The thistle is the historic national flower of Scotland, the birthplace of a significant part of Presbyterianism. As the college of the Reformed Presbyterian Church, Evangelical Synod, Covenant has always incorporated the thistle in its symbols.
SPECIAL CATALOG SUPPLEMENT ISSUE

This is an unusual issue of GET READY FOR COLLEGE. Most issues are general in nature, including material of interest to students regardless of where they might be going to college.

The publication of Covenant College's annual catalog, however, has been moved to the early fall. Because it is not yet available, this issue will offer in digest form some of the important information usually found in the catalog.

If you are a student still a year or two away from your college choice, we advise you to glance through this information anyway. It will give you a good feel for some of the facts and figures you will have to deal with when the decision is on you. It will also be helpful for comparing Covenant College with other possible choices.

NEW FACULTY MEMBERS

Students at Covenant this fall will enjoy two new choices among the faculty.

One is Miss Nelle VanderArk, who will serve in the English department. Miss VanderArk is a graduate of Calvin College and holds her master's degree in education from the University of Michigan. She has also studied at the University of Chicago and Wheaton College. Besides teaching for a number of years on the elementary and high school level, Miss VanderArk has done significant work in curriculum planning for the National Union of Christian Schools.

With that background in education, Miss VanderArk will also offer some courses in Covenant's education department, enhancing the opportunities for those who want to prepare themselves for the teaching profession.

Mr. John Pokrywka (pronounce that Po-krif'-ka) will come as instructor in philosophy. He is a graduate of Shelton College and Westminster Theological Seminary, and expects to complete his master's degree at the University of Pennsylvania.
Mr. Pokrywka will work under Dr. John Sanderson, popular philosophy professor at Covenant who will return this fall to full-time teaching after serving for several years as academic vice-president of the college.

Mr. Dave Skaer will expand his teaching schedule at Covenant to half-time. With a background at Tennessee Temple College and a master's degree from Michigan State University, Mr. Skaer makes an important contribution in the psychology department.

A NEW FACULTY DEAN

Covenant College has a new faculty dean—the sort of man any Christian student might wish to be part of his own educational experience.

Professor William S. Barker had served for the past year as assistant dean and as a popular teacher in the history department. He is a Phi Beta Kappa graduate of Princeton University and holds his master's degree from Cornell University. He is also a graduate of Covenant Theological Seminary in St. Louis and pastored a suburban church there.

During the past three years, Dean Barker has been completing doctoral studies in history at Vanderbilt University. His preparation to direct a high-quality academic program built on a Christian perspective should be attractive to any serious Christian student.

SUMMER SCHOOL

Covenant College’s summer school is designed for three types of students: those who want to prove they can do college work, those who want to complete core courses in order to be better prepared for concentration on the major field and electives, and those who want some distinctly Christian courses not available at many other colleges.

Students may elect two of the three courses offered, for a total of 6 hours credit. Successful completion of any of the courses will fulfill a requirement of Covenant College’s core curriculum. Each course is worth 3 hours credit.

Summer school dates are July 7 through August 16, 1969.

The total cost is $388, including tuition for two courses, room, and board.

The announced curriculum includes “Bible Doctrine,” taught by Dr. John M. L. Young, and “English Composition” and “The Negro in Modern American Literature,” both taught by Dr. Nicholas P. Barker.
A NEW FIELD REPRESENTATIVE

If you are going to be a senior this coming school year, the chances are pretty good that you'll get a phone call or visit from Covenant College's new alumni representative, Steve Sligh.

Mr. Sligh received his bachelor's degree from Covenant early in May after a noteworthy year as student council president. Now he will spend most of his time visiting alumni of the college throughout the country as well as students who may be interested in learning more about the college.

Steve Sligh is a native of Lakeland, Fla. At Covenant, he majored in science, but also found time to be editor of the sports section of the school paper and to be coach of the junior varsity basketball team.

Because he has so recently been a Covenant student, Mr. Sligh can give you an accurate appraisal of the educational program here as well as other details of college life. If you want to be sure that he visits you when he comes to your part of the country, check the appropriate spot on the coupon on the back page of this issue.

Mr. Sligh will visit a number of camps and conferences during the summer.

FEES AND EXPENSES—1969-70

General
Application fee (payable only once) $10.00
Dormitory equipment fee 10.00
Key deposit 1.00
Tuition, per year (12-17 hours) 980.00
Tuition, for students taking less than 12 hours, per unit 40.00
Tuition, for hours in excess of 17, per unit 22.00
Student Activity Fee, per year 70.00
Health Fee (include nine months' insurance), per year 30.00
Physical education fee, per year 8.00
Library fee, per year 10.00
Graduation fee 25.00
Chorale fee (payable once) 3.00
Residence
Board, per year 555.00
Room in dormitory, per year (includes linen) 330.00
Special
Deposit on fees (not refundable) 50.00
Late registration 10.00
Change in course 5.00
Late placement tests, each 10.00
Examinations at unscheduled hours, each 5.00
Transcripts, after the first, each 1.00
Auto registration fee, per semester 5.00
Transportation to and from trains and planes, to be announced
Auditing fee, per unit 20.00
Music
Fees for Private Instruction: (Per Semester)
For full-time students:
One half-hour lesson weekly 32.00
Two half-hour lessons weekly 64.00
For students enrolled for less than 12 units:
One half-hour lesson weekly 48.00
Two half-hour lessons weekly 96.00
For students not enrolled in the college:
One half-hour lesson 4.00
COLLEGE CALENDAR—1969-70

Summer Session
July 7 Registration, first day of classes
Aug 15 Last day of classes
Aug 16 Final examinations

Fall Semester
Aug 18 Soccer camp begins
Aug 26 New students arrive on campus
Aug 26 Faculty reception for new students and parents
Aug 27, 28 Academic Orientation and Placement Tests for new students
Aug 27-31 Spiritual Life Meetings
Aug 28 Registration of upperclassmen
Aug 29 Registration of freshmen and transfer students
Aug 30 School Outing
Aug 31 Opening Convocation
Sept 1 Classes begin
Oct 8 Grub Day
Oct 17 Mid-semester marks due
Oct 18 Alumni Day
Oct 22-27 Fall recess begins (Wednesday at 1 p.m.)
Oct 24 College for a Day
Oct 28-
Nov 3 Lectures by Dr. Francis A. Schaeffer
Nov 18 Day of Prayer
Nov 27 Thanksgiving Day recess
Dec 5 Christmas banquet
Dec 7 Last day of classes
Dec 13-19 Final exams (excluding Saturday and Monday mornings)

Spring Semester
Jan 6 Registration of upperclassmen
Jan 7 Registration of freshmen and transfer students
Jan 8 First day of classes
Jan 12-17 Art Exhibit
Feb 26 Day of Prayer
Mar 2 Mid-semester marks due
Mar 13-23 Spring recess begins (Friday at 1 p.m.)
Mar 26-30 Christian Thought Conference
Mar 31 Grub Day
April 24 Last day of classes
April 25-
May 1 Final exams (excluding Saturday and Monday mornings)
May 2 Commencement

Concerts, lectures, and other cultural and athletic events are also scheduled throughout the year.

GET READY FOR COLLEGE—Published each month by Covenant College. Publication office: Scenic Highway, Lookout Mountain, Tennessee 37350. Second-class postage paid.
COVENANT COLLEGE's purpose is to help you as a student explore the implications of Christian faith for several specific areas of learning and living, and to encourage your acceptance of those implications as a way of life.

If you want to know what kind of people are responsible for directing and aiding your exploration—the faculty, the administration, the staff—refer to pages 3-7.

If you are interested in the extent of this exploration—which subjects and which courses we seek to relate in this manner—you should refer to the second section of the book, pages 9-72.

The book's third section (pages 73-91) provides a summary of general information about life on the Covenant campus and about the academic program.

The cost of a Covenant education and information about scholarships are outlined on pages 92-98.

Finally, if you think you would benefit from this kind of education, an application form will help you begin the registration process.

Then—if there is still a question we haven't answered—the inside back cover contains a listing of people in specific departments. They, like Covenant College itself, are here to help you find answers to your most important questions.
FACULTY,
ADMINISTRATION, STAFF AND
THE BOARD OF TRUSTEES
Marion D. Barnes, President, Professor of Chemistry
B.S., University of Arkansas; A.M. and Ph.D., Columbia University

*Elmer O. Delancy, Professor of Education
B.S., University of Pennsylvania; M.S. and Ed.D., Pennsylvania State University

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B.S., John Brown University; Th.M., Dallas Theological Seminary; M.S. and Ph.D., University of Delaware

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A.B., Wheaton College; A.M., University of Pennsylvania; B.D. and S.T.M., Faith Theological Seminary

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A.B., University of Illinois; A.M., University of Chicago

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A.B., Princeton University; Ph.D. University of Minnesota

William S. Barker, Assistant Professor of History
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B.S., Pennsylvania Military Academy; B.D., Covenant Theological Seminary; Graduate Student, University of Chattanooga

Paul R. Gilchrist, Assistant Professor of Bible, Dean of Students
B.A., Columbia Bible College; B.D., Faith Theological Seminary; Ph.D., Dropsie College

*Full-time service completed, August 31, 1968
Ronald H. Hall, Assistant Professor of History
B.S., University of Baltimore; A.M., Temple University; Ph.D. Candidate, Lehigh University

John Hamm, Assistant Professor of Music
Mus.B., John Brown University; Mus.M., Eastman School of Music; Graduate Student, Florida State University

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A.B., Mount Allison University; A.M., University of Pennsylvania; B.D. and Th.M., Pine Hill Divinity Hall; Ph.D. Candidate, University of Cincinnati

Gary B. Huisman, Librarian
A.B., Calvin College; M.S. in Library Science, Western Michigan State University

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A.B., Colgate University; A.M., New York University; Th.B., Westminster Theological Seminary

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A.B. and A.M., Acadia University; B.D., Faith Theological Seminary; D.D., Covenant Theological Seminary; Th.M., Calvin Theological Seminary
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B.S., Gordon College; Graduate Student, Temple University

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B.R.E., Detroit Bible College; B.D., Covenant Theological Seminary; Th.M. Candidate, Trinity Evangelical Divinity School

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R.N., B.S., University of Iowa; M.S., Washington University; M.R.E., Faith Theological Seminary

Emlee Taylor, Instructor in French
A.B., Wheaton College; A.M., Indiana University

ASSISTANTS: Dorothy Dameron, A.B., Classics; Erich Jahn, A.M., German; Edna Bosworth, Mus.B., Spanish
THE ADMINISTRATION

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Paul R. Gilchrist, Ph.D., Dean of Students
Rudolph F. Schmidt, M.A., Registrar and Director of Admissions
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J. Philip Gruner, Director of College Store and Services
George McKinley, Food Services Manager
Ruth McKinley, Manager of Office Services
Jack Meffert, Director of Food Services
Reva Riley, College Hostess
Collyn F. Schmidt, Dean of Women

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Agness Barr, Secretary to the President
Bryant Black, Field Representative
Pauline Chambers, First Cook
Gladys Coggeshall, Office Clerk
James L. Conrad, Acting Dean of Men
Linda Deffenbaugh, Secretary to the Development Office
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Floyd Lay, Estimator and Planner
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Martin Freeland, Pastor, Reformed Presbyterian Church, Muscle Shoals, Alabama. B.E., Vanderbilt University; B.D., Faith Theological Seminary.

Nelson M. Kennedy, General Practice, Enon Valley, Pennsylvania. B.S., Lehigh University; M.D., Temple University.

P. Robert Palmer, Pastor, Bethany Presbyterian Church, New Castle, Delaware. A.B., Wheaton College; B.D., Covenant Theological Seminary.

Vernon C. Pierce, Vice President and General Manager, Kaye-Tex Division of Stauffer Chemical Corporation, Trenton, New Jersey. B.S., Wheaton College; M.S., Brooklyn Polytechnic Institute.

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Franklin S. Dyrness, President and Administrator, The Quarryville Presbyterian Home, Quarryville, Pennsylvania. B.S. Wheaton College; B.D., Westminster Theological Seminary; D.D., Wheaton College.

William A. Mahlow, General Secretary, World Presbyterian Missions, Inc. A.B., Princeton University; B.D., Faith Theological Seminary.

