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HOWARD COLLEGE  
BULLETIN

*For The One Hundred and Fourteenth Year*



THE  
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ANNOUNCEMENTS 1955-1956

BIRMINGHAM, ALABAMA

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istrar before the opening of a term and provide: (1) a transcript of all credits previously earned; (2) three letters of recommendation as to personality and character; (3) a health certificate; (4) a small photograph. Howard College will admit a student only if he is in good academic standing in the college from which he is transferring.

The amount of credit allowed will depend upon the standing of the institution the applicant attended and on the nature of the courses he took and the grades he earned. The credits offered must be in harmony with the courses of study in Howard College. From the total number of courses accepted we deduct the amount of credit represented by any grades of D on the record.

A student accepted from another college is required to maintain an average of C in Howard College.

Note. The Registrar will send a letter of admission to each applicant who has met all requirements. A student who wishes to live in a college dormitory must note, however, that this letter of admission does not in itself entitle the applicant to a room. Room reservations must be applied for to the Treasurer. See page 86.

The college grants no degrees to a student without a minimum of two semesters or three summer sessions in residence, and thirty semester hours of credit work.

### REQUIREMENTS FOR THE DEGREES

Howard College grants four degrees: the Bachelor of Arts (A.B.), the Bachelor of Science (B.S.), the Bachelor of Music (B.M.), and the Bachelor of Science in Pharmacy (B.S. in Phar.). The candidate for any degree must complete a minimum of 128 semester hours, 124 of which must be in academic courses carried with an over-all average grade of C. (This means that the number of quality points earned must equal the number of hours attempted.) Not more than four semester hours will be credited in such activity courses as band and choir.

There is no difference in value between the A.B. and B.S. Most students whose interest is in art, drama, history, languages, literature, religion, speech, or related fields, prefer the A.B. because its name seems to imply an emphasis on the liberal arts. For somewhat similar reasons many students who concentrate in the natural, the physical, or the social sciences think the B.S. more nearly describes their total college education. The student makes his own choice and sets the direction of his own concentration.

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All candidates for the A.B. degree must take at least two years of a modern foreign language in college or the second year of a foreign language in college if they have had two years of the same language in high school.

The B.M. and the B.S. in Phar. stand somewhat apart from the A.B. and the B.S. They are professional degrees conferred on the completion of a closely prescribed course of studies covering four years (eight semesters).

THE GENERAL CURRICULUM

In February, 1945, Howard adopted a program of General Education which had the purpose of helping the individual student: 1. To understand the common phenomena in one's physical and biological environment, to apply habits of scientific thought to both personal and civic problems, and to appreciate the implications of scientific discoveries. 2. To participate actively as an informed and responsible citizen in meeting the social, economic, and political problems in one's community, state, and nation. 3. To understand the ideas of others and to express one's own effectively. 4. To recognize the interdependence of the different peoples of the world and one's personal responsibility for fostering international understanding and peace. 5. To understand and enjoy literature, art, music, and other cultural activities as expressions of personal and social experience. 6. To develop for the regulation of one's personal and civic life a code of behavior based on Christian principles and ideals.

In the ten years since the program was promulgated, the faculty has found it necessary to modify the requirements from time to time. The courses which follow and which students without exception are required to take give in the judgment of the faculty that common body of knowledge and experience which every program of general education is designed to provide.

THE PRESCRIBED COURSES

SCIENCE.....8-10 Semester Hours

Students not planning to major in a particular science will take Science I described on the next page.

HISTORY I.....6 Semester Hours

SOCIAL STUDIES.....6 Semester Hours

Every student will take 6 semester hours chosen from two of these fields: economics, political science, or sociology.

ENGLISH I: Communications..... 6 Semester Hours

ENGLISH II: Appreciation of Literature...6 Semester Hours

APPRECIATION OF FINE ARTS.....4 Semester Hours

The courses required here are normally Art IIIa and Art IIIb except for those majoring in Art or Music, respectively.

BIBLE.....6 Semester Hours

For students other than religion majors, the normal courses are Religion Ia and Ib.

Note 1: Students who have less than two and one-half years of mathematics in high school and who make an unsatisfactory score on the placement examination will be required to take one year of mathematics, normally Mathematics I described below.

