

1936 = Total Semester hour credits required -- 120

(note added by archivist)

THE MORGAN STATE COLLEGE BULLETIN 1945<sup>9</sup>

The Bachelor of Science degree will be rewarded to those who satisfactorily complete 120 semester hours of work in the required distribution of courses, 120 quality points, with a major in Biology, Chemistry, Economics, Home Economics, Mathematics, Education, Music Education, or Health and Physical Education and the minimum quality points required in the major.

MINIMUM REQUIREMENTS FOR GRADUATION

Courses and Semester Credits

Credits required of all students .....	30
English 101-102, 103, 104, 125-126 .....	12
History 101-102 .....	6
Health Education 101-102 .....	2
From Division IV (Science) .....	6
Physical Education 101-102, 103-104 .....	4
Major Field .....	30-32
Major supporting courses .....	6-20
Group electives .....	38-54
<u>Total semester hour credits required for degree</u> .....	120

Semester Credit

A class meeting one hour a week per semester yields one semester hour credit or one semester credit. A laboratory period 120 minutes long is considered equivalent to one class hour of 60 minutes.

A Major

A candidate for graduation must complete a major in a field of concentrated study which requires a minimum of 36 semester hours of work. A minimum of six of these hours is in a related field and these are known as supporting courses.

A major must be selected in the sophomore year and any change thereafter in the major field must be approved by the Consultant of the department and the Dean, and must be recorded in the office of the Registrar.

Quality of Work

A candidate for graduation must have earned a minimum of 120 quality points (an average of 1.0) and the number of quality points in the major field of study, including supporting courses, must not be less than the number of semester credits earned.

253-254. **Advanced Choral Conducting.** Two hours, 4 credits.

This course aims to give practical advanced training to students who have already had considerable study and experience. The work will consist of lectures, assigned readings and demonstrations by the instructor and students with choral and instrumental groups. Offered in 1937-38.

**F. Composition**

231-232. **First Course in Composition.** Two hours, 4 credits.

Practical composition in the smaller form from the extended period to the song form with triol for piano, solo and ensemble voices, string and wind instruments. Parallel analysis. Strict two-part counterpoint.

**G. Counterpoint**

241-242. **First Course in Counterpoint.** Two hours, 4 credits.

Counterpoint, its application in the invention of two, three, or more parts and chorale elaborations.

**H. History**

281-282. **Music History.** Two hours, 4 credits.

This course is extensive, including all ascertainable facts regarding musical efforts wherever found, from earliest times to the present, and ranging from the childish attempts of the savage to the monumental achievements of the greatest civilized artists. Offered in 1937-38.

**I. Appreciation**

291-292. **Music Appreciation.** Two hours, 4 credits.

This course is motivated by the following objectives: (1) To enrich experience and establish habits of preferring best music. (2) To develop capacity for rhythm. (3) To stimulate desire to acquire technique and power of expression. (4) To hear simple harmonies. (5) To develop an appreciation of form scheme underlying music.

**GROUP III.—SCIENCE**

PROFESSOR CALLOWAY, *Chairman*

**1. DEPARTMENT OF MATHEMATICS**

PROFESSOR CORNISH, *Consultant.* MR. HURT, MR. PROCTOR.

3-3 Requirements for a Major in Mathematics: Mathematics 101-102, 103, 104, 201, 202, and 12 elective semester hours. Supporting course: Physics 101-102.

M

**101-102. General Mathematics.** Three hours, 6 credits.

C  
A unified course in algebra, trigonometry and analytic geometry. This course will enable the student to get an early working knowledge of mathematical analysis and a conception of the relations of the several branches of mathematics as parts of a unified whole.

**103. Plane Trigonometry.** Three hours, 3 credits.

Definitions and relations of the trigonometric functions, logarithms, solution of right and oblique triangles, trigonometric identities and equations, etc.

**104. Plane Analytic Geometry.** Three hours, 3 credits.

Introduction to algebraic geometry, dealing with such topics as co-ordinate systems, loci and their equations, the straight line, circle, parabola, ellipse, hyperbola, etc.

**105. Solid Geometry.** Three hours, 3 credits.

Properties of straight lines and planes, the polyhedron, cylinder, cone, sphere, etc. Not open to students who present admission credit in solid geometry.

**106. College Algebra.** Three hours, 3 credits.

Quadratics, progressions, permutations and combinations, complex numbers, theory of equations, binomial theorem, determinants, etc.

**201. Differential Calculus.** Three hours, 3 credits.

Development of the theory and formulæ for differentiation with application to geometry and physics.

**202. Integral Calculus.** Three hours, 3 credits.

The notions and operations of the integral calculus, including their application to geometry and physics.

**203. Mathematics of Finance.** Three hours, 3 credits.

The applications of mathematics to interest, annuities, sinking funds, depreciation, valuation of stocks and bonds, life insurance, and building and loan associations. Offered in 1937-38.

**204. Field Work in Mathematics.** Three hours, 3 credits.

Practical applications of trigonometry through simple exercises in measuring and surveying. Instruments whose practical use will be studied are transit, level, sextant, hypsometer, slide rule, etc.

**205. Advanced Calculus.** Three hours, 3 credits.

Simple types of ordinary and partial differential equations, Fourier's series and other expansions, line, surface and space integrals. Offered in 1937-38.