossetti and their contemporaries in relation to literary and social trends.

305 Eighteenth Century Literature (3)

A study of the Augustan Age, emphasizing the works of Defoe, Addison, Steele, Swift, Pope, Dr. Johnson and his circle.

306 Shakespeare (3)

Representative plays from the several literary periods of Shakespeare.

401-402 Surveys of American Literature (3-3)

Significant trends in American Literature and thought as reflected in the works of the major writers.

403 Contemporary Literature (3)

A study of selected writings of major English and American authors from 1900 to the present.

406 Seminar (3)

Correlation of the content of the various courses by review of periods, trends and authors of English literature.

FRENCH

101-102 Elementary French (6)

Essentials of grammar, pronunciation and simple reading. Introduction to civilization through reading.

201-202 Intermediate French (6)

Extensive reading and a grammar review. Further work in civilization through reading in class and collateral reading. Continued oral practice. Prerequisites: 2 years of satisfactory work in high school or French 101-102.

301-302 Survey of French Literature Prior to 1850 (6)

Lectures on the major literary movements in France. Selected reading from each period. Reports. Prerequisites: French 201-202.

303 Modern Literature of France (3)

A study of the most important personalities, movements, and ideas from 1850 to the present.

GENERAL SCIENCE

201 Physical Science Survey (3)

A survey of the physical sciences covering briefly astronomy, mathematics, chemistry, geology and physics.

301-302 Science for Elementary School Teachers (1-1)

A course in nature study including the methods of presenting this material to elementary school pupils. One laboratory period.

GEOGRAPHY

101 Human Geography (3)

This course is concerned with the relationship between man and land, and with changes in these relationships that have been brought about through the growth of applied science.

102 Economic Geography (3)

A study of the location, organization, and importance of the major areas of economic production, such as agricultural, lumbering, manufacturing, fisheries, etc.

GOVERNMENT

201 American Government (3)

Analysis and description of the organization and functioning of the federal government, with some attention to state government. Prerequisite: Sophomore standing.

HEALTH AND PHYSICAL EDUCATION

P. E. 101 Physical Education Skills (1)

Progressive techniques and practice in term sports including touch football, soccer, speedball, hockey and volley ball.

H. E. 101-102—Personal Hygiene (1-1)

Including a study of the principles of personal hygiene and other applications. Supplementary lectures on social hygiene.

P. E. 102 Physical Education Skills (1)

Progressive technique and practice in team sports including basketball, softball, track and field.

P. E. 103 Introduction to Physical Education (3)

Designed to give an overview of the field of physical education.

P. E. 201 Physical Education Skills (1)

Progressive techniques in exercise activities including tumbling and stunts, calisthenics, rope activities, and apparatus work.

P. E. 202 Skills, Rhythmic Activities (2)

P. E. 203-204 Supervised Recreation (2-2)

A study of the theory, technique and problems of leadership and recreation and a mastery of the materials used in recreational programs.

P. E. 312 Kinesiology (3)

The study and analysis of human motion and posture conforming to the laws of mechanics and principles of physiology and anatomy. Prerequisite: Biology 203—Human Anatomy.

P. E. 301 Physical Education Skills (1)

Individual and dual sports including tennis, archery, badminton and table tennis.

P. E. 302 Physical Education Skills (1)

Boxing and wrestling for men. Dance activities for women.

P. E. 303 Teaching Physical Education in Elementary Schools (3)

Methods and techniques of teaching physical education in the elementary schools.

P. E. 304 Teaching Physical Education in Junior and Senior High Schools (3)

Methods and techniques of teaching physical education in junior and senior high schools.

H. E. 306 Health and Safety Education (2)

Health environment, health service and health instruction phases of home and community. Safety education in the home, school and community.

P. E. 307 History and Principles of Physical Education (3)

Interpretation and objectives of physical education; historical and philosophical treatment of objectives and principles.

H. E. 308 School and Community Hygiene (3)

This course makes a study of community agencies concerned with problems of health, with surveys and research projects.

P. E. 401 Physical Education Skills (1)

Advanced techniques in dual team sports and rhythmic

P. E. 402 Coaching of Sports (1)

Techniques of coaching teams and dual sports.

P. E. 403 Organization and Administration of Physical Education (3)

The problems of coordinating health, physical education and athletics in a school program. Professional responsibilities of the director, coach and teacher are emphasized. Scheduling, public relations, care and purchase of equipment, etc., are discussed.

H. E. 404 First Aid (2)

Standard, advanced and instructors' course. American Red Cross certificates are given upon satisfactory completion of each part of the courses listed above.

P. E. 405 Physiology of Exercise (3)

A study of the physiology changes which accompany muscular activity. Particular emphasis is placed on fatigue, physical fitness and the effects of training on the muscular system. Physiological problems of importance to the physical education teacher are analyzed, e. g., ergogenic aids, posture and body types, athletes and longevity, as well as related theoretical and practical subjects.

HISTORY**101-102 Historical Introduction to Western Civilization (3-3)**

The course opens with a rapid survey of major contributions of ancient and medieval civilizations. A brief study of the expansion of Europe follows. The main emphasis of the course is on developments of the past two centuries.

104 History and Government of Delaware (2)

An intensive study of the history and government of Delaware. Required in all curricula.

201-202 History of the United States (3-3)

A survey course in which cultural and social factors are given attention commensurate with their importance. The first semester covers the period 1492 to 1865; and second semester, the period 1865 to the present.

301-302 History of England (3-3)

The social, economic, cultural and political development of the English national state.

305 Ancient Civilization (3)

Some attention is given to early Egyptian and Asiatic civilizations. Major emphasis is placed on those features of Greek and Roman civilizations which have contributed most to modern European civilizations.

306 Medieval Civilization (3)

A survey of political, cultural and social developments from the closing days of the Roman Empire to the end of the 15th century.

The role of the Church and the rise of nation states are carefully studied and interpreted.