Matthew Prince, Esq., Lawyer, Knoxville, Tennessee
Robert G. Rayburn, President, Covenant Theological Seminary, St. Louis, Missouri. A.B., Wheaton College; Th.B. and Th.M., Presbyterian Theological Seminary of Omaha; Th.D., Dallas Theological Seminary.


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Hugh A. Smith, Owner, Glen Park Apartments, Huntsville, Alabama.

Class of 1970

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Thomas G. Cross, Pastor, Augusta Street Presbyterian Church, Greenville, South Carolina. A.B., Hampden-Sidney College; B.D., Faith Theological Seminary; D.D., Covenant Theological Seminary.

Samuel A. Elder, Science Department, U.S. Naval Academy, Annapolis, Maryland. B.S., Hampden-Sydney College; Sc.M., Brown University; Ph.D., Brown University.


Francis R. Steele, Home Secretary, North Africa Mission. A.B., Cornell University; Ph.D., University of Pennsylvania.

Carroll R. Stegall, Jr., Pastor, Westminster Presbyterian Church, Fort Walton Beach, Florida.

James R. Stewart, Teacher, Tower Hill School, Wilmington, Delaware. B.A., College of William and Mary; M.Ed., University of Delaware.

Earl Witmer, Field Representative, Valley Forge Films, Chester Springs, Pennsylvania.
THE MAJOR PROGRAMS

Majors are offered in the following fields: Bible, Biology, Classics, Chemistry, English, History, Mathematics, Music, Philosophy, Psychology, Physics, and Social Studies. For specific major requirements, see descriptions given under each department.

NUMBERING OF COURSES

The first digit of a course number indicates the class level of students to whom it is open.

Courses numbered in the 100's are open to freshmen, those in the 200's are open to sophomores, etc. Permission to take sophomore courses may be granted to freshmen provided they have met the prerequisites.

Junior and senior courses (numbered in the 300's and 400's) are upper-division courses and, in general, are open only to those who have attained junior standing. In some instances sophomores, if they have the prerequisites, may be granted permission to take an upper-division course.

The College reserves the right to withdraw any course.

Many courses listed in the catalog are offered in alternate years. The schedule of classes for any given semester will be issued prior to registration. Brackets [ ] surrounding a course title indicate a course not being offered during the current year.

It is not possible to announce at the publication date of this catalog all the courses (and their professors) which may be offered in the year 1968-69. Where possible, this information has been given.
BIBLE AND MISSIONS
The major in this department is designed primarily for those who do not expect to enter seminary. For the pre-seminary student, other majors providing a wider background in other fields of learning are recommended.

Requirements for Major: In addition to the general requirements for graduation (see page 87), the following are required for a Bible major:

Greek 14 units
"Book study" courses including 303 Ephesians and Colossians; also 306 Christian Ethics, 309-310 History of Christianity
411-412 Bible Seminar

In addition to the above, pre-seminarian Bible majors will also be required to take:

C 34 Logic 3 units
201 Philosophy 3 units
204 Social Psychology 3 units
301 Theology of Missions 3 units
302 Missionary Methods and Problems 3 units
307 Theories of Personality 3 units

Because we believe that the Bible is the Word of God, it is our conviction that no man is truly educated who does not have a thorough knowledge of the Scripture. Jesus Christ said of Himself, "I am the . . . Truth." All true education revolves around Him as its focal point. The Scriptures of the Old and New Testaments are His chief revelation of Himself to man.

The aim of this department is to ground the student in a knowledge of the Word of God, to train him in his use of the Word of God, and to increase his own personal experience of the Living Word of God. The program is intended to make the student proficient not only in the text of the English Bible but also in the theology of the Bible and, in certain advanced courses, in New Testament Greek.
COURSES

Entering students may take either C 1-2, or C 3-4.

C 1. OLD TESTAMENT I
A comprehensive study of the Pentateuch and the historical books to the United Kingdom, with emphasis on content, the nature of the covenants, and the history of redemption. A study of related doctrines as these are developed in context. Three units. First semester. Mr. Clark and Mr. Gilchrist.

C 2. OLD TESTAMENT II
A continuation of Old Testament I including comprehensive study of the books of poetry, wisdom, and prophecy. Three units. Second semester. Mr. Clark and Mr. Gilchrist.

C 3-4. OLD TESTAMENT STUDIES I, II
An "honors" course following the same format as C 1-2, but designed for students who are interested in more advanced study. The method of instruction will utilize independent study and tutorials. Six units. Both semesters. Mr. Young.

[C 5. NEW TESTAMENT I]
A comprehensive study of the Gospels and Acts with emphasis on content and doctrine as developed in context. Three units. First semester. (To be offered 1969-1970).

[C 6. NEW TESTAMENT II]

[C 7-8. NEW TESTAMENT STUDIES I & II]
An "honors" course with the same format as New Testament I, II and with the same goals as outlined in Old Testament Studies, C 3-4. Six units. Both semesters. (To be offered 1969-1970).

C 9. CHRISTIAN DOCTRINE
An introduction to the historic doctrines of the Church, based on the Westminster Confession of Faith. Discussion of methods of Bible study (hermeneutics) and evangelism will be included. Three units. Mr. Anderson and Mr. Young.

[301. ROMANS]
A study of the doctrinal, spiritual, and ethical values in Romans, designed to give the student an understanding of the divine plan of salvation and a method of presenting that plan to others. Three units. (Not offered 1968-1969).

302. HEBREWS
An analysis of the book as a whole, and a consideration of its theological teaching in relation to the fulfillment of Old Testament types. Three units. Mr. Clark.
303. EPHESIANS AND COLOSSIANS
Special emphasis will be placed on developing skills in Bible study methods as well as the authenticity, authorship and content of the two epistles. Three units. Mr. Clark.

305. THE PROPHETS
A survey of the Old Testament prophets with special attention given to the nature and task of the prophetic office and its place in, and effect upon, redemptive history. Attention will also be given to the outstanding prophets and their particular messages. Three units. Mr. Anderson.

306. CHRISTIAN ETHICS
A concentrated study of Biblical ethics in context with special emphasis on the Decalogue and the doctrine of sanctification. Three units. Mr. Anderson.

[307. GENESIS]
A study of the book with special attention upon the theological aspects of the first eleven chapters, and the meaning, in terms of history, of the Abrahamic Covenant. The course will also include study of the authenticity and authorship of Genesis. Three units. (Not offered 1968-1969).

[308. CHRISTIAN EDUCATION]
A reading course with special emphasis on the history and philosophy of Christian education. Two units. (Not offered 1968-1969).

[309. CHRISTIAN APOLOGETICS]

[310. JOHN]
Criticism and questions regarding authorship, date, and purpose. Historical background, and the application of the message of John to modern life and thought with emphasis on doctrinal and ethical teaching. Three units. (Not offered 1968-1969).

312. PENTATEUCH
An analysis of the books as a whole with special reference to the constitutional structure of Hebrew society and the doctrinal content of the Pentateuch. Three units. Mr. Anderson.

[405. ISAIAH]
A study of the prophecy of Isaiah against its historical background with special attention given to the Messianic passages. Three units. (Not offered 1968-1969).

411-412. BIBLE SEMINAR
An intensive survey course designed to review, supplement, and integrate the major program as preparation for the comprehensive examination. Extensive background readings in Biblical history, archeology, criticism, theology and interpretation. Four units. The staff.
COURSES IN MISSIONS

A major is not yet offered in Missions. However, the following courses may be taken in anticipation of a full curriculum to be announced in the near future.

201. PRE-REFORMATION HISTORY OF MISSIONS

A survey of the Christian missionary movement in the first nine centuries covering its eastward expansion to the Orient, through the Eastern or Nestorian Church, and westward into England and the Iona colony and from there into northern Europe. The Medieval church’s later activities. The theology, motivation, methodology, and results of each will be examined. Three units. Mr. Young.

202. POST-REFORMATION HISTORY OF MISSIONS

A study of the history of the foreign missionary movement from Reformation times, Calvin, the Puritans, Mennonites, and the modern movement. Three units. Mr. Young.

301. THEOLOGY OF MISSIONS

A study of Biblical and extra-Biblical covenants will be made to see the importance of the covenant concept to the revelation of redemption. The basis of missions as lying in a covenant-centered theology of missions. The doctrines of election, atonement, love of God, common grace, and free offer of the gospel, in relation to missions, will also be investigated. Three units. Mr. Young.

302. MISSIONARY METHODS AND PROBLEMS

Methods of conducting the missionary matters as communication, electics, identification, unacceptable accommodation, the support and government of the local churches, the problem of church and state, and various types of missionary endeavor. Three units. Mr. Young.

[401. WORLD RELIGIONS]

An analytical and critical appraisal of the major non-Christian religious ideologies of animism, Hinduism, Buddhism, Shintoism, and Islamism, with a consideration of the early influence of Christianity on the latter three, and the world and life views with which their followers confront the missionary. Three units. (Not offered 1968-1969).

[402. ECUMENICS AND MISSIONS]

A study of the history of the twentieth century ecumenical movement from its origin in the Edinburgh mission conference to the present day with an investigation of the problems, opportunities, types and limits of cooperation. Three units. (Not offered 1968-1969).

201. LINGUISTICS

(See offering in department of Foreign Languages.)

202. LINGUISTICS

(See offering in department of Foreign Languages.)
Covenant College's desire to produce the very best kind of teacher has led to extensive revision in the education department. Prospective teachers will major in academic disciplines and not simply in a program of professional education courses.

Covenant College believes that it is important for all prospective teachers to obtain a strong foundation in an academic discipline, whether they plan to teach in an elementary or a secondary school, and whether the school is a Christian or a public school.

Courses in education are open to all students on an elective basis. For those who plan to teach, two sequences of education courses have been prepared — one for prospective elementary school teachers and another for prospective secondary school teachers:

**Sequence for Elementary Teachers**

**Sophomore**
- 201. Survey of American Educational Practices 3
- 202. Educational Psychology 3

**Junior**
- 301. Psychological Testing 3
- 305. General Methods of Teaching in Elementary Schools 3
- 306. Teaching of Reading 3

**Senior**
- 404A. Student Teaching in the Elementary School 6-9

**Sequence for Secondary School Teachers**

**Sophomore**
- 201. Survey of American Educational Practices 3
- 202. Educational Psychology 3

**Junior**
- 301. Psychological Testing 3
- 306. Teaching of Reading 3
- 308. General Methods of Teaching in Secondary Schools 3

**Senior**
- 404B. Student Teaching in the Secondary School 6-9
Education courses are not open to freshmen.

Many graduates continue their education in other colleges and universities to meet the specific requirements for certification in individual states. In Tennessee and Georgia, for example, these requirements for secondary school teachers can be completed in one summer session.

Requests for Covenant-educated teachers continue to exceed the number of those who are available. Most Covenant graduates who teach do so in private or Christian schools, where the certification requirements are frequently different from those in public systems.

COURSES

201. SURVEY OF AMERICAN EDUCATIONAL PRACTICES.
    An introduction to the field of education. Three units.

203. DEVELOPMENT OF THE ELEMENTARY SCHOOL CHILD.
    Designed to serve as an introduction to the study of the child and to develop understandings of the learning process in children from birth to puberty. The psychological and social forces affecting development. Three units.

301. PSYCHOLOGICAL TESTING.
    See description under Psychology Department.

302. PRINCIPLES AND PROCEDURES IN GUIDANCE AND COUNSELING.
    A course intended for both the prospective teacher and the guidance counselor. The role of the classroom teacher in guidance as well as that of the guidance counselor is considered. 301. Psychological Testing recommended as a prerequisite. Three units.

304. HISTORY OF EDUCATION.
    This is a basic course in education, providing information required by most states for granting of teaching certificates. Earliest educational philosophies of such thinkers as Plato, Aristotle, Plutarch, Quintilian, etc. will be examined as well as that of the Bible. Development of aims and methods through the teaching and practices of the ancient and medieval churches will be followed by consideration of the humanistic movement, the new thinking of Bacon and others, and the rise of the middle-class spirit. The course will conclude with a study of the school in present day society. Three units.
305. GENERAL METHODS OF TEACHING IN ELEMENTARY SCHOOLS.
Issues and problems in educational procedures in terms of psychological and social guides to good teaching. Lesson planning, familiarity with latest instructional resources in all areas except reading. Building an educational philosophy. Prerequisites: General Psychology and Educational Psychology. Three units.

