



DESCRIPTION OF COURSES—MATHEMATICS

202. Not offered in Summer, 1941. Offered in alternate years. Offered in 1941-42. Second semester. Credit, 3 hours.

†510, 511—FUNCTIONS OF A COMPLEX VARIABLE

An introductory course in higher analysis. The algebra and calculus of the binary complex variable, with applications to physics, infinite series, Riemann surfaces. Not offered in Summer, 1941. Offered in 1941-42. Course 510, first semester. Course 511, second semester. Credit, 3 hours each.

†520, 521—MODERN ALGEBRA

Designed to bridge the gap between advanced algebra at the college level and the specialized algebraic topics of the later period of graduate study, with considerable emphasis on the geometric applications. Not offered in Summer, 1941. Not offered in 1941-42. Credit, 3 hours each.

530—ALGEBRAIC GEOMETRY

Curves in space of two dimensions, using projective coordinates. Invariants and covariants. Plucker identities, collineations, the Hessian curve, and reduction of singularities by means of the quadratic transformation. Offered in Summer only. Offered in Summer, 1941. Credit, 3 hours.

531—ALGEBRAIC GEOMETRY

Curves and surfaces in space of three dimensions, using projective coordinates. Line coordinates, polars, linear systems, mapping, Cremona transformations and the general cubic surface. Offered in Summer only. Not offered in Summer, 1941. Credit, 3 hours.

540, 541—THEORY OF GROUPS

Theory of groups of finite order. Application of the five fundamental theorems to permutation groups, prime power groups, etc. The power of the group concept to unify the various fields of mathematics and to simplify and condense a large body of mathematical knowledge. Offered in Summer only. Not offered in Summer, 1941. Credit, 3 hours each.

599—MASTER'S THESIS

Students working upon their Master's theses in Mathematics are required to register for this course. Credit, 2 to 5 hours.

Music

*101, 102—SIGHT SINGING AND EAR TRAINING

Fundamental principles of pitch and rhythm as a basis for solfeggio. Recognition and representation on the staff of pitch and

†Courses 510, 511, 520 and 521 are required of all candidates for the Master's degree who major in mathematics. At least three of these courses must be presented for a minor.

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rhythmic combinations. Four hours a week. Course 101 is a prerequisite for Course 102. Course 101, first semester. Course 102, second semester. Credit, 2 hours each.

*103—NOTATION AND THEORY

Writing of major, minor and chromatic scales; use of accidentals, all clefs and key signatures, various forms of rhythm, including notes, rests, and signs. Study of intervals, triads and chords of the seventh and ninth. Three hours a week. Course 101 must be taken as parallel. First semester. Credit, 2 hours.

*104—MELODY WRITING AND ELEMENTARY FORM

Writing of phrase, period and double period melodies illustrating tone tendencies and use of figures and motives. Study of two-part and three-part song forms. Three hours a week. Prerequisite: Music 103. Course 102 must be taken as parallel. Second semester. Credit, 2 hours.

*161, 162—APPLIED MUSIC (Piano)

Foundation study of piano technique. Work graded to the needs of the student, individual and class lessons. One lesson and six hours of practice per week required. Credit, 1 hour each.

*171, 172—APPLIED MUSIC (Voice)

Fundamental principles of voice placing with proper breathing and enunciation. Individual and class work. One lesson and three to five hours of practice per week required. Credit, 1 hour each.

*201, 202—SIGHT SINGING AND EAR TRAINING

Prepared and sight-reading of advanced choral material. Melodic and harmonic ear training. Four hours a week. Prerequisites: Music 101 and 102. Course 201 is a prerequisite for Course 202. Course 201, first semester. Course 202, second semester. Credit, 2 hours each.

203, 204—INTRODUCTION TO PUBLIC SCHOOL MUSIC

Purpose and place of music in the general scheme of education. Two hours a week. Course 203 is a prerequisite for Course 204. Course 203, first semester. Course 204, second semester. Credit, 1 hour each.

*205—HARMONIC ANALYSIS

Singing and identification from hearing of triads and chords of the seventh in all positions and inversions in major and minor and of the common modulations. Harmonic analysis of hymns, part-songs and pianistic writing. Prerequisites: Music 103 and 104. First semester. Credit, 2 hours.

*206—ADVANCED FORM AND ANALYSIS

Study of song form with trio, sonata and rondo forms, variation forms, suites and the fugue. Study from hearing and examina-

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tion of the standard sonatas, string quartets and symphonies. Prerequisite: Music 104. Second semester. Credit, 2 hours.