307 Latin American History (3)

A brief historical survey of political and cultural developments in the Latin-American countries from the early European conquests to the present.

308 Recent World History (3)

An intensive study of world developments in the 19th century. tury.

312 Economic History of the United States (3)

A descriptive and interpretative study of the growth of the economy of the United States from Colonial times to the present.

405 Historiography (3)

A study of the meaning and scope of history, the methods of research and their application.

HOME ECONOMICS**101 Personal and Social Life and Family Relationship (3)**

A study of personal problems, social and economic life at home and in college as they relate to the principal problems of family and group living. Required of all freshmen students in Home Economics. Elective for all other students. Three lectures.

102 Textiles (3)

A study of textiles from the standpoint of the consumer's interest in the historical background, production, manufacture, quality, suitability and cost. The influence of fiber finish and construction on use and price of household fabrics; testing, identification and collection of fibers. Special emphasis is placed on the newer synthetic fibers. Two lectures, one laboratory. Fee: \$2.00

103 Fundamental Cookery Processes (3)

A study of fundamental cookery processes and the preparation of foods commonly used in the teaching of cookery as well as in the home. The value of skills and techniques in relation to economic and scientific aspects of cookery. Food Preservation. Fee: \$5.00. One lecture, two laboratory periods.

104 Color Design (3)

A study of art principles. Basic course in art, fundamentals of lines and design. Fee: \$3.00. One lecture, two laboratory periods.

105 Clothing Techniques (3)

Basic principles and fundamental techniques in clothing. A study of basic wardrobe needs. Renovation; dyeing; comparison of com-

mercially and home made garments in relation to cost satisfaction, durability and suitability. Complete wardrobe of college students. One lecture, two laboratory periods.

201 Management in Relation to Home Furnishing and Equipment (3)

Selection, arrangement, use and care of household equipment and supplies. Evaluation of procedures to be used in the care of the home; study of time and effort. Home and community sanitation; planning and care of home surroundings. One lecture, two laboratory periods.

202 Art Applied to Daily Living (3)

An appreciation of the artistic possibilities of the home environment. Use of textiles, wood, leather, clay and other materials for home and personal use. Fee: \$3.00. One lecture, two laboratory periods.

204 Clothing for the Family (3)

A study of historic costume as it relates to present day style trends. Adaptation of style to the individual. Practical experience in garment construction from various fibers, for adults and children, with emphasis on cutting, fitting and finishing techniques. Instruction on clothing needs and purchasing techniques for the entire family. One lecture, two laboratory periods.

205 Consumer Education (3)

Study and discussion of the consumer's part in the marketing system and problems arising in the selection, purchasing and care of household and personal commodities. Special reports and shopping projects. Three lectures.

206 Meal Preparation (3)

A study of nutritious meals for families of different income levels; management problems related to the family group. Comparison of commercially and home prepared foods; evaluation of grades and standards. Planning, preparing and serving foods for special occasions. Fee: \$8.00. One lecture, two laboratory periods.

207 Food Preparation (3)

A continuation of Home Economics 103, developing by experimental work the various cookery processes. Fee: \$5.00. One lecture, two laboratory periods. (Elective).

208 Advanced Foods (3)

Special emphasis on the development of skill in preparation of foods, a study of economy in relation to food preparation. A study of demonstration techniques as applied to foods and household appliances. Prerequisite: H. E. 207. Fee: \$8.00. One lecture, two laboratory periods. Required for food majors.

301 Nutrition (3)

Fundamental principles of nutrition; direct application to feeding individuals and families under varying physiological and social conditions. Two lectures, one laboratory period. Fee: \$3.00.

303 Advanced Clothing (3)

Advanced clothing construction. Selection, combination and proper use of textile fabrics. Constructive dress and garment making. Tailoring, application of lines, color and texture to costume draping. One lecture, two laboratory periods.

304 House Planning and Furnishing (3)

Study of houses and their environments in relation to family development. Observation of homes as a basis for planning conveniences, attractiveness and economy for all activities in family living. Experience in securing and furnishing a house for a specific family. Consumer's problems in selecting, purchasing and furnishing a home. One lecture, two laboratory periods. Fee: \$3.00.

**305 Home Management—Home Management House (6)
(Formerly 306)**

Theory and practice in home management in a situation in which students live together as a family for at least six consecutive weeks, having full responsibility for routine duties of a home to give practice in good management on a given income. Marriage problems and family relationships are discussed with emphasis on human values, social and recreational needs of family members. Six weeks residence.

307 Home Care of the Sick (2). (Formerly 302)

General home care of the sick; use of simple and improvised sick room appliances. First aid. One lecture, one laboratory period.

308 Nutrition in Diet and Disease (3)

Application of the fundamental principles of nutrition to the feeding of individuals so as to overcome malnutrition, and the various ways of adjusting the diet to meet dietary needs of individuals in case of disease. Two lectures, one laboratory period. (For institutional management students.) Fee: \$3.00.

310 Pre-Commercial Sewing (3)

This course is designed to give student training, knowledge and skill in shop techniques. Emphasis is placed on power machine operation and factory techniques. Some practice is given in renovation and the making of household furnishings such as slip covers, draperies and curtains. One lecture, two laboratory periods. (Elective.)

312 Experimental Cookery (3)

The use, testing and comparing of different methods of preparation. This course is designed to give students underlying principles of food research methods. Fee: \$10. One lecture, two laboratory periods. (Elective for others; required for food majors.)

314 Child Development and Care (3) (Formerly 305)

Physical, social, emotional and mental development of children from conception to six years. Observation in Nursery School (H. E. 316) three lectures. Required of all Home Economics majors. Elective for others.

316 The Nursery School (3). (Formerly 307)

The organization of a play school. Observation of children in the home and play school. Participation in directing the activities of pre-school children. Class hours by arrangement. Two full mornings weekly.