306. TEACHING OF READING.
This course is recommended to prospective teachers in all fields since "all teachers should be teachers of reading." It includes consideration of the reading problem, the nature and development of reading readiness, reading instruction, reading requirements in various subject areas, and reading problems of adolescents and adults. Three units.

308. GENERAL METHODS OF TEACHING IN SECONDARY SCHOOLS.
A survey of methods the teacher may use or adapt in teaching his particular subject. Prerequisites: General Psychology and Educational Psychology. Three units.

401. EXCEPTIONAL CHILDREN.
A survey of the characteristics of the mentally retarded, mentally gifted, physically handicapped, socially maladjusted and emotionally disturbed. A consideration of how the needs of each may be met in regular and special classes. Three units.

402. THE MENTALLY RETARDED.
Includes identification of the mentally retarded and methods of special class teaching, especially in reading and arithmetic. Three units.

403. UTILIZATION OF AUDIO-VISUAL MATERIALS.

404A. STUDENT TEACHING IN THE ELEMENTARY SCHOOL.
404B. STUDENT TEACHING IN THE SECONDARY SCHOOL.
Affords opportunities to observe good teaching, assist a supervising teacher, and plan to teach a unit. Admission by permission of the instructor. Credit to be arranged. Six to nine units possible. Fee: $25.00 in addition to tuition. Prerequisites: General Psychology, Educational Psychology, and Methods of Teaching in Elementary or Secondary Schools.

410. INDEPENDENT STUDY.
Prerequisites: Senior classification and a minimum of fifteen units in Education, exclusive of Psychology. Oral and written reports required. By permission only. One, two, or three units.
Requirements for major: In addition to the general requirements for graduation (see page 87), the following are required for an English major:

A minimum of 30 credits in English including:

- 201-202 Survey of English Literature: 6 units
- 303 The English Language: 3 units
- 306 Chaucer: 3 units
- 318 Shakespeare: 3 units
- 323 Milton: 3 units
- 372 or 373. American Literature: 3 units
- 425 English Seminar: 3 units

Foreign Languages and Electives: The English Department strongly recommends that its majors acquire a good reading knowledge of at least one modern foreign language, preferably French or German. Majors should consider as desirable electives the literature courses in the Foreign Languages Department and courses in the fields of history and philosophy.

COURSES IN WRITING

C 10. ENGLISH COMPOSITION
A study of the principles of effective expository composition, with frequent writing and careful revision of themes; critical reading of professional examples of expository prose; examination of the resources of language, including attention to exact and appropriate diction, to variety in sentence structure, and to methods of paragraph development and organization of the whole composition; and practice in the use of source materials in research. Three units.

[302. ADVANCED WRITING]
A course in various forms of non-expository composition. Two units. Prerequisite: Exemption from English Composition, or English Composition with a grade of B or higher, and special permission of the instructor. (Not offered 1968-1969).

COURSES IN LANGUAGE AND LITERATURE

201-202. SURVEY OF ENGLISH LITERATURE
A chronological study of English literature. First semester, the beginnings to 1800; second semester, 1800 to the present. Six units. The staff.
Unless otherwise stated, prerequisite for all the following courses numbered 300 or above is junior or senior standing or permission of the instructor.

[303. THE ENGLISH LANGUAGE]

[300. THE MEDIEVAL LITERATURE OF ENGLAND]

306. CHAUCER
A study of Chaucer's art and of the social and literary backgrounds of his work. Three units.

317. THE SIXTEENTH CENTURY
Critical studies in the poetry, prose, and drama of the sixteenth century, with special attention to Spenser. Three units.

[318. SHAKESPEARE]
A study of representative tragedies, comedies, and histories with attention to the development of Shakespeare's dramatic art. Three units. (Not offered 1968-1969).

322. THE SEVENTEENTH CENTURY
Critical studies in the poetry, prose, and drama of the seventeenth century, exclusive of Milton. Three units.

[323. MILTON]
An intensive reading to Milton's minor poetry, selected prose, Paradise Lost, and Paradise Regained, with particular attention to Paradise Lost; emphasis on close analysis of the poetry and on Milton's development as a poet. Three units. (Not offered 1968-1969).

[333. THE EIGHTEENTH CENTURY]
Studies in the poetry and prose of the chief writers of the age, with special emphasis on the writings of Pope and Swift; on theories and techniques of satire; and on Jonson and the beginnings of romanticism. Three units. (Not offered 1968-1969).

[334. THE ROMANTIC MOVEMENT]
Analytic reading of selections from the English Romantic writers from Blake to Keats. Three units. (Not offered 1968-1969).

[341. THE VICTORIAN ERA]
Critical reading of selections from the major English writers from 1830 to the end of the century. Three units. (Not offered 1968-1969).

352. TWENTIETH-CENTURY LITERATURE
Analytic reading of a limited number of works of major English and American writers of the twentieth century. Three units.
360. THE ENGLISH NOVEL
Critical studies of a limited number of works on the major writers of English fiction of the eighteenth and nineteenth centuries. Three units.

[372. AMERICAN POETRY]

373. THE AMERICAN NOVEL
Critical reading of representative American novels from Cooper to the present. Three units.

425. ENGLISH SEMINAR
An intensive study of the disciplines of English (including linguistics, rhetorical studies, textual scholarship, literary history, and literary criticism) and the methods of research appropriate to them. Three units.

426. INDEPENDENT STUDY
A course designed for the student who has demonstrated potential ability for independent study. It allows him to choose and to explore, under the guidance of an instructor, an area of literature or language on which he will write one or more long papers. The student's progress will be tested by oral and written examinations. Open to majors in English and other qualified students. Credit to be determined in each case; maximum credit, three units per semester.

COURSES IN SPEECH

C 11. PRINCIPLES OF PUBLIC SPEAKING
An introduction to the study and practice of basic techniques of effective public speaking, including voice production and clear articulation, prepared and extemporaneous speaking, and discussion procedures. Three units. Mr. Clark.
All students fulfilling their minimum foreign language requirements with an ancient or modern foreign language may do so in one of two ways: (1) by achieving a satisfactory score on the College Entrance Examination Board Language Achievement Test taken before entering the College, or (2) by passing with a grade of C or better a second-year course in Greek, German, or French. Students whose performance on the Covenant College entrance foreign language placement examination demonstrates a proficiency in language equivalent to the first year college course, may upon recommendation of the particular language department involved, be assigned to a second-year course.

COURSES IN CLASSICS

The influence of the classical tradition — of the languages, literature, and ideas of ancient Greece and Rome — is everywhere active in our Western civilization.

Classical studies have value for the student who desires to read works in the original languages and who plans to pursue his scholarly interests in graduate school. A further knowledge of Greek is particularly helpful for the student of philosophy, theology, history or modern literature; a knowledge of Latin, for the student of romance languages, history or law; and a knowledge of both Greek and Latin for the premedical student.

Research in archeology and philology is continuing to demonstrate that our western culture, in many important aspects, is a fusion of Greek and Near Eastern cultures: Homer, together with other ancient Greek writers, and the Bible are becoming increasingly significant for an understanding of the origins, form, and content of much of our literature, art, and thought.

The program for the first year should include Greek. Students planning to do graduate work in Greek should take college Latin courses. The program for the third and fourth
years will be worked out by the student with the advice of the department chairman.

Requirements for Major: In addition to the general requirements for graduation (see page 87), the following are required for a major:

- C 12-13 Elementary Greek 8 units
- C 14-15 Intermediate Greek 6 units
- Greek Language and Literature, History, and Archeology 16 units
- Advanced Major Study including Greek Composition and Seminar 14 units
- A comprehensive written and oral examination in the senior year.
- A major should begin with C 12-13 in the freshman year.

C 12-13. ELEMENTARY GREEK
An introduction to the syntax of Homeric, classical, and Hellenistic Greek and the reading of selected texts. Drills on forms, syntax, pronunciation, and accent. Eight units. Mr. Countess.

C 14-15. INTERMEDIATE GREEK
Classical and Hellenistic Greek Literature, including well known Greek authors, such as Plato and Xenophon; the Septuagint and the New Testament. Advanced grammatical analysis. Six units. Mr. Dameron.

101. GREEK AND ROMAN LITERATURE IN TRANSLATION
A survey of some of the more outstanding literary contributions of Greek and Roman authors. Open to students without knowledge of Greek and Latin. Three units. Mr. N. Barker and Mr. Countess.

300. GREEK HISTORY
From ancient times through the Hellenistic period, with attention given to its contribution to Western culture and civilization. Three units. (Open to students without a knowledge of Greek). Mr. Countess.

301. ROMAN HISTORY
A study of the Roman state from prehistoric times to the Middle Ages, with special attention to the Republic and Principate. Three units. Mr. W. Barker.
302. NEW TESTAMENT HISTORICAL WRITINGS
Readings in the Gospels and Acts with attention given to grammar and interpretation. May be taken more than once since content varies. Three units. Mr. Countess.

[303. NEW TESTAMENT SYNONYMS]

304. NEW TESTAMENT EPISTOLARY LITERATURE
Translation, interpretation, and advanced grammar in the Epistles of Paul, James, or John. Use of Grammars by A. T. Robertson and Blass-Debrunner-Funk. May be taken more than once since content varies. Three units. Mr. Countess.

400. ADVANCED GREEK GRAMMAR
Study of the finer points of syntax and morphology using Blass-Debrunner-Funk and other works. Three units. Mr. Countess.

[401. HELLENISTIC GREEK TEXTS]
Historical and grammatical study and translation of distinctive works from the Greco-Roman world, including the Septuagint, Philo, and Josephus. Three units. (Not offered 1968-1969).

[403. GREEK COMPOSITION]
Selected passages in English will be translated into Greek and compared with a Greek standard. Two units. (Not offered 1968-1969).

404. INDEPENDENT STUDY
With permission of the department, properly qualified classics majors may, under supervision of individual members of the faculty, take a course of directed reading and independent investigation. Credit to be arranged.

COURSES IN GERMAN
C 16-17. ELEMENTARY GERMAN
Grammar, punctuation, reading and conversation. Eight units.

C 18-19. GERMAN CONVERSATION AND COMPOSITION
Oral and written reproduction of self expression. Six units.

301. DIRECTED STUDY IN GERMAN
Selections from the less difficult work of authors of this period with an emphasis on the development of reading facility and the acquisition of vocabulary through extensive reading. Three units.

COURSES IN FRENCH
C 20-21. ELEMENTARY FRENCH
Pronunciation, fundamentals of grammar, readings and conversation. Eight units. Miss Taylor.
C 22-23. INTERMEDIATE FRENCH
Review of grammar; composition; selected readings in both earlier and contemporary writings. Six units. Miss Taylor.

301. HISTORY OF FRENCH THOUGHT
A rapid survey of French literature from the Middle Ages to the present. Offered in English and available to upperclassmen for completion of the literature requirement. Prerequisite for all other French literature courses. Three units. Miss Taylor.

[311. THE MIDDLE AGES AND RENAISSANCE]
An intensive study of French literature to 1600, including reading from Le Chanson de Roland, Montaigne, Robelais and the vast amount of poetry of this period. Three units. (Not offered 1968-1969).

[312. FRENCH CLASSICISM]
A study of the literature of the 17th and 18th centuries with a strong emphasis on 17th century drama, but also including selections from the 18th century thinking, Rousseau, Voltaire, etc. Three units. (Not offered 1968-1969).

[313. THE NINETEENTH CENTURY]
A study of representative literature from the romantics to the realists and naturalists — Vigny, Chateaubriand, Balzac, Flaubert, Daudet, etc. Three units. (Not offered 1968-1969).

[314. MODERN LITERATURE]
Starting with the Symbolist movement, this is an attempt to sample and analyze the mass of writing produced since 1880. Three units. (Not offered 1968-1969).

351-352. ADVANCED FRENCH

401. INDIVIDUAL STUDY
1-3 units.

425. SEMINAR
Required of French majors in the spring of their senior year. Two units.

COURSES IN SPANISH

C 24-25. ELEMENTARY SPANISH
Pronunciation, grammar, readings and conversation. Eight units.