241, 242—GENERAL MUSIC

Reading by syllable; pitch and rhythm dictation; fundamental musical skills and knowledge of theory; basic elements of music appreciation. Part singing; acquaintance with standard vocal and instrumental compositions suitable for elementary schools. Four hours a week. Course 241 is a prerequisite for Course 242. Course 241, first semester. Course 242, second semester. Credit, 2 hours each.

*261, 262—APPLIED MUSIC (Piano)

Continuation of the development of piano technique. Hymn playing and sight-reading. Individual and class lessons. One lesson and six hours of practice per week required. Credit, 1 hour each.

*271, 272—APPLIED MUSIC (Voice)

Development of vocal technique. Study and interpretation of simple art songs. Individual and class work. One lesson and three to five hours of practice per week required. Credit, 1 hour each.

*281, 282—APPLIED MUSIC (Instruments)

Playing technique in all keys. Attention to development of embouchure, breath control and phrasing. Two lessons per week with assigned practice. Brass wind, first semester; wood wind, second semester. Credit, ½ hour each.

*301, 302—CHORAL LITERATURE

Reading and study of standard choruses, sacred and secular in various combinations. Two hours a week. Prerequisites: Music 201 and 202. Course 301 is not a prerequisite for Course 302. Course 301, first semester. Course 302, second semester. Credit, 1 hour each.

*303, 304—HARMONY

Fundamental principles of chord structure and connections. Use of principal and subordinate chords in all inversions in major and minor keys. Principal dissonant chords, enharmonic tones and modulations. Harmonization melodies and figured basses. Prerequisite: Music 205. Course 303 is a prerequisite for Course 304. Course 303, first semester. Course 304, second semester. Credit, 2 hours each.

*305, 306—HISTORY AND APPRECIATION

The growth of music from ancient to modern times. The study of early Christian music; polyphony, opera, oratorio, cantata and symphony. The significance of the Classical, Romantic, and Modern schools of music. Course 305 is a prerequisite for Course 306. Course 305, first semester. Course 306, second semester. Credit, 2 hours each.

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*307—CONDUCTING

Fundamental principles of conducting. Practice in conducting various types of ensemble music. Two hours a week. First semester. Credit, 1 hour.

*311, 312—CHORAL LITERATURE

Reading and study of cantatas, oratorios and other choral compositions, classical and modern. Two hours a week. Prerequisites: Music 201 and 202. Course 311 is not a prerequisite for Course 312. Course 311, first semester. Course 312, second semester. Credit, 1 hour each.

313, 314—SPECIAL PROBLEMS

Selection of materials, preparation and production of programs for special occasions. Coaching of smaller groups of voices or instruments for artistic rendition. Special projects in arranging and scoring for various combinations of instruments. Course 313 is not a prerequisite for Course 314. Course 313, first semester. Course 314, second semester. Credit, 1 hour each.

315—ORCHESTRATION

Study of the instruments of the symphony orchestra. Practice in arranging selected material for ensemble and full orchestra. Prerequisites: Music 303, 304. First semester. Credit, 2 hours.

*316—ADVANCED HARMONY AND COUNTERPOINT

Further study of dissonant chord material, including altered and mixed chords; modulation and enharmonic writing. Harmonization of given melodies and basses. Key-board improvisation. Prerequisite: Music 303. Second semester. Credit, 2 hours.

*317—MUSIC APPRECIATION

A course in music appreciation designed to give the student increased enjoyment and understanding of music. The subject will be approached through hearing, lecture and participation. Two regular recitations a week with one extra period. Not open to special music students, or to those having credit for Music 305, 306. First semester. Credit, 2 hours.

351—TEACHING OF MUSIC

Methods of teaching music in the elementary school. Prerequisites: Music 241, 242. Four hours a week. Both semesters. Credit, 2 hours.

352—METHODS IN MUSIC—(Music Appreciation)

The basis of music appreciation. Subject matter and methods of teaching music appreciation. Preparation and teaching typical lessons. Prerequisite: Education 309 or equivalent. Second semester. Credit, 2 hours.

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353—METHODS IN MUSIC—(Elementary)

The general problems of music education in the elementary grades. Prerequisites: Education 309, 310. First semester. Credit, 2 hours.

355—METHODS IN MUSIC—(Secondary)

Subject matter and materials for music in the junior and senior high schools. Prerequisites: Education 309 and 310. First semester. Credit, 2 hours.