401 Institutional Management (3)

A study of the methods of scientific management and organization of foods and housekeeping departments to institutions. Purchase and care of equipment for institutions. Opportunity is given for practice in the various phases of management. Three lectures.

402 Quantity Cookery (3)

Practice in handling food in large quantities, making menus, preparing and serving meals in school cafeterias, estimating profit and loss, use of institutional equipment. Principles of cafeteria, school lunch, and nursery school management stressed. Fee: \$5. One lecture, two laboratory periods.

404 Institutional Fieldwork (6)

A continuation of Home Economics 401 with opportunity given for field work in hospitals, schools and restaurants.

LIBRARY SCIENCE

201 Introduction to Library Service (2)

This course aims to familiarize the student on a broad scale with the philosophy and history of librarianship, the administration and operation of school libraries, the art of book selection, with Dewey Decimal Classification and the card catalog, the use of basic library tools, the types of library service and other aspects of library service essential to librarians and teacher-librarians.

202 Fundamentals of Library Service (2)

The primary objectives of this course are to acquaint the student with the organization of a book collection, classification and elementary cataloging, reference work, ordering and accessioning books, and other technical necessities of librarianship. The college library will serve as a laboratory.

MATHEMATICS

101 College Algebra and Introduction to Trigonometry (3)

The fundamental operations, linear equations, quadratic equations, binomial theorem, determinants and introduction to trigonometry. Prerequisite: Two units of high school mathematics or passing a college entrance in mathematics.

102 Plane Trigonometry and Analytic Geometry (3)

Trigonometric functions, identities, radian measures, logarithms, solutions to triangles. The straight line, the circle, conic sections, transformation of coordinates, applications to geometry and physics. Prerequisite: Mathematics 101.

203 College Geometry (3)

Geometric constructions, methods of solution of problems, properties of triangles, harmonic ranges and periods, inversions, poles and polar, orthogonal circles, radical axis and coaxial circles. Prerequisite: Mathematics 102.

204 Solid Analytic Geometry (3)

Lines, planes, surfaces, transformation of coordinates, general equations of the second degree, classification of quadric surfaces. Prerequisite: Mathematics 203.

205 Higher Algebra (3)

Functions and graphs, linear equations, polynomials, permutation and combination, probability, mathematical induction, progressions, arithmetic and geometric series. Prerequisite: Mathematics 102.

206 Theory of Algebraic Equations and Determinants (3)

Complex numbers, solution of cubic and quadratic equations, Horner's and Newton's methods, determinants and systems of linear equations. Prerequisite: Mathematics 205.

305 Differential Calculus (3)

Basic concepts, differentiation of algebraic, trigonometric, exponential and logarithmic functions, maxima and minima, indeterminate forms, applications to geometry and physics. Prerequisites: Mathematics 101 and 102.

306 Integral Calculus (3)

Nature and methods of integration, the indefinite integral, definite integral, infinite series, Taylor's and MacLaurin's series, partial differentiation, centroids, moments of inertia, multiple integrals. Prerequisite: Mathematics 305.

309 Differential Equations (3)

Types of differential equations, linear equations of the second order, solution of differential equations by infinite series, applications. Prerequisite: Mathematics 306.

401 Advanced Calculus (3)

Review of fundamental topics, continuity, improper integrals, fourier series, selected topics. Prerequisite: Mathematics 306.

MUSIC EDUCATION**101 Introduction to Music (2)**

A course designed to acquaint the non-music major with the broad field of music. Emphasis is placed upon the development of musical interests and elementary skills in music reading and writing through participation and listening.

103 Sight Singing (1)

A practical course developing the ability to sing at sight fluently. Material is of the difficulty involved for the average high school course. A study of the principles of tone and rhythm and their recognition through the oral sense, developing the power to visualize, seeing and writing music through dictation.

104 Dictation (1)

Continuation of 103.

105, 106, 205, 206, 305, 306, 405, 406 Applied Music (1)

Voice
Piano
Organ

Instruments—Instruction in applied music (development of performing skills is a basic requirement,)

Applied music instruction is offered in groups and individually.

Students majoring in any of the applied music branches are required to study individually in two private lessons per week throughout all years of the curriculum. Those studying applied music as a minor subject may elect, under certain conditions and with special permission, study in small classes. Students taking applied music for credit will be required in all cases to study with members of the college faculty.

107, 108, 207, 208, 307, 308, 407, 408 Chorus (1)

This course offers a study of choral works with the following topics especially stressed: reading, interpretation, tonal quality, enunciation and diction. One hour per week.

109 Music Appreciation (1)

Lectures on the form and styles of musical composition, including folk songs, art songs, oratorio, opera, fuge, suite sonata, symphony, symphonic poem and shorter instrumental forms. The works of Palestrina, Bach, Haydn, Mozart, Beethoven, and their contemporaries are studied in connection with these forms. Also the works of Schubert, Mendelssohn, Schumann, Chopin, Liszt, and Wagner. This course does not presuppose a technical knowledge of music. One hour per week.

110 Music Appreciation (1)

Continuation of Music Appreciation 109.

111 Harmony (3)

The elements of music notation. A course in chord structure and chord relationship from the melodic and rhythmic basis; harmonization of melodies introducing non-choral tones with primary harmonies. Three hours per week.

112 Harmony (3)

A continuation of the study of harmony. The diatonic chords with the various tones, harmonizing or original melodies, analysis and simple modulation. Three hours per week.

115, 116, 215, 216, 315, 316, 415, 416 Band (1)

First semester: marching band; performance at football games. Meets four times weekly. Second semester: concert band; provides study of concert literature and performance. Meets three times weekly. Four semesters required for non-instrumental majors; seven semesters required for instrumental majors.

201 Public School Music (2)

Ear training and sight singing, relative pitch, notation and study in rhythm. Intervals in major and minor modes. Key signatures. Dictation.