C 26-27. INTERMEDIATE SPANISH
Review of grammar; selected readings in contemporary and earlier writings. Six units.
COURSES IN LINGUISTICS

201. PHONETICS
A study of the human speech organs, the types of sounds that they can produce, methods of transcribing them and categorizing them into phonemes. Three hours of class and one hour in the language laboratory with practice in transcription. Three units. Miss Taylor.

202. THE STRUCTURE OF LANGUAGE
A study of morphology and syntax of European and non-European languages; an introduction to transformational grammar. Three units. Miss Taylor.

THE LANGUAGE LABORATORY
All modern language courses are taught in conjunction with the recently-installed DuKane language laboratory. Students are expected to include in their schedule one hour weekly for laboratory instruction beyond the normal load of the course.
The study of history provides the student with a sense of both continuity and change. An appreciation of our cultural heritage results from a sense of the continuity of history. A sense of change in history produces an impression of the constant need for innovation and progress to meet the challenge of the present and the future. More than anything else, a historical sense of continuity and change instructs the student in the glory and wisdom of God’s past and on-going providence.

The History Department seeks to provide for each Covenant student, through the required course in Western Civilization, a background of general information for all later collegiate studies, the development of basic study habits and discussion skills, and an appreciation of our cultural and spiritual heritage.

It is intended that sophomores planning to major in history take either 201-202 History of England, or 211-212 History of the United States, both of which deal with the more direct and intimate historical heritage of our students and both of which also incorporate some critical study of documents. This stage further prepares for the upper-class courses, which are concerned with more definite periods or more specialized fields of European and American history and which make extensive use of source materials.

Requirements for Major: In addition to the general requirements for graduation (see page 87), the following are required for a history major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 402 Philosophy of History</td>
<td>27</td>
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<td></td>
<td>3</td>
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</table>

The student majoring in history is advised to seek competence in two of the following fields—American, Medieval, or Modern European History.

Students intending to go on to graduate work in history are urged to gain a reading knowledge of either French or German, or preferably both.
The major in history helps prepare the student for secondary-school or college teaching, the Christian ministry, the legal profession, government and public life, business, or any walk of life which calls for a broad background for wise decision-making.

The interdepartmental major in social science includes certain courses in psychology. (See Psychology Department offerings.) Requirements for this major include, in addition to the general requirements for graduation (see page 87):

- Major area (Psychology or History) 18-23 units
- Minor area (History or Psychology) 9-14 units

Total (at least 18 of which will be upper-division) 32 units

**Required courses for this major:**
- One course in American history
- 201-202 History of England
- 206 Sociology
- 308 Dynamics of Social Change

**Recommended courses for this major:**
- Any History department course
- 211-212 History of the United States
- 204 American Government
- 317 Contemporary Europe
- 201-202 Economics
- 204 Social Psychology
- 307 Theories of Personality
- 303 Ethics
- 306 Christian Ethics

The major in social sciences helps prepare the student for the ministry, social work, civil service, or teaching of social studies at the secondary-school level.

**COURSES IN HISTORY**

C 28-29. HISTORY OF WESTERN CIVILIZATION

A core course covering the historical development of political, social, and economic institutions from ancient times to the present, with stress on the history of ideas and culture. Special lectures by the various participating instructors. Reading of selections from the great classics of Western Civilization which will be discussed in small tutorial sessions. Required of all freshmen. Eight units. Mr. W. Barker, Mr. Heller, and staff.
The first semester is a survey of English history from the earliest time to 1715; the second semester, from 1715 to the present. Six units. (Not offered 1968-1969).

211-212. HISTORY OF THE UNITED STATES
A synthesis of the political, social, economic, cultural, and religious phases of American life. Six units. Mr. Schmidt.

300. GREEK HISTORY
From ancient times through the Hellenistic period, with attention given to its contribution to Western culture and civilization. Three units. Mr. Countess.

301. ROMAN HISTORY
A study of the Roman state from prehistoric times to the Middle Ages, with special attention to the Republic and Principate. Three units. Mr. Barker.

[303-304. MEDIEVAL HISTORY]
A study of the development of the fundamental concepts and institutions of the West. First semester, from the year 300, including such topics as the barbarian civilization, the rise of Islam, monasticism, feudalism, philosophy; the second semester, from the rise of the papacy to 1300, including a consideration of the crusades, chivalry, towns, commerce, and education. Six units. (Not offered 1968-1969).

[305. THE RENAISSANCE AND REFORMATION]
A survey of Europe from the beginning of the Renaissance, with emphasis on the political, social, and religious backgrounds of the culture of that era, including the modification of medieval institutions by newer forces, the growth of capitalism, and an analytical study of the Reformation era. Three units. (Not offered 1968-1969).

[306. EUROPE FROM THE REFORMATION TO WATERLOO]

[307. EUROPE SINCE 1789]
A survey of the economic, political and intellectual developments in Europe, including the political and industrial revolutions; the rise of democracy, imperialism, and totalitarianism; and the sources of twentieth-century global tensions. Three units. (Not offered 1968-1969).

[308. RUSSIAN HISTORY]
A study of the origins and development of Russia, including the political, social, and religious aspects from early times to the present. Three units. (Not offered 1968-1969).
309-310. HISTORY OF CHRISTIANITY
First semester, a detailed study of the Church from Pentecost to the Protestant Reformation with emphasis on the problems of Church and State; second semester, from the Protestant Reformation to the present, with an examination of the affect of the Christian society on contemporary life. Six units. Mr. W. Barker.

311. ORIGINS OF THE UNITED STATES
A study of early American history, with emphasis on the European settlement of North America, on the social and cultural development of the American community, and on the establishment of political independence at the time of the Revolution. Three units. Mr. W. Barker.

313. AGE OF JEFFERSON AND JACKSON
From the establishing of the republic to 1841, with emphasis on the administrations of Jefferson and Jackson. Two units. Mr. Schmidt.

315. INTRODUCTION TO RESEARCH
A course designed for history majors in their junior year, to acquaint them with the problems and techniques of historical study, research and writing. One unit. Mr. W. Barker.

317. CONTEMPORARY EUROPE
From the Depression of the thirties to mid-century prosperity. Origins, nature, and consequences of economic collapse; the Fascist regimes; the Stalinist system; World War II and aftermath—from chaos to reconstruction; the cold war. Three units. Mr. Heller.

319-320. THE ECONOMIC DEVELOPMENT OF THE AMERICAN NATION
First semester: from early settlement to Reconstruction. Colonial economy, economic aspects of independence, early national development, the economy of the Civil War and its consequences for industrial growth.

Second semester: from Reconstruction to the New Frontier. Rise of industrialism and its relation to agriculture, commerce, finance, and business organization; the economy in World War I; the Depression; economic impact of World War II; economic aspects of foreign relations; the economy in mid-twentieth century. Six units. Mr. Heller.
321-322. HISTORY OF THE NEAR AND MIDDLE EAST

First semester: 570-1789. Rise and spread of Islam; Islam as a religious-political system; Moslem culture; rise, expansion and decline of the Ottoman Empire.

Second semester: 1789 to the present. European Imperialism in the Middle East; impact of the French Revolution and Napoleon; development of modern Egypt; the Young Turks; Arab Nationalism. The contemporary Middle East: impact of World War I; Turkish Republic; Palestine; Iran; Saudi Arabia; the Egyptian Republic; Israel; strategic importance in world affairs. Six units. Mr. Heller.

324. SEMINAR IN MODERN EUROPEAN HISTORY

Intensive study of select problems of interpretation and related literature. For history majors in their senior year. Two units. Mr. Heller.

326. SENIOR SEMINAR

Research and discussion of a significant problem in European history. Restricted to seniors. Two units. Mr. W. Barker.

401. PHILOSOPHY OF HISTORY

A study of the nature and theory of history and of the criteria for the evaluation of historic data, including a survey of representative modern philosophies of history. Three units. Mr. W. Barker.

COURSES IN SOCIAL SCIENCES

201-202. ECONOMICS

An introductory course designed for students not planning to major in Economics. A two-semester course stressing fundamental concepts relating to production, exchange, distribution, and consumption. The second semester will extend into government finance, business cycles, economic theory and differing systems. Four units.

204. AMERICAN GOVERNMENT

A study of the organization, functions, and services of the national government, with special consideration of its constitutional basis and current issues. Two units. Mr. Schmidt.

205. SOCIOLOGY

A general introduction to the major features of our society, including the development of urban life, industry and its problems, family and community life, the religious community. Three units. Mr. Pitcher.

206. CRIMINOLOGY

The student is introduced to the social conditions that tend to produce criminal acts, the nature and extent of organized and unorganized crime, and what local, state and national governments can do about it. Three units.
MATHEMATICS AND PHYSICS
MATHEMATICS

Mathematics has been called the science of deductive reasoning. As a study in itself it provides a way of thinking that is applicable to all fields. Accordingly, the courses in mathematics are designed to afford a proper balance between the abstract and the concrete, the pure and the applied, and to develop in the student an appreciation of mathematics for its intellectual and aesthetic appeal as well as for its practical application.

The Department of Mathematics endeavors to offer the interested and qualified student a major program in mathematics that will enable him to pursue graduate studies in pure or applied mathematics or in mathematical education. With the demand for mathematics teachers almost certain to continue at all levels for some years to come, it seems likely that one of the chief emphases of the Covenant College mathematics program will be the preparation of Christian mathematics teachers for the secondary schools, both Christian and secular. The Department further aims to acquaint a wider number of students with some of the basic concepts of modern mathematics that will prove to be useful for students who are majoring in areas other than mathematics or the sciences.

Major Requirements:

1) C 31-32. Introduction to Physics

2) Eighteen hours from mathematics courses numbered above 300. These will normally include 303, 304, 309, and the seminar. While the program of each student will be worked out in consultation with the Department of Mathematics, a suggested (minimal) distribution of courses is as follows:
   a) The major in mathematics with emphasis on application to the sciences: 303, 304, 309, 310, 409, 410
   b) The major in mathematics with emphasis on pure mathematics: 303, 304, 309, 319, 320, 420
   c) The major in mathematics for the prospective secondary school teacher: 303, 304, 305, 309, 316, 319

Recommended Electives: Advanced Logic; Philosophy of Science; a reading knowledge of French, German or Russian.
(The numerical legend following each course indicates the number of hours each week in class, the number in laboratory, and the total number of credit hours each semester.)

C 30. FUNDAMENTALS OF MATHEMATICS
Elementary set theory, the logical nature of mathematics, the real number system, topics of algebra, algebraic functions. This course serves to fulfill the College distributive requirement in mathematics. First semester. 3: 0: 3

100. FUNDAMENTALS OF MATHEMATICS
Algebraic, exponential and logarithmic functions, analytic, trigonometry, complex numbers, theory of equations, matrices and determinants, sequences and series, mathematical induction. Prerequisite: C 43 or the equivalent. Second semester. 3: 0: 3

[115. INTRODUCTION TO STATISTICS]
Organization of data, elementary probability, frequency distributions, random sampling, testing and hypotheses, regression and correlation, analysis of variance. This course is intended primarily for majors in the biological and social sciences and cannot be counted for credit toward the mathematics major. Prerequisite: Mathematics C 43 or the equivalent. (Not offered 1968-1969).
151-152. CALCULUS WITH ANALYTIC GEOMETRY, I, II
Analytic geometry, functions and limits, the derivative and its applications, transcendental functions, the definite integral and its application, methods of integration. These courses are prerequisite to all mathematics courses numbered above 200. Prerequisite: Mathematics 100 or the equivalent for 151, Mathematics 151 for 152. Each semester. 4: 0: 4.

251-252. CALCULUS WITH ANALYTIC GEOMETRY III, IV
A continuation of Mathematics 151-152. Hyperbolic functions, vectors and parametric equations, solid analytic geometry and vectors, partial differentiation, multiple integration, infinite series. Prerequisite: Mathematics 152 for 251 and 251 for 252. Each semester. 4: 0: 4.

303-304. MODERN ALGEBRA
A first course in abstract and linear algebra. Sets, mappings, equivalence relations, and introduction to the theory of groups, rings, and fields, linear equations, vector spaces and linear transformations, matrices and determinants, characteristic values and vectors, similarity of matrices. Prerequisite: Mathematics 252 or consent of the instructor. Each semester. 3: 0: 3.