Note 2: All candidates for the degree of Bachelor of Arts will be required to take two years in one foreign language in college or the second year of foreign language in college if they had two years of the same language in high school.

Note 3: All students except veterans or those excused on a doctor's certificate are required to take four semester hours of physical education.

DESCRIPTION OF THE PRESCRIBED COURSES

In all courses which lend themselves to it in any measure at all, the point of attack is the study of immediate problems. The courses are meant to be specific, and yet related to the whole range of an educated person's interest. Each course puts on the student himself the principal responsibility for his development.

In this curriculum the library becomes the center where students find the material they need. The library and the instructor are the principal sources of information which the students will use on the road to self-education.

SCIENCE I: Two semesters, credit 8 hours. This is a general course in physics, chemistry, and biology intended for students who mean to take only one year of science. Freshmen who wish to major in one of the sciences will take the first course in the field of their choice as a substitute for the Science I of the General Curriculum. Lectures three times a week; laboratory, two hours. Director, PROFESSOR SOUTHERN.

HISTORY I: Two semesters, credit 6 hours. The institutions and culture of today are presented as a bequest of past cultures, and the stream of civilization is followed as a continuous one. Director, PROFESSOR IRONS.

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COMMUNICATIONS I: Two semesters, credit 6 hours. This course should teach the student how to read for the comprehension of ideas, how to acquire a serviceable vocabulary, how to reason soundly, and how to express himself clearly, vigorously, and pleasingly in writing and in speaking. The student is taught the fundamentals of how to gather material and make reports. Director, ASSOCIATE PROFESSOR VAN GELDER.

APPRECIATION OF LITERATURE II: Two semesters, credit 6 hours. This course studies representative complete masterpieces from the world's great literatures. The course is designed to develop in the student a power of discrimination and the habit of evaluating. Director, PROFESSOR PETTIGREW.

APPRECIATION OF THE FINE ARTS III: Two semesters, credit 4 hours. This course is designed to give the student an acquaintance with the masters in the fields of the fine arts, painting, sculpture, architecture, and music, and an appreciation of the works of these masters. Director, ASSOCIATE PROFESSOR WILDER.

MATHEMATICS I: Two semesters, credit 6 hours. General Mathematics is intended for liberal arts students who are not by the nature of their course required to take College Algebra and Trigonometry. In addition to helping students acquire the skills and reasoning ability necessary to solve everyday problems, it is intended to cultivate an appreciation of mathematics through a study of the history of mathematics in the development of civilization. Director, PROFESSOR HESS.

BIBLE I: Two semesters, credit 6 hours. The immediate aim of this course is to acquaint the student with the contents of the Bible. Its further aim is to make the student aware of the continuing spiritual and moral significance of the Bible as a main basis of our culture and of his own thought and conduct. Director, PROFESSOR CHAPMAN.

### AREAS OF CONCENTRATION

MAJOR. Before the end of the sophomore year each candidate for a degree must select a major and a minor area of concentration. These choices must be approved by the heads of the departments selected. Professors in these departments will thereafter be the student's official advisers and must approve the student's proposed schedule at each registration period.

M A major covers a minimum of twenty-four semester hours above the basic courses prescribed in the General Curriculum. Because of the extra credit for laboratory work a major in a science may cover from twenty-six to thirty-six semester hours.

MINOR. A minor is the equivalent of three years of work in a department at a normal rate. It covers a minimum of eighteen semester hours and in the sciences may be twenty-two semester hours, or even more. In general the minor must be chosen in the same group of subjects in which the major lies.

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To encourage a student, the faculty will admit a candidate for the Degree with a grade of C- admitted to candidacy.

1. Have a passing grade in college, a general average of 2.0 and an average of 2.0.

2. Make application for admission not later than the middle of the year.

3. Engage in reading and research not supplied by the course.

4. Submit, at the end of the year, a subject for research.

The directed reading examination must be completed at the end of the second semester.

The same scholar must receive a grade of C- or better on admission to candidacy must be maintained.

The candidate must submit a thesis at least thirty pages in length at the end of the senior year.

Not more than two-thirds of the candidate must stand in the top half of the thesis work of the thesis.

### COURSE

1. EXAMINATIONS. Examinations are given at the end of each semester. A student who has been unavoidably absent from an examination.