202 Public School Music (2) Methods and Materials

A study of the child's singing voice in the primary grades; matching tones; the treatment of monotones; methods of presenting rote songs; methods of presenting rhythm through simple interpretation and rhythm band. Introduction to note singing in the primary grades. Prerequisite: Music 201.

203 Conducting (1)

The technique of conducting group organizations, choral and instrumental. Instruction, demonstration and practice. One hour per week.

204 **Conducting** (1); continuation of conducting 203.

301 **Methods in Public School Music** (2)

Materials and methods for the intermediate and junior high school grades.

303 **History of Music** (3)

This course covers the development of music from its beginning in ancient medieval and renaissance periods through the classical. Three hours per week.

304 **History of Music** (3)

This course begins with Beethoven and continues through the romantic and modern periods. Three hours per week.

310 **Materials and Methods** (3)

A study of music courses for junior and senior high schools. Problems of organization, methods, voice classification, music clubs, assembly, orchestra and routine work are considered. A list of music suitable for carrying on the various activities is compiled. Music education majors only. Three hours per week.

311 **Brasses** (1)

A practical study of the cornet (trumpet and other brasses) following a modern method of band instruction. Instruments may be rented for a semester.

312 **Strings** (1)

A study of the string choir using the violin as a basic instrument. When possible viola, cello and bass will be studied. Violins may be rented for a semester.

302 **Woodwinds** (1)

A practical study of the clarinet. The Boehm system and other woodwinds. Instruments may be rented for the semester.

321 **Counterpoint** (2)

A study of contrapuntal forms; analysis of thematic construction and smaller forms (e.g., binary, ternary, rondo, etc.). Practical application in written exercises. Prerequisite: Music Education 103-4; 111-2.

402 **Seminar** (1)

This course plan for the music major consists of discussions and investigations of the essential nature of music; principles of criticism and practical application in evaluation of concerts; reports and reading based on the student's needs.

410 **Orchestration and Arranging** (3)

Study of the art of melodic invention, original composition in small forms with reference to the needs of the public school. Word setting accompaniment. Orchestrating and arranging for bands and orchestra. Three hours per week.

PHYSICS

201-202 **General Physics** (4-4)

An elementary treatment of mechanics, heat, light, sound, electricity and magnetism. Two hours lecture, two laboratory periods. Prerequisite: Mathematics 101-102.

203 **Household Physics** (3)

The application of the principles of physics to household devices. Three hours lecture, two laboratory periods.

PSYCHOLOGY

201 **General Psychology** (3)

This course provides for a general study of human behavior. Attention is given to such determinants of behavior as: motivation, interests, physical structures, different types of social groups, heredity, and various environmental factors.

204 **Educational Psychology** (3)

Attention is given to innate abilities and interests of children along with the study of motivational techniques. Current research studies are used to illustrate how the knowledge of principles of human growth and behavior influence the quality of the learning situations.

302 **Educational Tests and Measurements** (3)

This course provides opportunities for studying test usage and construction. It also provides a basis for understanding and applying the results of standardized and non-standardized tests to learning situations.

303 **Child Psychology** (3)

This course provides experiences and opportunities for studying the development of individuals from birth to pre-adolescence. A thorough study is also made of physical, emotional, social and psychological factors underlying the child's development.

305 **Adolescent Psychology** (3)

This course gives special attention to the social and emotional problems adolescents face in adjusting to adult life. Methods of dealing with these problems are evaluated in the light of present day educational and psychological theory.

307 **Psychology of Adjustment** (3)

This course provides opportunity for both the theoretical and practical study of personality development and of its importance in facilitating adjustment to modern day living and problems.

406 Vocational Psychology (3)

This course indicates how basic principles of psychology may be applied to situations in which individuals work and earn a living. Special attention is given to such factors as fatigue, ennui, morale, physical condition and their effect upon the production level of individuals engaged in various types of vocations.

SECONDARY EDUCATION**204 Introduction to Education (3)**

This course is distinctly an orientation and guidance course. It consists of a broad survey and general picture of school situations, techniques and problems.

306 Methods of Teaching Homemaking Education (3)

In this course a study of methods of instruction in homemaking is undertaken. Special attention is given to such procedures as formulating objectives of homemaking education for secondary schools, adults and out of school groups. Texts, references, tests and teaching aid in this field are evaluated as part of the course activities. Prospective teachers of homemaking education are given opportunities to observe actual classroom instruction in this and related fields.

307 Advanced Methods of Teaching Homemaking Education (3)

In this course units of work and lesson plans are developed under guidance of instructors. Prospective teachers and leaders in this field are given opportunity to plan and participate in varied community based activities such as: Fairs, festivals, fashion shows, food and clothing exhibits and other similar types of programs.

327 Methods of Teaching Business Education, I (3)

The principles of teaching and learning are applied to problems of instruction in high school commercial subjects.

403 General Methods in Secondary Education (3)

This course is designed for those preparing to teach in the high school. Current principles of teaching and classroom organization are evaluated in the light of present day socio-economic factors and conditions. Class activities include lectures, observations, and special reports.

405 Principles of Secondary Education (3)

This course emphasizes the importance of objectives in secondary education, the role of the teacher in the realization of objectives, lesson planning, various types of high school curricula, assignments and marking systems.

406 The Junior High School (3)

This course emphasizes the history and evolution of the junior high school as an institution in our culture. Special attention is given to the organization and administration of high schools in representative communities today. Problems connected with planning, coordinating, directing, and reporting are considered.

407 Methods of Teaching Agriculture (3)

This course, through numerous demonstrations, indicates how basic educational principles and techniques may be applied in the teaching of agriculture in the secondary schools. The importance of demonstration as a method is given special consideration. Problems of organization, management and evaluation in departments of agriculture in secondary schools are explored.

412 Pre-Service Training in the Secondary Schools (6)

This course provides experience in observing and participating in responsible practice teaching.