305. MODERN GEOMETRY
The nature of this course is expected to vary with the needs and interests of the students. Selected topics from advanced Euclidean geometry, projective geometry and non-Euclidean geometries. Prerequisite: Mathematics 252 and 304, or consent of the instructor. 3: 0: 3.

309-310. ELEMENTARY DIFFERENTIAL EQUATIONS AND BOUNDARY VALUE PROBLEMS
First order differential equations, second and higher order linear equations, series solutions, the Laplace transform, numerical methods, systems of first order equations, linear second order boundary value problems, Fourier series, partial differential equations. Prerequisite: Mathematics 252 for 309 and 309 for 310. Each semester. 3: 0: 3.

[316. MATHEMATICAL PROBABILITY AND STATISTICS]
Introduction to probability, finite sample spaces, conditional probability and independence, random variables and their characterization, special discrete and continuous distributions, the moment-generating function, sums of random variables, sampling distributions, estimation of parameters, testing hypotheses. Prerequisite: Mathematics 252 or consent of the instructor. (Not offered 1968-1969). 3: 0: 3.

319-320. INTRODUCTORY REAL VARIABLE THEORY
The real number system, topology of the reals, infinite series, continuous functions, sequences and series of functions, differentiation, integration, power series, the Lebesgue integral. Prerequisite: Mathematics 252 for 319 and 319 for 320. Each semester. 3: 0: 3.
[409-410. APPLIED ANALYSIS]

A study of certain advanced topics in mathematics with important applications in physics, engineering and chemistry. Vector analysis, complex analysis, Fourier analysis, special functions, orthogonal polynomials, Sturm-Liouville theory, operational analysis. Prerequisite: Mathematics 310 or consent of the instructor. (Not offered 1968-1969). Each semester. 3: 0: 3.

420. TOPOLOGY

Elements of point set topology, including topological spaces, continuous mapping and homeomorphisms, compactness, connectedness, metric spaces. Prerequisite: Mathematics 320. 3: 0: 3.

[450. SEMINAR]

Topics and number of credit hours to be announced. Prerequisite: consent of the instructor. (Not offered 1968-1969).

PHYSICS

The courses in physics are designed to provide the student with an understanding of the laws and the development of physical science, and its relation to God's Creation. Comprehension of the relationships of society and modern science, and understanding of the important role of science in modern culture is enhanced when the student obtains his knowledge of the sciences as an integral part of his cultural background.

The physics program has the following objectives: (1) to prepare for graduate study in physics, biophysics, chemical physics, geophysics, mathematical physics, and engineering (students majoring in physics may enter directly into graduate work in many engineering schools); (2) to prepare for the teaching of physics in high school and college; (3) to provide the basic background for engineering, medicine, and other professional work; (4) to equip the student to enter industry and governmental laboratories; (5) to supplement the study of the other sciences and mathematics.

(The numerical legend following each course indicates the number of hours each week in class, the number in laboratory, and the total number of credit hours each semester.)
Major Requirements:

1) Twenty-two hours of physics beyond C 31-32, including 203, 204, 221, 242, 303, 304, 321, 342

2) Eleven hours of mathematics beyond 151, 152, including 251, 252, and 309

3) Eight hours of other natural science.

Recommended: a reading knowledge of French, German or Russian.

C 31-32. INTRODUCTION TO PHYSICS
First semester: Mechanics, heat and sound. Second semester: Electricity, magnetism, light, and an introduction to modern physics, including nuclear physics. This course is prerequisite to all other courses in physics. Credit is granted for C 31 only upon satisfactory completion of C 32. Prerequisite or Co-requisite: Mathematics 151, 152 or consent of the instructor. Each semester. 4: 2: 5.

[221. MODERN PHYSICS]
Modern ideas in physics: quantum theory, relativity, nuclear and atomic structure, fundamental particles. Prerequisite: Mathematics 152. 3: 0: 3. (Not offered 1968-1969).

[242. ANALYTICAL MECHANICS]
Particle and rigid body mechanics, harmonic oscillators, and an introduction to advanced dynamics. Prerequisite: Mathematics 152. 3: 0: 3. (Not offered 1968-1969).

203-204. [303-304.] EXPERIMENTAL PHYSICS
Laboratory experiments designed to integrate and augment the course work. Must be taken by all sophomores and juniors in physics majors. Three hours laboratory for four semesters. This is the Berkeley physics sequence. Each semester. 0: 3: 1.

[321. ELECTRICITY AND MAGNETISM]

[342. STATISTICAL PHYSICS]

[352. ELECTRONICS]
[421. MATHEMATICAL PHYSICS]
Solution of partial differential equations in mathematical physics, with operational methods considered; selected topics in advanced dynamics. Prerequisite: Mathematics 310 or consent of the instructor. (Not offered 1968-1969). 3: 0: 3.

[450-451. SPECIAL PROBLEMS]
Special problems in experimental physics by independent research and a seminar presentation of experimental results. The number of credit hours to be announced. Prerequisite: Senior standing. (Not offered 1968-1969).
MUSIC DEPARTMENT

The Department of Music serves the college community in several ways:
- introducing students to music in the course C 33;
- offering an A.B. course with a major in voice or piano;
- offering a Mus.B. curriculum stressing performance in voice or piano;
- making available to all students the elective courses and private lessons listed under this department.

The musical activities in Chattanooga such as the Chattanooga Symphony Orchestra, the Chattanooga Opera Association, and the Community Concert Association enhance the training offered by the college. Annually there are vacancies in some sections of the Chattanooga Symphony Orchestra and this gives some students opportunity to acquire very valuable experience in performing with this semi-professional orchestra.

ADMISSION

Applicants for the music programs will follow the standard application procedure of the College. Final admission to either the A.B. or Mus.B. Program will be subject to an audition with the music faculty either in person or by tape recording. Auditions will normally be held during registration week, and special appointments will be arranged upon request at other times during the year.

REQUIREMENTS FOR ALL MUSIC MAJORS

Music majors are required to attend student recitals, and voice and piano majors are required to participate in a performing organization. A basic piano proficiency is required of all students.

MUSIC LIBRARY AND EQUIPMENT

The College library has an excellent supply of reading and
research books in all areas in which courses are offered and subscribes to a number of professional music periodicals and journals. A collection of more than 1000 recordings provides students with a wide range of music literature in performance. The library and classrooms are equipped with stereophonic record players and speakers.

MUSIC MAJOR, A.B. DEGREE (PIANO, VOICE)

The following program is outlined for the music student who wants the liberal arts background and is interested in teaching in elementary or secondary schools.

<table>
<thead>
<tr>
<th>General Education</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>C 10 English Composition</td>
<td>3</td>
</tr>
<tr>
<td>C 28-29 Western Civilization</td>
<td>8</td>
</tr>
<tr>
<td>C 1-2 or C 3-4 Old Testament</td>
<td>6</td>
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<tr>
<td>C 5-6 or C 7-8 New Testament</td>
<td>6</td>
</tr>
<tr>
<td>C 9 Christian Doctrine</td>
<td>3</td>
</tr>
<tr>
<td>C 35 Philosophy of Christian Faith</td>
<td>4</td>
</tr>
<tr>
<td>C 36-37 Physical Education</td>
<td>2</td>
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<tr>
<td>Literature</td>
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<tr>
<td>Modern Foreign Language</td>
<td>14</td>
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</table>

| Professional Education                  | 18      |
| Music                                    | 41      |
| C 33 Introduction to Music              | 3       |
| 205-206 Theory I                        | 8       |
| 305-306 Theory II                       | 8       |
| 421-422 History of Music                | 6       |
| Applied Music                            | 16      |
| Senior Recital                           | 0       |

| Electives                                | 18      |
| TOTAL                                    | 126     |

BACHELOR OF MUSIC (PIANO, VOICE)

This is a professional program primarily for prospective performers and teachers. In addition to the intensive private study in applied music, the program includes sufficient theory, music theory and literature to insure a thorough music background. A junior and a senior recital are required of each student.
Music

105-106, 205-206, Theory; 331, 306. C 33, 20
321-322. Music History, electives. 12

Applied Music Major 32
Applied Music Minor 8
Choral Conducting 2
Pedagogy 2
Electives 5
Junior recital
Senior recital

General Education

C 10 English Composition 3
C 28-29 Western Civilization 8
C 1-2 or C 3-4 Old Testament 6
C 5-6 or C 7-8 New Testament 6
C 9 Christian Doctrine 3
C 35 Philosophy of Christian Faith 4
C 36-37 Physical Education 2
Modern Foreign Language 14
(French or German)

RECOMMENDED DISTRIBUTION OF COURSES
FOR BACHELOR OF MUSIC

<table>
<thead>
<tr>
<th>Freshman</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>Bible</td>
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<tr>
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<tr>
<td>Theory I</td>
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| Sophomore               |      |        |
| Language                | 4    | 4      |
| Bible                   | 3    | 3      |
| Physical Education      | 2    | —      |
| Applied Music Major     | 4    | 4      |
| Applied Music Minor     | 2    | 2      |
| Theory II               | 4    | 4      |
Junior
Christian Doctrine 3
Western Civilization 4
Language 3
Applied Music Major 4
Counterpoint —
Form and Analysis 2
Music History 3
Recital —
Senior
Philosophy of the Christian Faith 4
Applied Music Major 4
Conducting 2
Pedagogy —
Music History (elect) 2
Literature of Applied Major —
Elective (history and/or theory) 5
Recital —

COURSES IN HISTORY AND LITERATURE

C 33. INTRODUCTION TO MUSIC
A survey course of composers and their music, including a study of the aesthetic values and artistic tempers in music, designed to give the student an understanding of and an appreciation for great music. Three units.

309. PIANO LITERATURE
A study of the development of the piano and the various forms in which piano works appear. Emphasis upon the style of various composers and extensive repertoire. Two units.

319. VOICE LITERATURE
A comprehensive study of art song literature. Two units.

320. HYMNNOLOGY
A study of the origins and development of Christian hymnology from earliest times to the present. Forms and use of hymns in church. Two units.

[321-322. HISTORY OF MUSIC]
An intense study of the music of all ages designed for the music major but open to others with approval of the instructor. Six units. (Not offered 1968-1969).

323. OPERA LITERATURE
A study of the literature of opera from 1600 to the present with careful and detailed studies of representative works in the various style periods. Two units.
[409. SYMPHONIC LITERATURE]
A course in the study of symphonic literature of the eighteenth, nineteenth, and twentieth centuries. Two units. (Not offered 1968-1969).

[419. CHAMBER MUSIC LITERATURE]
A survey course of the chamber music from the eighteenth century to contemporary works in the field. Two units. (Not offered 1968-1969).

423. CHORAL LITERATURE
A comprehensive study of the choral literature of all periods. Two units.

COURSES IN THEORY

101. MUSIC FUNDAMENTALS
Basic elements of music for non-majors, including ear training, sight singing, and elementary harmony. One unit.

105-106. THEORY I
An integrated course including ear training, keyboard harmony, sight singing, and written harmony. A study of keys, scales, intervals, triads, chord progressions, cadences, harmonizations of melodies and basses, simple modulations and analysis. Five meetings per week. Eight units.

205-206. THEORY II
An integrated course including advanced ear training, keyboard harmony, sight singing, and written harmony. Modulations, altered chords, augmented chords, ornamentation, analysis, and original work. Five meetings per week. Eight units.

305-306. COUNTERPOINT
First semester, the contrapuntal technique of the sixteenth century. Second semester, the harmonic contrapuntal technique of the eighteenth century. Four units. (Not offered 1968-1969).

331-332. FORMS AND ANALYSIS
A course in the analysis of all forms prevalent in the eighteenth and nineteenth centuries. Detailed study structure of phrases, periods, transitions, parts, songs, dance forms, and sonata form. Extensive analysis of actual works such as Mendelssohn Songs without Words, Beethoven Sonatas. (Prerequisite: Theory II). Four units. (Not offered 1968-1969).

[405-406. TWENTIETH CENTURY HARMONY]
A study of the sonorities and techniques of twentieth century composers, with emphasis on works of Schoenberg and the Tone-row school, Hindemith, Bartok, Stravinsky, and composers selected from the American scene. Composition of original works in the style of
various composers. Particular care is placed upon the development of fine taste and craftsmanship. (Prerequisite: Counterpoint). Four units. (Not offered 1968-1969).