*361, 362—APPLIED MUSIC (Piano)

Continuation of the development of piano technique. Study of the compositions of early classical composers. Accompaniments for song and rhythm drills. Individual and class work. One lesson and six hours of practice per week required. Credit, 1 hour each.

*363, 364—APPLIED MUSIC (Piano)

Continuation of the development of piano technique. Study of the standard classics for piano. Public performance as accompanist and soloist. One lesson and six hours of practice per week required. Credit, 1 hour each.

*371, 372—APPLIED MUSIC (Voice)

Development of vocal technique. Study of art songs, selection from the standard operas and oratorios. One lesson and three to five hours of practice per week required. Credit, 1 hour each.

*373, 374—APPLIED MUSIC (Voice)

Further development of vocal technique, with special attention to interpretation and artistic performance. One lesson and three to five hours of practice per week required. Credit, 1 hour each.

*381, 382—APPLIED MUSIC (Stringed Instruments)

Correct playing position. Attention to tone, technique, intonation and phrasing. Two classes per week with assigned practice. Credit, ½ hour each semester.

*383, 384—APPLIED MUSIC (Violin)

Development of playing technique and artistic performance. One lesson and five hours of practice per week required. Not open to beginners. Credit, 1 hour each.

*385, 386—APPLIED MUSIC (Violin)

Continuation of Music 383, 384. One lesson and five hours of practice per week required. Credit, 1 hour each.

A—ENSEMBLE SINGING

Open to students in any department of the University, but approval of the Head of the Department must be secured for registration in the course. Required of music students. No credit.

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B—INSTRUMENTAL ENSEMBLE

Registration must be approved by the Head of the Department. Open to students with a reasonable amount of ability in playing some instrument. No credit.

Note—A fee of \$20.00 for Special Music Students and those minoring in the subject, and \$30.00 for all others is charged for each course in Applied Music except Courses 281, 282, 381 and 382.

A fee of \$3.00 per semester for use of piano six hours a week, and a fee of \$5.00 each per semester for brass wind, wood wind and stringed instruments is charged when provided by the University.

Orientation

101—ORIENTATION

Personality development and personal adjustment to college environment. The college curriculum, study methods, time and expense budgets, mental and physical hygiene, etiquette, extra-curricular activities, and vocational interests. Required of all freshmen during their first semester. Both semesters. Laboratory fee, 50 cents. No credit.

Philosophy

(See *Psychology and Philosophy*)

Physical Education

*101, 102—SERVICE COURSES

Required of all freshmen, except those majoring or minoring in Physical Education. Two hours per week. Course 101, first semester. Course 102, second semester. Credit, ½ hour each course.

*103—PERSONAL HYGIENE

A basic course for all future work in health education. Elective for students not taking Physical Education 141. Required of majors and minors in Physical Education. First semester. Credit, 3 hours.

*104—COMMUNITY HYGIENE

Health problems of community life, including control of venereal diseases and tuberculosis. Elective for all students. No prerequisites though Physical Education 103 is advised. Required of majors in Physical Education. Second semester. Credit, 3 hours.

105, 106—ELEMENTARY THEORY AND PRACTICE (Men)

Team games and individual sports, gymnastics, and swimming. Three hours of practice and one hour of theory a week. Course 105 is not a prerequisite for Course 106. Course 105, first semester. Course 106, second semester. Credit, 2 hours each. (†)

†Students with credit for the corresponding general course in Theory and Practice (101, 102, 201 or 202) will receive 1½ hours of credit.

Public School Music

FIRST SEMESTER		SECOND SEMESTER	
Biology 101.....	4	Biology 102.....	4
Modern Language.....	4	Education 102.....	1
Music 101.....	2	English 100 or 101.....	3
Music 103.....	2	Modern Language.....	4
Music 161.....	1	Music 102.....	2
Music 171.....	1	Music 104.....	2
Speech 110.....	3	Applied Music.....	1
Physical Education 101.....	½	Physical Education 102.....	½
	<hr/>		<hr/>
	17 ½		17 ½

FIRST SEMESTER		SECOND SEMESTER	
History 103.....	3	Education 202.....	3
Modern Language or Elective.....	4	History 104.....	3
Music 201.....	2	Modern Language or Elective.....	4
Music 203.....	1	Music 202.....	2
Music 205.....	2	Music 204.....	1
Psychology 201.....	3	Music 206.....	2
Applied Music.....	2	Applied Music.....	2
Physical Education 201.....	½	Physical Education 202.....	½
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	17 ½		17 ½