415 Vocational Education (3)

This is a general survey course which has as its main purpose to acquaint prospective high school teachers of agriculture with fundamental principles and policies of teaching agriculture as a vocation. The course also provides for study and interpretation of significant congressional acts affecting vocational education in this country.

416 Special Problems in Agricultural Education (3)

Under the guidance of the instructor the following types of problems are discussed and analyzed: problems in teaching agricultural education; organizing agricultural programs; job analysis; management of an equipment for farms; home projects and community activities; special duties of teachers of vocational agriculture. Prerequisite: Education 407.

429 Methods of Teaching Business Education, II (3)

A consideration of problems, materials and methods in teaching basic business subjects (Economics, Economic Geography, Business English, etc.) in junior and senior high schools.

GENERAL COURSES IN EDUCATION**309 Guidance of Pupils in Elementary and Secondary Schools (3)**

This course deals with the diagnosis of children's behavior and with effective procedures and techniques available for use by teachers and administrators in directing wholesome personality growth.

312 Techniques in Audio-Visual Education (3)

A survey of various types of audio-visual materials and how they can be used by the elementary and high school teacher. Methods of evaluating and preparing these materials are considered during the semester. (One lecture and two laboratory periods per week.)

404 Educational Sociology (3)

A study of the relationship between the society and the school and of the obligations placed upon the school by social change.

408 History and Philosophy of American Education (3)

A survey of the growth and development of organized education in America. Attention is given to important points of view which have influenced the character and direction of American education since 1619.

411 Seminar in Teacher Training (1)

A study of the role of practice teaching and its problems.

SECRETARIAL SCIENCE**101-102 Typewriting I and II (2-2)**

A beginner's course devoted to achieving mastery of the keyboard and the development of speed and accuracy in the manipulation of the machine.

103-104 Stenography I and II (3-3)

An elementary course including theory underlying stenographic recording and building of a vocabulary.

201-202 Typewriting III and IV (2-2)

An advanced course with emphasis placed upon the perfection of skill in the manipulation of the machine. Speed and accuracy are stressed.

203-204 Stenography III and IV (3-3)

Advanced instruction and practice designed to bring the skills of the student up to professional standards.

302 Business Machines (3)

This course provides experience with standard machines which are used in modern business offices, such as machines for computation, for duplication, and graphical presentation.

401 Dictation and Transcription (3)

Attention is concentrated on developing a high degree of skill in the organized use of the basic instruments of the secretary, namely, shorthand, English, and typewriting.

402 Secretarial Practice (3)

Practice is combined with instruction in the routine practices, including filing, in which the secretary engages in day to day office operation.

SOCIOLOGY**201 Introductory Sociology (3)**

Discusses the rise of organized human society; describes and analyzes the major processes; develops a conceptual framework for the systematic study of society. Required of majors and minors.

202 Social Disorganization (3)

Using the concepts and principles developed in introductory sociology, several contemporary instances of social disorganization are studied. Crime, divorce, revolution and war are among the instances to be considered. Required of majors and minors.

301 Juvenile Delinquency (3)

The nature of juvenile delinquency; factors associated with delinquent behavior among youth; methods of prevention and cure.

302 Rural Sociology (3)

The development of rural society in the United States; the structure of rural institutions; rural communities; their functions, programs and problems.

303 Social Psychology (3)

The formation of the person and his behavior through interaction with groups and cultures. Required of sociology majors. Prerequisite: junior or senior standing.

305 Urban Sociology (Formerly the City) (3)

The urban community; its ecology, social processes, organization and problems. Recent urban trends. Prerequisites: Sociology 201 and junior or senior standing.

306 Leadership and Recreation (3)

An attempt to meet the need for both theoretical and practical preparation for work with youth in character building and recreational organizations and programs. A study of the problems of recreation and their social and psychological background; needs of children and youth of different development levels; practical program building.

307 Anthropology (3)

An introductory course.

309 Criminology (3)

The nature and extent of crime in the United States; theories of criminality and of treatment of criminals; description and critical study of methods of caring for criminals.

401 The Family (3)

Historical evolution of the family; family structures and functions; internal processes; problems of the contemporary American family. Prerequisite: junior or senior standing.

402 Courtship and Marriage (3)

An attempt to develop in older youth knowledge, understanding, and attitudes which will enable them to experience courtship and marriage constructively. Applies psychological and sociological principles and the research findings to the problems of these areas. Prerequisite: open to all seniors regardless of major or minor field.

404 Race Relations (3)

The more important minority groups in the United States; problems arising from inter-group contacts; methods of dealing with conflicts: Major emphasis on Negro-white relations. Open to all juniors and seniors regardless of their majors and minors.

405 The Field of Social Work (3)

A systematic presentation of the major fields of social work with an introduction to their several general methods, processes and techniques.

406 Sociological Theories (3)

Description and critical appraisal of the major sociological theories of the nineteenth and twentieth centuries. Prerequisite: Sociology 201 and junior and senior classification.

408 The Sociology of Negro Life (3)

An integrating course. A study of the forces impinging upon the Negro group; the Negro group itself; the social processes as they operate and their products in the form of personality and culture. Prerequisite: senior standing as a sociology major or minor.

NOTICE CONCERNING THE LABORATORY HIGH SCHOOL

With the opening of the comprehensive high school at Middletown for New Castle County and the comprehensive high school at Dover for Kent County, each of the three counties of the state will be in position to provide within its own boundaries four years of high school instruction for its youth. In view of this fact, the Delaware State College High School has been discontinued.

CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

Name	Major Field
Coker, Donald	History
Harrell, Barbara	English
Jackson, Harry	Sociology
Maull, Alice	Sociology
Perkins, Susie	English

BACHELOR OF SCIENCE

Names	Major Field
Bishop, Claudette	Elementary Education
Bond, Marva	Elementary Education
Bowers, Margaret	Elementary Education
Chandler, Gertrude	Elementary Education
DeYoung, Walter	Agricultural Education
Frisby, Gilbert	Elementary Education
Green, Walter	Physical Education
Hanks, Dolores	Elementary Education
Hollis, Alice	Elementary Education
Lane, Kathleen	Elementary Education
LeCompte, Leo	Elementary Education
Lewis, Barbara	Physical Education
Matthews, Addie	Elementary Education
McCoy, William	Physical Education
Mitchell, Alfred	Agricultural Education
Morris, William	Agriculture
Palmer, Virginia	Biology
Priest, Hortense	Business Education
Redding, Gertrude	Physical Education
Smith, Albert	Physical Education
Steele, Nora	Elementary Education
Vestal, James	Agriculture
Waters, Carroll	Music Education
Wright, Hettie	Secretarial Science
Wright, Stephen	Physical Education

1956-57

SENIORS

Name	City and State	Major Field
Bishop, Claudette	Newark, Del.	Elementary Education
Bond, Marva	Newark, Del.	Elementary Education
Bordley, Christine	Wyoming, Del.	Business Education
Bowers, Margaret	Viola, Del.	Elementary Education
Carter, Isaac	Dover, Del.	Biology
Chandler, Gertrude	Wilmington, Del.	Elementary Education
Coker, Donald	Cheswold, Del.	History
Conaway, James	Millsboro, Del.	Sociology
DeYoung, Walter	Dover, Del.	Agricultural Education
Douglas, Delores	Dover, Del.	Business Education
Greene, Walter	Washington, D. C.	Physical Education
Guy, Donell	Wilmington, Del.	Chemistry
Hanks, Delores	Wilmington, Del.	Elementary Education
Harrell, Barbara	Florence, S. C.	English
Hollis, Alice	Wilmington, Del.	Elementary Education
Hudson, Leonard	Brooklyn, N. Y.	Business Administration
Jackson, Harry	Chicago, Ill.	Sociology
Knox, Walter	New York, N. Y.	Elementary Education
Lane, Kathleen	Newark, Del.	Elementary Education
LeCompte, Leo	Odessa, Del.	Elementary Education
Lewis, Rose Mary	Dover, Del.	Business Education
Lewis, Barbara	Avondale, Pa.	Physical Education
Makell, Betty	Annapolis, Md.	Elementary Education
Matthews, Addie	Dover, Del.	Elementary Education
Maull, Alice	Lewes, Del.	Sociology
McCoy, William	Philadelphia, Pa.	Physical Education
Mitchell, Alfred	Dover, Del.	Agricultural Education
Morris, William	Dover, Del.	Agriculture
Palmer, Virginia	Seaford, Del.	Biology
Perkins, Susie	Seaford, Del.	English
Priest, Hortense	Wilmington, Del.	Business Education
Redding, Gertrude	Wilmington, Del.	Physical Education
Scott, William	Smyrna, Del.	Agriculture
Smith, Albert	Washington, D. C.	Physical Education
Smith, Jerry	Middletown, Del.	Biology

Steele, Nora	Millsboro, Del.	Elementary Education
Vestal, James	Washington, D. C.	Agriculture
Vines, Ervin	Rocky Mt., N. C.	Business Administration
Waters, Carroll	Cambridge, Md.	Music Education
Wright, Hettie	Cambridge, Md.	Secretarial Science
Wright, Stephen	Washington, D. C.	Physical Education

JUNIORS

Name	City and State	Major Field
Battle, Albert	South Orange, N. J.	Business Education
Beachum, George	Wilmington, Del.	Physical Education
Biggins, John	Chester, Pa.	Business Administration
Blakey, Donald	Wilmington, Del.	Physical Education
Brittingham, Esther	Lewes, Del.	Business Education
Brown, Charles	Charlotte, N. C.	Physical Education
Cameron, Randolph	New York, N. Y.	Business Administration
Carter, Marlin	Wellsville, Ohio	Physical Education
Casson, Paul	Dover, Del.	Physical Education
Chism, Earl	Washington, D. C.	Business Administration
Collins, Ivory	Wilmington, Del.	Physical Education
Collins, Vera	Wilmington, Del.	Elementary Education
Davis, Augustus	Salem, N. J.	Business Administration
DeYoung, Mary	Dover, Del.	Elementary Education
Drakes, Muriel	Wilmington, Del.	Physical Education
Duffy, Betty	Rehoboth, Del.	Elementary Education
Evans, James	Trenton, N. J.	Business Administration
Faulk, Edith	Wilmington, Del.	Elementary Education
Foster, Joan D.	Dover, Del.	Secretarial Science
Frey, Herman	Dover, Del.	Elementary Education
Griffin, Thomas	Charlotte, N. C.	Physical Education
Henry, Alma	Middletown, Del.	Business Education
Holden, Shirley	Dover, Del.	Physical Education
Jackson, William	Salem, N. J.	Elementary Education
Jones, Clarence	Brooklyn, N. Y.	Business Administration
Lewis, Joseph	Mt. Vernon, N. Y.	Physical Education
Maloney, John	Darby, Pa.	Agriculture
Maloy, Viola	Smyrna, Del.	Elementary Education
Matthews, John	Lewes, Del.	Physical Education
McKenzie, Howard	Elizabeth, N. J.	Physical Education