COURSES IN APPLIED MUSIC

100. COLLEGE-COMMUNITY CHORUS
Open to all students interested in performing the great works of the sacred choral literature. The chorus meets weekly and performs twice a year. One-half unit.

111-112. COVENANT CHORALE
Members are selected after an audition with the director. Three hours rehearsal weekly. Concerts are presented on two annual tours and in local churches. Fee: $3.00 per year. Two units.

211-212. MADRIGAL SINGERS
The study and performance of choral literature appropriate for small voice groups. Open to students with sight singing ability and with the approval of the director. Meets once a week. Fee: $2.00 per year. One unit.

301. CHORAL CONDUCTING
Study and development of the conducting skill. Rehearsal techniques, principles of interpretation. Two hours per week and membership in Chorale or College-Community Chorus. Two units. (Not offered 1968-1969).

401. ADVANCED CHORAL CONDUCTING
Two hours per week. Two units. (Not offered 1968-1969).

PRIVATE INSTRUCTION

Two units of credit are given each semester for one hour of daily practice and one half-hour lesson each week. A performance examination is given at the end of each semester. Mus.B. majors are required to take two half-hour lessons per week for four units of credit each semester. All students taking private instruction for credit are required to sustain a performance examination each semester.

VOICE

117-118. FIRST YEAR VOICE
217-218. SECOND YEAR VOICE
More advanced technique. Introduction to the literature German lieder, oratorio, and opera.

317-318. THIRD YEAR VOICE

417-418. FOURTH YEAR VOICE
Continuation of the study of opera and oratorio literature. Contemporary English, German, French, and Russian literature. Recital.

PIANO

107-108. FIRST YEAR PIANO
Bach two-part inventions, easier Haydn, Scarlatti and Mozart Sonatas, easier classic and romantic compositions. All scales, and arpeggios, M.M. $ \frac{\text{do}}{\text{bea}} = 112.$

207-208. SECOND YEAR PIANO
Bach Suites, Well-tempered Clavier, Beethoven and Mozart Sonatas, selections from classical, romantic, and modern schools. All scales and arpeggios, M.M. $ \frac{\text{do}}{\text{bea}} = 126.$

307-308. THIRD YEAR PIANO
Advanced technical study. Chopin and Liszt Etudes, more advanced Beethoven Sonatas, selections from the more important compositions of Bach, Schubert, Mendelssohn, Shumann, Brahms, and modern standard composers. Scales and arpeggios, M.M. $ \frac{\text{do}}{\text{bea}} = 132.$ Recital.

407-408. FOURTH YEAR PIANO
More extended study of the classical and romantic composers. A concerto will be left to the discretion of the teacher. Work in major and minor thirds and sixth, octaves. Scales and arpeggios, M.M. $ \frac{\text{do}}{\text{bea}} = 138.$ Recital.

ORGAN
Private instruction in organ arranged upon request.

ORCHESTRAL INSTRUMENTS
Private instruction in orchestral instruments arranged upon request.
The program in nursing education is designed to begin the development of understandings, attitudes, and skills which will enable the Christian student to become an effective professional nurse. The program is philosophically oriented toward the principle that the student's best personal preparation for meeting the spiritual, emotional, and physical needs of those under her care is her own maturing knowledge of the Word of God.

Demands on nurses are being qualified in many ways through our changing society and rapid technological changes affecting the world of medicine. Leaders in nursing have taken the position that these demands can best be met by the professional nurse who receives her education in a college or university where all the nursing courses, as well as general-education courses, are taught by those who are members of the faculty of that college or university. Covenant College recognizes this trend and has made arrangements with two of the country's leading collegiate schools of nursing to allow qualified students to enter these schools to work toward the B.S. in Nursing after two years of general education at Covenant College.

One of these schools is Columbia University, Faculty of Medicine, School of Nursing in New York City, where the student can acquire the B.S. degree in two years and two summer schools after two years at Covenant. The other school is Emory University in Atlanta, Georgia, where the B.S. in nursing can be acquired in three years with summers free.

In both schools all entering students must have satisfactorily completed two years of general education with certain prerequisite subjects before entrance. Covenant College offers this 60-hour Pre-Nursing curriculum with assurance of full acceptance of credits by these schools.
### Requirements for Pre-Nursing Program:

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<td>Western Civilization</td>
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<td>Chemistry (including</td>
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<td>Introduction to Organic Chemistry)</td>
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<td>Electives</td>
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</table>

Electives taken will be selected from among the following courses in consultation with the Chairman of the Department according to the requirements of the school of nursing which the student enters in her junior year:

- Literature, Bible, mathematics, sociology, intermediate foreign language, history, philosophy, or fine arts.

### 101. INTRODUCTION TO NURSING

A survey of the field of nursing including objective criteria to be used in choosing nursing as a career, technological and sociological phenomena influencing the demands made on nurses today, and educational opportunities which can best qualify the nurse to meet these demands. Emphasis is placed on the necessity of learning to regard the total needs of the patient, and, through discussion, a preliminary philosophy is formed for the Christian nurse to meet these needs.
Requirements for Major: In addition to the general requirements for graduation (see page 87), the following are required for a philosophy major:

Philosophy, including at least 18 units of upper-division courses 30 units
C 36-37 General Physics 28 units
C 30 Fundamentals of Mathematics 3 units
C 44-45 Modern Concepts of Natural Science 8 units

One of the powers and prerogatives peculiar to man is to think. Most of the real progress in the world in every field has come through the medium of reflective thinking. When thinking becomes serious, sustained, and logical and when it is directed toward questions of life and values, it becomes philosophy. No one has a greater responsibility to think clearly than the Christian. In order to set forth the Christian faith in a way which will answer the great problems of mankind, the Christian should be thoroughly conversant with the philosophy of the great men of all ages.

Courses of this department are especially designed both to give the pre-seminary student a proper background for later advanced work in theology and apologetics and to introduce the field of philosophy to those who, while not expecting to specialize in the field, want to learn to think clearly and to have a broader appreciation of the meaning and values of life.

COURSES

C 34. LOGIC
An introduction to classical and modern logic with some attention to the problems of induction. The emphasis is on a proper use of inference in ordinary language and with logical symbols. Three units.

C 35. PHILOSOPHY OF THE CHRISTIAN FAITH
A survey of the system of doctrine taught in the Scripture with a view toward seeking solutions for the problem of the relationship between Christ and culture. The first nine weeks will include lectures and student forums. During the last five weeks there will be no formal classes and students will be expected to prepare a written thesis. This will provide an opportunity to explore and analyze a problem from the student's major field, in the light of Christian philosophy. Required of seniors. Four units. Mr. Anderson.
201. PLATO
An introduction to philosophy and its history through a study of the major dialogues. Three units.

[202. MEDIEVAL THOUGHT]

[301. RATIONALISM AND EMPIRICISM]
Philosophical thought from Descartes through Hume. Attention will be paid both to the development within these schools and their contemporary significance. Three units. (Not offered 1968-1969).

[302. GERMAN PHILOSOPHY]
Kant, Fichte, and Hegel—with special attention to their influence on today's thought. Three units. (Not offered 1968-1969).

[303. ETHICS]

304. AESTHETICS
The clarification of terms and a discussion of proposed criteria for aesthetic judgments. The major works will be read and discussed. Three units.

305-306. RECENT PHILOSOPHY
An examination of basic trends of post-Kantian thought. Major attention will be given to the philosophy of science. Pragmatism, Positivism, Analytic Philosophy, Phenomenology and Existentialism. The significance of these for Christian theology will be assessed. Six units. Either semester may be taken for credit.

[307. ADVANCED LOGIC]
The propositional calculus and general quantification theory, with some attention to practical application of these principles. Three units. (Not offered 1968-1969).

401. PHILOSOPHY AND LANGUAGE
This course will review some of the essays of the leading language philosophers: Malcolm, Wisdom, Ryle, Wittgenstein, Moore, Austin, Strawson, Hare, Urmson and Hampshire. Special attention will be given to the implication of this new mode of philosophy for Christian ethics and theology. Three units.

402. PHILOSOPHY OF HISTORY
A study of the nature and theory of history and of the criteria for the evaluation of historic data, including a survey of representative modern philosophies of history. Three units. Mr. W. Barker.
403-404. INDEPENDENT STUDY

With permission of the department, properly qualified philosophy majors may, under the supervision of individual members of the faculty, take a course of directed reading and independent investigation. The preparation of the thesis on the historical background and contemporary status of a major philosophical problem will be required. Two, three or four units.

405. PHILOSOPHY OF SCIENCE

A study of the nature, scope, and limitations of scientific method and explanation with special attention to the questions of fact and value. Major treatises will be read critically. Three units.
PHYSICAL EDUCATION
Physical Education is required of all freshmen and sophomores except in cases of physical disability. Physical Education is offered to freshmen to keep body tone and coordination and to promote an invigorating outlet which serves as a balance to the sedentary demands of college. All sophomores are required to take one semester of First Aid, which is offered to instill knowledge of safety procedures for accidents. All students must complete three semesters of Physical Education to graduate. Each class meets twice weekly for 50 minutes.

All students are subject to a four dollar Physical Education fee, and must be prepared to wear the standard school uniform to class. Students will have the opportunity to enhance their skills in swimming, speedball, basketball, volleyball, tumbling, softball, tennis, golf, bowling and horseshoes.

In addition to the Physical Education requirement, a complete program of intramural games and intercollegiate sports is offered. The intramural program enables students to compete on a team and individual basis against members of the other three classes and the faculty. The winning men’s and women’s teams are presented trophies, known as the President’s Cup, which are kept for one year. All students are encouraged to participate in the intramural program. The intercollegiate program consists of men’s soccer, basketball, baseball, and track; and women’s basketball.

Required courses for men and women:

C 36-37. HEALTH AND PHYSICAL EDUCATION
Two semesters. One unit. Mr. Bowman

C 38. FIRST AID
One semester. Two units. Mr. Bowman

Electives

300. HORSEBACK RIDING
A special off campus course where all the special skills in riding are taught. All students must provide their own transportation. Cost is $25.00 per semester. One unit. Miss H. Bickerstaff

400. READING AND RESEARCH
This is offered to qualified seniors who have a special interest in the area of physical education and recreation. One semester. One or two units. Mr. Bowman.
Psychology, though at times dealing with animals, laboratory equipment, or research and statistical techniques, is basically concerned with human behavior. We are searching out problems of motivation, learning, maladjustment, efficiency, and control.

Psychology is still a scientific infant, and is therefore an interesting amalgam of penetrating insight, rigorous logic, obtuse speculation, trivia, and sheer drive. However, psychologists have made valuable discoveries which are being applied to such diverse fields as industry, space research, urban planning, advertising, mental health, and the ministry.

Requirements for the major: In addition to the general requirements for graduation (page 87), the student is to complete a minimum of thirty units within the department.

The interdepartmental major in social studies: In collaboration with the History Department, a major in Social Studies provides a wider professional background for teaching, social work, the Christian ministry, and other professions. For further information see page 33.

C 39. GENERAL PSYCHOLOGY
The foundation course for the department. Sketches the history of psychology, traces the development of the main schools of thought, and introduces the student to many areas in our society where psychology is influential. Three units. Either semester. Mr. Pitcher.

101. MENTAL HYGIENE AND THE CHRISTIAN PERSONALITY
A course designed to introduce the student to useful facts about his own mental health. It discusses both social and academic problems, and outlines the history of mental hygiene in the United States. Open to any student. Three units. Mr. Pitcher.

103. PSYCHOLOGY OF CHILDHOOD
The physical, mental and emotional development of the child from birth to adolescence. Three units. Mr. Pitcher.

104. PSYCHOLOGY OF ADOLESCENCE
Traces the maturing of the adolescent in the society of today and its shifting currents and amorality, analyzes his difficulties of adjustment in the home and in society, suggests practical solutions. Three units. Mr. Pitcher.
201. PROBLEMS OF CHURCH COUNSELING
Designed for men and women planning for careers in church or mission-related settings. Identification of behavioral and communications problems. Methods of counseling and referral to appropriate community agencies. Three units. Mr. Nuermberger.