FIRST SEMESTER		SECOND SEMESTER	
Education 301.....	3	Education 304.....	3
Education 309.....	1 ½	Education 310.....	1 ½
Music 301.....	1	Music 302.....	1
Music 303.....	2	Music 304.....	2
Music 305.....	2	Music 306.....	2
Music 307.....	1	Music 352.....	2
Applied Music or Elective.....	5	Applied Music or Elective.....	4
	<hr/>		<hr/>
	15 ½		15 ½

FIRST SEMESTER		SECOND SEMESTER	
Education 321.....	2	Art 314.....	2
Music 311.....	1	Education 306.....	3
Music 313.....	1	Education 322.....	2
Music 315.....	2	Music 312.....	1
Music 353.....	2	Music 314.....	1
Music 355.....	2	Music 316.....	2
Applied Music or Elective.....	4	Applied Music or Elective.....	3
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	14		14

The amount of work required in Applied Music (Piano, Voice and Instruments) varies from 12 to 18 hours and depends upon the previous training and ability of the student. A special fee of \$20.00 is charged for each course in Applied Music including Music 161, 171. See note on page 163 for other special fees for courses in music.

JOURNALISM

Minor

Students minoring in journalism should follow the curriculum outlined on page 83.

LATIN

Major

First Year—Latin 201, 202, 203, 204	Latin 101, 102
Second Year—Latin 301, 302	Latin 201, 202, 203, 204
Third Year—Latin 312	Latin 301, 302, 312
Fourth Year—Latin 400, 401, 402	Latin 401, 402

Minor

First Year—Latin 201, 202, 203, 204	Latin 101, 102
Second Year—Latin 301, 302	Latin 201, 202, 203, 204
Third Year—Latin 312	Latin 301, 302
Fourth Year—	Latin 312

Students with four years of Latin in high school follow the sequence given in the first column, and those with two years follow that given in the second column.

MATHEMATICS

Major

First Year—Mathematics 101, 102, 103, 104, or equivalent
Second Year—Mathematics 201, 202
Third and Fourth Years—Twelve hours chosen from Mathematics 302, 304, 401, 402, 403 and 405

Minor

First Year—Mathematics 101, 102, 103, 104, or equivalent
Second Year—Mathematics 201, 202

MUSIC

Minor

First Year—Music 101, 102; and 103, 104
Second Year—Music 201, 202; and 205, 206
Third Year—Elective
Fourth Year—Elective

Students must obtain the approval of the head of the department before registering for any of these courses. Courses 101 and 103 must be taken at the same time. Also 102 and 104. Electives may be chosen from Music 301, 302, 303, 304, 305, 306, 311, 312, 316, 317; or may be taken in Applied Music. No credit will be allowed in Applied Music except with the approval of the head of the department and when accompanied by an equal number of hours in music theory. The amount of credit allowed for these courses will be determined by the ability and advancement of the student.

BOWLING GREEN STATE UNIVERSITY

Reservations are not transferable from one student to another or from one year to the next. All dormitory bills are payable in advance in installments of six weeks.

Cooperative Eating Houses

There are four cooperative eating houses sponsored by the University—two for men and two for women. In these cooperatives the students assist in the preparation and the serving of the meals and an allowance of twenty cents per hour is made on their board bill. At the end of each week the total costs for the week are divided by the number of students in the organization and the weekly board cost determined. This has been averaging for all four about \$3.00 per week.

Room And Board In Private Homes

Nicely furnished rooms in private homes may be rented by men or women at from \$1.50 to \$2.00 per week. Students are not permitted to room in homes other than those on the approved list.

Good board may be secured for \$3.50 to \$5.00 per week. A limited number of students rooming in private homes may secure board at the University dormitories at the regular weekly rates.

Fees

Bowling Green State University charges no tuition fee, since it derives the major portion of its income from legislative appropriations. The following fees, which are charged all students, and are payable at the beginning of each semester, cover only a very minor part of the cost of the student's education.

Registration Fee.....	\$30.00
Student Activity Fee.....	7.50
Health Fee.....	2.50
Physical Activity Fee.....	1.50
Library Fee.....	1.00
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Total, each semester.....	\$42.50

The student activity fee includes a paid-up subscription to the University paper and annual. It also entitles a student to admission to all intercollegiate athletic contests and debates, and to certain lectures, entertainments, plays and

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social events. From time to time other worth-while programs are brought to the University for the benefit of its students for which small admission fees are charged.