McSears, Viola	Seaford, Del.	Elementary Education
Murray, William	Philadelphia, Pa.	Elementary Education
Naylor, Carl	Washington, D. C.	Physical Education
Naylor, Greta	Wilmington, Del.	Home Economics
Neal, Ruth	Christiana, Del.	Elementary Education
Oliver, Eula M.	Dover, Del.	Sociology
Pharr, Emmette	Charlotte, N. C.	Elementary Education
Pitts, John	Washington, D. C.	Physical Education
Puckham, Eugene	Laurel, Del.	Elementary Education
Puckham, Robert	Laurel, Del.	Chemistry
Reeves, Herschel	Indianapolis, Ind.	Physical Education
Riddick, Clifford	Philadelphia, Pa.	Physical Education
Sammons, Jacqueline	Wilmington, Del.	Sociology
Saunders, John	Odessa, Del.	Physical Education
Scarborough, James	Frederick, Del.	Mathematics
Smith, Olivia T.	Dover, Del.	Business Education
Smith, Thomas	Asbury, Park, N. J.	Physical Education
Stinson, Aubrey	Harrisburg, Pa.	Biology
Thompson, William	Washington, D. C.	Physical Education
Watson, Elwood	Houston, Del.	Agriculture
White, Vera	Dover, Del.	Elementary Education

SOPHOMORES

Name	City and State	Major Field
Alexander, Robert	Charlotte, N. C.	Elementary Education
Anderson, Thomas	Camden, N. J.	Elementary Education
Arnell, Charlie	Dover, Del.	Business Education
Ballard, Chestene	Washington, D. C.	Elementary Education
Benson, Shirley	Felton, Del.	Biology
Bethel, Francis	Dover, Del.	Elementary Education
Blachnall, Patricia	Wilmington, Del.	Physical Education
Blackwell, Olivia T.	Harrington, Del.	Physical Education
Bordley, Beatrice	Wyoming, Del.	Business Education
Bordley, Bertha	Middletown, Del.	Home Economics
Bratton, Stanford	Frankford, Del.	English
Brown, Ned	Wilmington, Del.	History
Calloway, Janette	Cape May Court House, N. J.	Ele. Edu.
Coverdale, Frederick	Lincoln, Del.	History

Davis, Franklin	Camden, N. J.	History
Davis, Marion	Townsend, Del.	Home Economics
Dixon, James	New Castle, Del.	Physical Education
Downing, Parthenia	Milton, Del.	History
Evans, Donald	Wilmington, Del.	Business Administration
Evans, William	Smyrna, Del.	Elementary Education
Francis, Leola	Cape May Court House, N. J.	Chemistry
Freeman, Elsie	Richmond, Va.	Sociology
Gaines, Leathia	Delmar, Del.	Elementary Education
Givens, Samuel	Worton, Md.	Business Administration
Grooms, Robert	Wilmington, Del.	Chemistry
Harrell, Claudia	Monroe, N. C.	Home Economics
Harris, Reynolds	Dover, Del.	Elementary Education
Harvell, Cornell	Washington, D. C.	Physical Education
Henderson, Emma	Smyrna, Del.	Home Economics
Henry, Betty	Townsend, Del.	Elementary Education
Hill, Minnie	Milford, Del.	Business Education
Jackson, Virginia	Hartly, Del.	Business Education
Jefferson, Melvin	Middletown, Del.	Physical Education
Johnson, Calenia	Delmar, Del.	Elementary Education
Lewis, Edward	Seaford, Del.	Elementary Education
Lewis, Margaret	Stone Harbor, N. J.	Elementary Education
Loper, Kenneth	Wilmington, Del.	Psychology
Loucks, Marcia	Elmira, N. Y.	Chemistry
McCray, Hilda	Frankford, Del.	Elementary Education
McSears, Mary	Seaford, Del.	Elementary Education
Miller, Wilbert	Delaware City, Del.	Physical Education
Mitchell, Naomi	Delmar, Del.	Elementary Education
Moody, James	Dover, Del.	Chemistry
Murray, Harvey	Hurlock, Md.	Agriculture Education
O'Neal, Madeline	Nyack, N. Y.	Home Economics
Peebles, John	Nyack, N. Y.	Physical Education
Perry, Ernest	Brooklyn, N. Y.	Physical Education
Riley, Joyce, C.	Smyrna, Del.	Elementary Education
Smith, Dorothy M.	Milford, Del.	Business Education
Spady, Barbara	Selbyville, Del.	Elementary Education
Swiggett, Dolores	Clayton, Del.	Elementary Education
Tisdale, Robert	Elizabeth, N. J.	Physical Education
Trotman, Claudius	Brooklyn, N. Y.	Physical Education
Turner, Richard	Milford, Del.	Chem. & Mathematics
Walker, Harriette	Seaford, Del.	Elementary Education

Washington, Margaret	Washington, D. C.	Elementary Education
Watson, Equilla	Middletown, Del.	Biology
Watson, Herbert	Lincoln Univ., Pa.	Bus. Administration
Watson, Iris	Clayton, Del.	Home Economics
Watson, William	Dover, Del.	Business Administration
Webb, Roberta	Wilmington, Del.	Physical Education
Wilson, Leon	Wilmington, Del.	Physical Education
Wilson, Washington	Wilmington, Del.	Agriculture
Wood, Jacob	Elizabeth, N. J.	Physical Education
Wright, Constance	Washington, D. C.	Business Education
Young, Esther	Milton, Del.	Elementary Education

FRESHMEN

Name	City and State	Major Field
Allen, Cleo	Eastville, Va.	Physical Education
Anderson, Ronald	Philadelphia, Pa.	Music
Arnell, Roger	Dover, Del.	Biology
Baker, Yvonne	Chesapeake, Va.	Business Education
Barber, John	Pottstown, Pa.	Physical Education
Bell, Harry	Milford, Del.	Agriculture Education
Benson, Delores	New Castle, Del.	Home Economics
Beulah, Ford	Federalsburg, Md.	Agriculture
Blocksom, Doris	Seaford, Del.	Elementary Education
Blockson, Cynthia	Seaford, Del.	Elementary Education
Bolden, Kathryn	Laurel, Del.	Elementary Education
Boney, Swanella	Warsaw, N. C.	Elementary Education
Bordley, Ernestine	Wyoming, Del.	Elementary Education
Boykin, Thomas	Asbury Park, N. J.	Agriculture Education
Branch, Modies	Dover, Del.	Biology
Brown, David	Wilmington, Del.	Bus. Administration
Brown, Willie Mae	Bressler, Pa.	Business Education
Callaway, Walter	Wilmington, Del.	Psychology
Carr, Juanita	Millsboro, Del.	Elementary Education
Carter, Shirley	Dover, Del.	Sociology
Casson, Oliver	Wilmington, Del.	Elementary Education
Cline, Geraldine	Shelby, N. C.	Business Education
Coleman, Gilbert	Nyack, N. Y.	Business Administration
Collins, James	Millsboro, Del.	Biology
Conaway, Mabel	Millsboro, Del.	Sociology
Conway, John	Middletown, Del.	Mathematics
Cooper, Alfreda	Dover, Del.	Elementary Education
Cottman, Valentine	Seaford, Del.	Elementary Education