202. EDUCATIONAL PSYCHOLOGY
The application of psychological principles to teaching. Special attention is given to the learning process and a wholesome emotional climate in the classroom. (Prerequisite: General Psychology C 39). Three units.

204. SOCIAL PSYCHOLOGY
Utilizes data from the field of sociology to enable the student to analyze the problems that beset interpersonal and intergroup relationships. Class reports and outside speakers are included. Three units. (Prerequisite: General Psychology C 39). Mr. Pitcher.

301. PSYCHOLOGICAL TESTING
Includes both teacher-made tests and psychological tests of intelligence, achievement, interests, aptitudes and personality with the necessary statistics. Three units.

303. ABNORMAL PERSONALITY
After establishing the design of the healthy personality, this course traces carefully the main theories of the origin of abnormal conduct and mental disease, outlines the leading school of thought in this area of psychology today, and integrates the whole in terms of the college's Christian philosophy. Four units. Mr. Nuermberger.

304. PSYCHOLOGY OF RELIGION
An analysis of various religions, cults, beliefs, and practices throughout the world to discover how such religions seek to meet the basic needs of the heart of man and why only a truly Christian system of psychology can adequately achieve this. Three units. Mr. Pitcher.

307. THEORIES OF PERSONALITY
An intensive, student-led study of major personality theorists using original writings and survey materials. Includes Freud, Roger, Gestaltism, Learning Theory, Mowrer, Frankel and Glasser. Four units. Mr. Nuermberger.

308. DYNAMICS OF SOCIAL CHANGE
A study of human society in progressive change, turmoil and revolution. Analysis is made of both peaceful and violent forces that are operating in the world today, especially in urban and suburban life, in minority groups and nationalistic fever in other continents. Three units. Mr. Pitcher and the Social Studies Division.
309-310. RESEARCH PROJECT
   A seminar led in cooperation with the Physics department. Open to qualified science and psychology students with an interest in research and preparation for graduate studies. After surveying research design and problems, students and teachers will select an appropriate project in behavioral study. Three to six units. Mr. Nuermberger.

312. PRACTICUM IN COUNSELING
   To be taken together with Psychology 314A. Students with adequate background in psychology are designed as counselors to children enrolled at Bethel Bible School. Written reports and taped group therapy interviews are shared in Section A of the seminar in psychotherapy. Three units. Mr. Nuermberger.

314. SEMINAR IN PSYCHOTHERAPY
   Two sections (A-B) Open to advanced psychology students only. Study of techniques of psychotherapy by application of its principles to group members themselves. Section A taken with Psychology 312. Section B for students now taking Psychology 312. Three units. Mr. Nuermberger.

316. DATING AND MARRIAGE
   A student-run course centered in problems of dating and marriage. Students select goals, design the semester’s program, select resource materials and invite qualified professionals for lectures and discussions. Three units. Mr. Nuermberger.

401. EXCEPTIONAL CHILDREN
   See description under Education.

402. THE MENTALLY RETARDED
   See description under Education.

410. INDEPENDENT STUDY
   Hours, credits, and assignments to be arranged through the department chairman.
SCIENCES
# BIOLOGY MAJOR

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<th>First Year</th>
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<tr>
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COURSES

C 40-41. GENERAL BIOLOGY
An introduction to biological principles: a study of plant and animal organisms, with a survey of the main historical developments, methods, and current concepts and problems. Laboratory fee: $15.00. Refundable breakage fee: $5.00. Eight units. Mr. Lothers.

C 44-45. MODERN CONCEPTS OF NATURAL SCIENCE
A study of the fundamentals of Physics, Chemistry, and Biology with special emphasis on 20th century developments in these areas. Three hours lecture. Two hours lab. Eight units. Mr. Lothers, Mr. Laugesen, Mr. Dameron.

201. COMPARATIVE ANATOMY
Classification and comparison of typical chordate animals with emphasis on the vertebrates. Prerequisite: C 40-41. or equivalent. Two lectures and six laboratory hours. Laboratory fee: $15.00. Four units. Mr. Lothers.

[202. BACTERIOLOGY]
Life histories, morphology, physiology, identification, and culture techniques. Three lectures and three laboratory hours. Four units. (Not offered 1968-1969).

208. ECOLOGY
Relations of organisms to the physical and biological conditions under which they live. Two lectures and two laboratory hours. Prerequisite: Biology C 40-41. or equivalent. Laboratory fee: $5.00. Three units.

303. GENETICS
A study of the principles that govern heredity. The course includes a consideration of the principles of Mendelian inheritance, an analysis of the underlying mechanisms of heredity and the relationships of the principles of genetics to plant and animal improvement. Prerequisite: C 40-41 or equivalent. Three lectures and two laboratory hours. Laboratory fee: $10.00. Four units. Mr. Lothers.

[304. EMBRYOLOGY]
Development of vertebrate animals. Two lectures and two laboratory hours. Prerequisite: C 40-41 or equivalent. Laboratory fee: $10.00. Three units. Mr. Lothers. (Not offered 1968-1969).

307. ANIMAL HISTOLOGY AND MICROTECHNIQUE
Tissues and organs of vertebrates. Training in the preparation of animal tissues for microscopical study. Two lectures and four laboratory hours. Laboratory fee: $10.00. Prerequisite: Biology C 40-41 or equivalent. Four units. Mr. Olney.
308. PLANT ANATOMY
Anatomy of the higher plants with emphasis on the woody forms. The lab work will include instruction in microtechnique and photomicrography. Prerequisite: C 40-41 or equivalent. Three lectures and four laboratory hours. Laboratory fee: $10.00. Four units. Mr. Olney. (Offered on demand).

401. CURRENT CONCEPTS IN BIOLOGY
Historic development of current concepts with emphasis on the theory of evolution. Reports and discussions of the current literature. Prerequisite: 8 hours of 200 or 300 courses, preferably including Genetics. Two units. Mr. Olney.

406. DIRECTED STUDIES IN BIOLOGY
Methods in biological research, familiarity with the biological literature, experience in choosing and carrying out an experiment. Students may select problems in plant physiology, plant biochemistry, biological instrumentation, embryology, bacterial genetics and ecology. Problems in other areas are also possible. Prerequisite: Eight hours of 200 or 300 courses. Two units. Mr. Olney and Mr. Lothers.
### CHEMISTRY MAJOR

<table>
<thead>
<tr>
<th>First Year</th>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>General Chemistry C 42-43</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Bible C 1-2 or C 3-4</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Mathematics 151-152</td>
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<tr>
<td>General Physics C 31-32</td>
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<tr>
<td>Mathematics 251-252</td>
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<td>4</td>
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<tr>
<td>Western Civilization C 28-29</td>
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<tr>
<td>English Composition C 10</td>
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<td>3</td>
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<tr>
<td>Literature or Music C 33</td>
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<tr>
<td>Physical Education</td>
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<table>
<thead>
<tr>
<th>Third Year</th>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>German C 16-17</td>
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<td>4</td>
</tr>
<tr>
<td>Quantitative Analysis 305-306</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Physical Chemistry 301-302</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Bible C 9</td>
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<table>
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<th>Spring</th>
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<tr>
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<tr>
<td>Philosophy C 35</td>
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<td>Speech C 3</td>
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<td></td>
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<tr>
<td>Psychology C 18</td>
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<td>Electives</td>
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</tr>
<tr>
<td></td>
<td><strong>16</strong></td>
<td><strong>12</strong></td>
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</tbody>
</table>

**Requirements for a Major in Chemistry:** At least twenty-four hours of chemistry beyond C 42-43, including 203-204, 301-302, 305-306; C 31-32 Introduction to Physics; Mathematics 151-152, 251-252; C 16-17 German. It is recommended that the student also take C 40-41 Biology.
COURSES

C 42-43. GENERAL CHEMISTRY
An introduction to inorganic and organic chemistry with special emphasis on fundamental chemical principles and their applications. Second semester will emphasize organic chemistry and include qualitative analytical procedures. Three lectures and three laboratory hours. Laboratory fee: $15.00. Refundable breakage fee: $10.00. Eight units. Staff.

203-204. ORGANIC CHEMISTRY
A study of the chemistry of carbon compounds. Methods of preparation and the characteristic properties and reactions of the important classes of organic compounds are considered. The application of fundamental principles is stressed. Three lectures and three laboratory hours. Laboratory fee: $15.00. Refundable breakage deposit: $10.00. Eight units. Mr. Donaldson.

301-302. PHYSICAL CHEMISTRY
A study of the gaseous, liquid, and solid states, solutions, elementary thermodynamics, chemical equilibria, electrochemistry and the kinetics of chemical reactions. Three lectures and three laboratory hours per week each semester. Prerequisites: Introduction to Physics and Organic Chemistry. Laboratory fee: $15.00. Refundable breakage deposit: $10.00. Eight units. Staff.

305-306. QUANTITATIVE ANALYSIS
Coverage of the principles and applications of gravimetric and volumetric analysis. The student also encounters the basic instruments used in analysis. Prerequisite: C 38-39. Two lectures and six laboratory hours. Laboratory fee: $15.00. Refundable breakage deposit: $10.00. Eight units. Staff.

402. ADVANCED ORGANIC CHEMISTRY
An intensive study of selected topics in Organic Chemistry. Prerequisite: 203-204. Organic Chemistry. Three lectures. Three units. Mr. Donaldson.

403. BIOCHEMISTRY
The study of the chemistry of living organisms and life processes, including the chemistry of fats, carbohydrates, proteins, vitamins, and hormones. Prerequisite: 203-204. Organic Chemistry. Three lectures. Three units. Staff.

404. QUALITATIVE ORGANIC ANALYSIS
The purification and systematic identification of organic compounds with problems stressing reactions involving functional groups. Prerequisite: 203-204. Organic Chemistry. One lecture and four laboratory hours. Laboratory fee: $15.00. Refundable breakage deposit: $10.00. Three units. Staff.
THE COVENANT CAMPUS

Covenant's campus and physical facilities, although not presently fully developed, are located on the very top of Lookout Mountain, 2347 feet above sea level and more than 1600 feet above the city of Chattanooga. The college is surrounded by natural beauty and by a substantial collection of historical sites related to the Civil War.

The large structure which dominates both the campus and the mountain itself was constructed in 1928 as a resort hotel. It was operated successfully for a number of years, but was closed in 1961 after a series of business failures. Many of the hotel facilities were quickly adapted for academic use, and others have been remodeled in the several years during which the college has occupied the property.

At the present time, classrooms, dining facilities, libraries, dormitories, a chapel, and student lounges are all located under one roof in this large building. Additional men's dormitory space and a student recreational center are located in a second smaller building a few hundred yards south.

The campus also includes a swimming pool, tennis and basketball courts, and access to a network of mountain trails.

In the spring of 1967, the College engaged the services of Charles H. Stade and Associates, an architectural firm in suburban Chicago, to develop plans for the long-range layout of the college campus. That plan was scheduled for completion in mid-1968.
THE LIBRARY

The T. Stanley Soltau Library provides an increasing number of services for a growing enrollment. Its holdings in February, 1968, exceeded 18,000 volumes, in addition to more than 500 records, a number of government documents, and a substantial collection of pamphlets. About 260 periodicals are regularly received.

The reading rooms now in use seat 74 students, and remodeling scheduled for the summer of 1968 will expand that slightly. A new library building has high priority in the college's building program.

STUDENT ORGANIZATIONS

The academic program at Covenant is augmented with activities principally directed by the students themselves in cultural, social, athletic, and religious areas. The Student Handbook provides a complete description of these organizations.

PRACTICAL WORK

Each student at Covenant is required to spend three hours each week in an assigned task for the College. These assignments—ranging from maintenance, domestic, or clerical jobs to assistance for administration and faculty members—are given to promote an appreciation for the value of work and to provide opportunity for learning the principles and practices of job training and supervision. Every student has ample opportunity for promotion to supervisory positions.

CARS ON CAMPUS

First-semester freshmen, with the exception of day students who must supply their own transportation to the campus, are not normally permitted to keep cars on the campus. Second-semester freshmen who are not on probation and who are maintaining a C average, and all other students may bring cars to the campus. Everyone must register motor vehicles with the
office of student affairs and the business office during the first week of each semester and must display the identifying sticker obtainable upon payment of the auto registration fee (see fees and expenses.