The health fee entitles a student to medical treatment during the physician's office hours, first aid by the college nurse during the hours in which undergraduate classes are in session, and limited nursing care when unable to attend classes. Students above the rank of freshman are entitled to a physical examination each year. The fee does not include surgical care, special nursing, X-rays, special medication, or any medical care given by physicians other than the one on the University faculty.

The physical activity fee entitles a student to the use of the entire Physical Education plant and equipment, for recreation and for intramural and varsity competition. It also covers the expense of maintaining a towel and swimming suit service which is available to all students.

The library fee entitles a student to the use of all of the facilities of the University library. The money derived from this fee is employed to supplement funds furnished by the state for the purchase of books.

Laboratory Fees

In addition to the general fees listed in the preceding section, additional fees and deposits are charged in connection with some courses. These fees will be found under Description of Courses, starting on page 104.

Music Fees

Special fees are charged in a number of the courses in applied music, in which the student is given individual instruction. A charge is also made for the use of a piano, or other instrument, for practice. These fees are given on page 163.

Part-Time Fees

A student who registers for less than 9 hours and more than 3 hours of work during any semester must pay half of the registration fee (\$15.00) and the full amount of the health, physical activity, library, and student activity fees.

gious life of the student. Students are urged to identify themselves with the local churches and to participate regularly in the services of the church of their choice. All of the churches of the city cordially welcome students to their religious and social gatherings.

The Young Men's and Young Women's Christian Associations each have organizations on the campus and exert a helpful influence in the social and religious life of the students.

Assembly

Assembly exercises are held at frequent intervals. The exercises usually include a brief devotional service followed by an address by a member of the faculty or an outside speaker, or by a special program. Regular attendance at these exercises is urged upon all students.

Addresses And Entertainments

In addition to the assembly program the University maintains an Entertainment Course which each year offers a series of worthwhile lectures and concerts. Students are admitted free to all the numbers of this course.

Speech And Drama

The Department of Speech sponsors all kinds of activities in the field of speech and dramatic arts.

In connection with the work of the debate squad, public forums and round table and panel discussions are held. Students prepare for upwards of seventy-five debates annually. Some of the contests are broadcast. Most of them take place at tournaments in Ohio, but every year there is at least one tournament outside the state. In alternate years representatives of Bowling Green State University attend the national tournament of Pi Kappa Delta, honorary forensic fraternity.

A Speakers Bureau serves the clubs, granges, and other public groups of Northwestern Ohio. Thirty to forty students who have had peculiar and interesting experiences or who are especially proficient in public speaking are selected annually for this work.

The University Players present four major productions each season. Any student enrolled is eligible to try-out for the casts or staffs of these plays. Seventy-five hours of work in any two phases of production entitles one to membership in Masque and Mantle, honorary dramatic arts society. Fresh-

men are eligible to try-out for membership in the Workshop Players, an apprentice group which stages several one-act plays and assists with major productions.

From time to time guest groups are invited to bring their plays to the University. In recent years the Toledo Repertoire Theatre, Clare Tree Major's Children's Players, and the Pitt Players of the University of Pittsburgh have appeared on the local stage.

The number of radio programs broadcast is increasing annually. Some of them are prepared and presented exclusively by the students of speech, while all of the others are announced by such students.

Musical Organizations

There are two glee clubs, one for men and one for women. These organizations meet once each week for the study of part songs and appear publicly several times each year. Open to students possessing good voices and ability to read music.

The mixed chorus, made up of students and faculty of the Music Department, meets twice each week for the study of various choral compositions and appears publicly several times each year. Open also to persons outside the Music Department with approval of director of music.

The University Orchestra meets once each week and appears publicly several times each year. Open to students having sufficient playing ability.

The University maintains two bands—the concert band which appears publicly in concerts, and the marching band, limited to men only, which plays for all major athletic events. Open to students with sufficient playing ability.

Athletics And Intramural Sports

Bowling Green State University is a member of the Ohio Athletic Conference, and conducts an extensive athletic program. Intercollegiate contests with institutions of approved standing are held in football, basketball, track, baseball, cross country, swimming, and tennis. The privilege of participation is limited to those students who are in good scholastic standing. Freshmen are not eligible for intercollegiate sports.

When a student becomes a candidate for a position on any team, it is presumed that he does so with the knowledge