2. TESTS. Tests are given at the end of each semester. Tests are not given if a student is absent from a test is a grade of C- or lower than that which is the average in the course.



Summer vacation internships on newspapers, magazines, and at radio stations and advertising departments will be arranged for superior students between their junior and senior years.

All students electing this area of concentration will be required to take Journalism 201, 301, 320, and 321. Other courses should be selected in consultation with the instructor to fit individual needs.

201. INTRODUCTION TO JOURNALISM. Credit, three hours.
300. SUPERVISION OF SCHOOL PUBLICATIONS. Credit, three hours.
301. ADVANCED REPORTING. Credit, three hours.
302. SPECIAL WRITING. Credit, three to six hours.
311. PRESS PHOTOGRAPHY. Credit, three hours.
320. EDITING AND MAKE-UP. Credit, three hours.
321. ADVERTISING PRINCIPLES AND PRACTICES. Credit, three hours.
331. RELIGIOUS JOURNALISM. A course designed to improve the style and general readability of material offered for publication by ministers, church secretaries, or organizational reporters. Credit, three hours.
335. RADIO AND TELEVISION NEWS. Tape recorders will be used for simulated broadcasts and laboratory sessions will include visits to local radio and television studios. Credit, three hours.
340. LAW OF COMMUNICATION. A study of historic freedom of the press battles, legal limitations and privileges, libel, fair comment and criticism, copyright, etc. Credit, two hours.
400. PUBLIC RELATIONS. Designed primarily for those interested in the fields of religion, industry, labor, education, and communications. Credit, two hours.
403. MAGAZINE ARTICLE WRITING. Credit, three hours.
404. MAGAZINE PUBLISHING. Credit, three hours.
410. THE COMMUNITY NEWSPAPER. Credit, three hours.

## MATHEMATICS

PROFESSOR HESS, ASSOCIATE PROFESSOR WHEELER  
ASSISTANT PROFESSOR BISHOP

Pre-medical and pre-dental students and students whose area of concentration is pharmacy, chemistry, physics, business administration, engineering, or mathematics are subject to specific requirements in mathematics and should consult with the heads of the departments concerned.

Students who present more than two units of mathematics for entrance or whose entrance score is sufficiently high are excused from the mathematical requirements of the Nuclear Curriculum.

Ia. and Ib. GENERAL ELEMENTARY COLLEGE MATHEMATICS. Intended for students with low entrance score. Credit, three hours each semester. (These courses were formerly Ic and Id.)

100. INTERMEDIATE COLLEGE ALGEBRA. A course for freshmen whose curriculum requirements include college algebra, but whose grade on the entrance test does not permit their registration for 101. Credit, three hours.

101. COLLEGE ALGEBRA. Prerequisite: One year of high school algebra and a satisfactory score on the entrance test. Credit, three hours.

102. TRIGONOMETRY. Plane and elementary spherical. Prerequisites: Plane geometry and 101. Credit, three hours.

103. ANALYTIC GEOMETRY. Credit, three hours.

109. SOLID GEOMETRY. Credit, three hours.

110. APPLIED FRESHMAN MATHEMATICS. A general course primarily for students in pharmacy. Credit, three hours.

201. DIFFERENTIAL CALCULUS. Credit, three hours.

202. INTEGRAL CALCULUS. Credit, five hours.

203. INTERMEDIATE CALCULUS. Credit, five hours.

205. SOLID ANALYTIC GEOMETRY. Credit, three hours.

301, 302. COLLEGE GEOMETRY. Junior standing. Credit, three hours each semester.

303, 304. THEORY OF EQUATIONS. Junior standing. Credit, three hours each semester.

305. STATISTICS. Credit, three hours.

306, 307. ENGINEERING MATHEMATICS. Credit, three hours each semester.

309. FUNDAMENTALS OF ANALYSIS. Credit, three hours.

311. ARITHMETIC FOR COLLEGE STUDENTS. Credit, two hours.

403, 404. DIFFERENTIAL EQUATIONS. Credit, three hours each semester.

405. EMPIRICAL FORMULAS. Credit, three hours.

408. MATHEMATICS SEMINAR. For thesis or special reading. Credit to be arranged.