Crowder, Natalie	Pittsburgh, Pa.	Biology
Davis, Clarence	Roselle, N. J.	Chemistry
Davis, Edward	Pittsburgh, Pa.	Chemistry
Davis, Essie	Salem, N. J.	Home Economics
Dean, Joan	Philadelphia, Pa.	Elementary Education
DeLoatch, Grace	Suffolk, Va.	Elementary Education
Demby, Edward	Dover, Del.	Biology
Denby, Wilhelmenia	Wilmington, Del.	Sociology
DeYoung, Beverly	Dover, Del.	Business Education
Draine, Chauncey	Millsboro, Del.	History
Draine, Robert	Millsboro, Del.	History
Durden, Charles	Atlanta, Ga.	Physical Education
Evans, Francis	Smyrna, Del.	Business Administration
Evans, Mary	Smyrna, Del.	Elementary Education
Ford, William	Clayton, Del.	Agriculture Education
Gipson, Leroy	Cranford, N. J.	Business Administration
Griffin, Ernest	Dover, Del.	Physical Education
Grinnage, John	Wilmington, Del.	Physical Education
Hall, William	Newark, Del.	Physical Education
Harris, Charles	Elizabeth, N. J.	History
Hazzard, Barbara	Milton, Del.	Elementary Education
Hearne, Carolyn	Laurel, Del.	Elementary Education
Hollis, Norman	Wilmington, Del.	Sociology
Holloway, Frank	Atlanta, Ga.	Sociology
Homier, Wallace	Wilmington, Del.	Elementary Education
Irvin, William	Rochester, N. Y.	History
Jackson, Bertha	Dover, Del.	Business Education
Jackson, Joyce	Harrington, Del.	Elementary Education
Jackson, Theodore	New Castle, Pa.	Chemistry
Johnson, Ernestine	Brandywine, Md.	Sociology
Johnson, Vera	Smyrna, Del.	Biology
Joyner, Lemuel	Wilmington, Del.	Mathematics
Kenny, Eugene	Laurel, Del.	Chemistry
Keys, Berelette	Dover, Del.	Elementary Education
LeCompte, Delbert	Odessa, Del.	Chemistry
Lewis, John	Mt. Vernon, N. Y.	Physical Education
Liston, Bailey	Charlotte, N. C.	Physical Education
Marshall, Barbara	Selbyville, Del.	History
Massey, Amelia	Dover, Del.	Business Education
McCray, Ronald	Philadelphia, Pa.	Chemistry
McFarland, Marilyn	Neptune, N. J.	Physical Education
Miles, Elaine	Bridgeton, N. J.	Elementary Education
Miles, Kenneth	Wilmington, Del.	Physical Education

Miller, Daniel	Delaware City, Del.	History
Minus, Edward	Felton, Del.	Business Administration
Moody, Walter	Wilmington, Del.	Psychology
Moore, Raymond	Selbyville, Del.	Physical Education
Mosley, Gardner	Frederica, Del.	Biology
Neal, James	Christiana, Del.	Sociology
Noble, Clifford	Philadelphia, Pa.	Bus. Administration
Parker, Carlton	Wilmington, Del.	Sociology
Parker, George	Wilmington, Del.	Bus. Administration
Perkins, Emma	Newark, Del.	Business Education
Poole, Robert	Philadelphia, Pa.	Elem. Education
Puckham, Wayne	Laurel, Del.	Chemistry
Reed, Edward	Wilmington, Del.	Bus. Administration
Ricketts, Herbert	Seaford, Del.	Mathematics
Robinson, Carl	Philadelphia, Pa.	Chemistry
Roseboro, Ulysse	Charlotte, N. C.	Elementary Education
Ross, Mary	Middletown, Del.	Business Education
Royal, Joseph	Wilmington, Del.	Elementary Education
Royster, Richard	Nyack, N. Y.	Elementary Education
Sammons, Bernard	Wilmington, Del.	Chemistry
Saunders, Leon	Middletown, Del.	Physical Education
Schley, Sylvester	Atlantic City, N. J.	Biology
Scott, Ernestine	Conway, N. C.	Biology
Shockley, Grace	Georgetown, Del.	History
Scott, Leroy	Lincoln, Del.	Elementary Education
Smith, Ethel	Greenwood, Del.	Elementary Education
Starling, James	Lincoln, Del.	Agriculture
Wade, Lillian	Charles City, Va.	Biology
Warren, James	Clayton, Del.	Sociology
Watson, Susan	Houston, Del.	Elementary Education
Williams, Marvin	Atlanta, Ga.	Physical Education
Wilson, Frankye	Seaford, Del.	Home Economics
Wilson, Roger	Dover, Del.	Bus. Administration
Winfield, Warren	Wilmington, Del.	Bus. Administration
Young, Rabia	Pittsburgh, Pa.	Biology

SPECIAL STUDENTS

Name	City and State	Major Field
Csongor, Desider	New York, N. Y.	Chemistry
Frisby, Gilbert	Middletown, Del.	Elementary Education
Harmon, Naomi	Camden, Del.	Elementary Education
Jones, Grace C.	Lincoln, Del.	Elementary Education