All students are required to show proof of adequate insurance coverage before they will be allowed to use their cars on campus.

Parking violations on campus drives and parking lots are penalized by fines which are collected by the business office.

Except in unusual circumstances approved by the student aid committee, students maintaining cars while in college are not eligible for most scholarships.
STANDARDS OF CONDUCT

The Spiritual Motive. Because Covenant College is a Christian institution, it desires to provide and maintain an atmosphere which is thoroughly conducive to the spiritual growth of the students, some of whom are perhaps more mature in their spiritual lives than others. A standard of conduct based upon the Scripture is, therefore, desirable and necessary to provide the proper environment for this growth.

All of the activities of Christians should be subordinated to the glory of God. The Christian's body is the temple of the Holy Spirit and must therefore be treated as such. The Christian should be aware that the stewardship of his time, talents, and resources affects his testimony before God and men. He must avoid any practices which would cause a loss of personal fellowship with Christ or make him less sensitive to his own sin or the needs of a lost world about him.

But also, the Christian must realize that the Scripture teaches that many practices, which may not be intrinsically evil, can and do become a stumbling block to others and therefore must be avoided. In an institution where it is necessary to meet the needs of all, certain restrictions must be laid down which might never be necessary in the individual's own personal or family life. The student at Covenant College, however, is expected cheerfully and voluntarily to abide by the regulations which have been made for the good of all. It should be clearly understood that in establishing these regulations for the college life there is no thought of judging others who might engage in some of the practices which are not permitted the students either on or off the campus.

The Specific Regulations. The act of registration is considered a pledge on the part of the student to abide by the rules and regulations of the administration and faculty. Attendance at Covenant is always a privilege, and not a right.
In sensing the need for spiritual growth in the lives of all members of the College community, and in attempting to provide the most conducive atmosphere for this growth, all members of the Covenant family (faculty, staff and students) are asked.

(1) To seek in all things to live in conformity to the moral law of God as set forth in the Word of God; and

(2) To abstain from alcoholic liquors, tobacco, dancing, and gambling. Attendance at public theaters is allowed only upon approval of the specific event by administration and faculty.

Although these restrictions may seem arbitrary to some and unnecessary to others, experience has proved that a more happy, harmonious campus life will result if these practices, so detrimental to many, are omitted. Of course, their mere omission will not produce spirituality, but the heart motivating such omission will provide a proper atmosphere for its development.

Detailed regulations concerning student life are published in the Student Handbook.
ADMISSION

A student is admitted to Covenant College by certificate from his secondary school, by transfer, or, in special cases, by examination. The Committee on Admissions, in evaluating the records of the applicants, seeks to select students who give evidence of possessing the particular qualities of mind and purpose which an education in a Christian liberal-arts college requires and whose personal qualifications give assurance that they will be responsible and contributing members of the college community.

Covenant College was approved for nonimmigrant students on September 23, 1956, by the District Director of the Immigration and Naturalization Service. Covenant College is also approved for the training of ex-service personnel under public laws. Covenant College meets the criteria established by the United States Office of Education for listing it in its Higher Education directory.

**Application for Admission.** Application for admission must be made on the official form obtainable from the Director of Admissions. A fee of ten dollars must accompany each application. This fee is not refundable, since it covers only the expense of processing an application, evaluating credentials, and establishing a permanent record. The student should request his secondary school to send its official transcript of his record directly to the Admissions Office, and, if the student is applying for advanced standing, he should also request official transcripts to be sent directly to the Admissions Office from any college or other educational institution in which he has earned credits. Scores for the Scholastic Aptitude Test (SAT) must be forwarded to the Admissions Office. The code number for Covenant College is 6124 for SAT scores.
Each student must also submit with his application for admission a physician's certificate on forms furnished by the College.

**Admission from a Secondary School.** A candidate for admission should be a graduate of an approved secondary school. The student should have at least 15 units, each unit representing one year of satisfactory work in a subject. It is recommended that the units be distributed as follows:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
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<tbody>
<tr>
<td>English</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Mathematics (Algebra, geometry, trigonometry)</td>
<td>2</td>
</tr>
<tr>
<td>One foreign language</td>
<td>2</td>
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<tr>
<td>History and social studies</td>
<td>2</td>
</tr>
<tr>
<td>Natural science</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>4 or 3</td>
</tr>
</tbody>
</table>

Not more than four units in vocational or commercial subjects are acceptable. However, a course in personal typewriting is recommended.

Since the primary concern is evidence that a student is prepared to carry on college work, the Committee on Admissions is willing to consider the applications of students whose preparation may vary from the usual pattern. For instance, students may be admitted if they are graduates of an approved secondary school, or if they have equivalent education representing a four-year course of study, provided they rank above average in a battery of tests given at Covenant College.

Honorably discharged military personnel who attain a satisfactory score either on the General Education Development Tests administered in the service, or on a battery of tests given at Covenant College, may also be admitted. The College tests include such specific subjects as English and mathematics as well as general scholastic aptitude.

**Admission to Advanced Standing.** Students with satisfactory records from other colleges or educational institutions of approved standing will, providing the courses have been completed with a grade no lower than a C, ordinarily be granted advanced credit.
Transfer students from non-accredited institutions will receive conditional credit for courses taken in those institutions. They will be required to maintain an acceptable academic standing in Covenant College for a full semester before conditional transfer credit becomes final. Transfer students may, with the consent of department heads, be excused from certain required courses for which they have had equivalent general subject matter in a nonaccredited institution. They will, however, substitute elective credit units equal to the required courses omitted.

No student admitted from another institution will be eligible for graduation from Covenant College until he has completed a minimum of 30 academic units in this institution.

**Special Students.** The College will admit as special students mature persons who do not wish to work for a degree because of personal objectives or because of irregularities in qualifications. Such students must submit satisfactory records of education and experience and obtain the approval of the chairman of the department in which the courses are to be taken. Special students will not receive college credit. They will be required to pay the regular tuition fees.

**Auditors.** Persons who do not wish to register for credit or as special students may be permitted to register as auditors under the following conditions: that they (1) pay the tuition charges for the courses in which they seek enrollment and the regular fees (no additional fee for students registered for a full-time credit load); (2) obtain the consent of the instructor; and (3) audit only courses for which there are adequate classroom and laboratory facilities. Graduates of Covenant College and Covenant Theological Seminary may audit courses without tuition charge, unless they wish to apply credit toward another degree. All permissions and registrations for auditing courses shall be filed in the Registrar's Office.
REGISTRATION

Orientation. During the first week of the fall term, new students arrive on campus, ahead of upperclassmen, for a special program of orientation. In this period, they take achievement and placement tests, attend lectures on student life and traditions, become acquainted with campus facilities, receive pre-registration counseling, participate in social gatherings, and complete their registration.

As a continuing part of the new student’s orientation to college life, permissions for off-campus weekends or overnight visits will not be granted until the fifth weekend after registration.
Registration Rules. All students will be expected to register during the regular registration periods at the beginning of each semester. Late registration will entail a fee of $10.00.

A student is not considered fully registered until he has paid the entire amount of his semester's charges.

The tenth day of classes in each semester is the last day it is possible to register for full credit in any course. All work missed must be made up.

Course Load. Regularly enrolled students will be expected to carry 16 credit units per semester. Students will not be allowed to register for more than 19 units without special permission. Those students whose classwork is below standard, or who find it necessary to be employed for more than 20 hours of work each week, may be required to reduce their programs of study.

Dropping or Changing Courses. A student who wishes to withdraw from an individual course, or to change his enrollment from one course to another, must have the express permission of the Registrar. In general a student may not withdraw from a course after the end of the fifth week without receiving an F for the course, unless his grade average at the time of withdrawal has been C or higher. No student will be allowed to change courses after the tenth day of class in any semester. A fee will be charged for all class changes unless the circumstances requiring the change are beyond the control of the student.

Withdrawal from the College. Students desiring to withdraw from school before the end of a semester must notify the Registrar in writing. For refunds see page 97.

THE TESTING PROGRAM

During the orientation period in the fall all entering freshmen are required to take the Covenant College placement tests. Students with low scores will be required to take reduced academic loads.
Before graduation most seniors will be required to take the Graduate Record Examination Aptitude Test. Those students who have majored in English, history, mathematics, music, philosophy, psychology, and science may also take the special tests in the fields of their specialization, now required by many graduate schools.

Seniors majoring in certain fields will also be required to take comprehensive department examinations.

SCHOLASTIC STANDARDS

One of the criteria for the granting of the Bachelor of Arts and Bachelor of Music degrees is the satisfactory completion of required courses with a grade point average of 1.0 in all subjects.

The Credit and Grading System. A unit is the amount of credit given for attendance in class for a period of fifty-five minutes once a week throughout the semester.

A grade point is a measure of quality assigned to or withheld from units of credit according to the system of grades in force in the College.

Grades are assigned as follows:
A means SUPERIOR and carries 4 grade points per unit of credit.
B means GOOD and carries 3 grade points per unit of credit.
C means AVERAGE and carries 2 grade points per unit of credit.
D means PASSING but inferior, and carries 1 grade point per unit of credit.
F means FAILING and carries no grade point.
INC means INCOMPLETE and indicates that part of the required work for the semester has not been completed. Such work must be completed within eight calendar weeks after the close of the semester or it will be recorded as incomplete and averaged as failure.

The grade assigned after the removal of an Incomplete, will not be higher than C unless, in the opinion of the Registrar after consultation with the instructor, the original Incomplete was assigned because of circumstances beyond the control of the student.

The standing of all students having grades below C is reported to the Dean at the middle of each semester.
Proficiency in English. Instructors in all departments of Covenant College expect the written work of students to be in clear and correct English and to show competence in the organization and development of ideas. Therefore the following rules will be observed:

(1) Any student earning an F in Freshman Composition will retake the course.

(2) Any student earning a D in Freshman Composition will take a proficiency test in English, administered by the English Department.

(3) Any student who fails to show sufficient proficiency on that examination will take such programmed instruction as will render him competent to pass a similar test, to be given in approximately one month’s time (additional tests may be given as often as necessary).

(4) Any student turning in to any member of the faculty of Covenant College work that is unsatisfactory in its writing will be referred to the chairman of the English Department and will submit to rules (2) and (3) above.

Probation. A student whose grade-point average in a given semester or whose cumulative grade-point average for more than one semester is unsatisfactory will be placed on academic probation, a warning that the student is not making satisfactory progress toward a degree. Specific regulations will be found in the Student Handbook.

Absence and Tardiness. All students are expected to attend classes and chapel regularly. Absence from classes in any course will affect the quality of work in the course and ultimately affect a student’s academic standing. The specific regulations concerning absences are printed in the Student Handbook.

Classification of Students. Students who have at least 15 acceptable units of entrance credit are classified as FRESHMEN. SOPHOMORES must have at least 18 units with a grade-point average of 2.0.

JUNIORS must have at least 60 semester units with a grade-point average of 2.0.

SENIORS must have at least 90 semester units with a grade-point average of 2.0.
Scholastic Honors. The Dean’s List, which is announced at the close of each semester, contains the names of all students who have taken 14 or more hours with a grade-point average for the semester of 3.30, with no courses incomplete, and with no mark below C in any academic course.

Seniors who have been on the Dean’s List each semester continuously since their freshman year or whose cumulative grade-point average is 3.50 will be excused from second semester final examinations, except in their major field if a department comprehensive examination is required.

Students who maintain a grade-point average of 3.50 throughout their college course will be graduated cum laude. Those who maintain an average of 3.75 will be graduated magna cum laude. Those who maintain an average of 3.90 will be graduated summa cum laude.

GENERAL REQUIREMENTS FOR GRADUATION

The Bachelor of Arts Degree. Upon recommendation of the faculty and approval by the Board of Trustees, the degree of Bachelor of Arts is conferred upon students who have met the following requirements for graduation:

1. A minimum of 124 credit units (plus two units of physical education) completed within six years after first registration.
2. A grade point average of 2.0.
3. The fulfillment of all basic requirements.
4. At least 40 units in upper-division courses.
5. Compliance with all requirements in the major field.
6. No grades below C in the field of the major.
7. A residence of one year and the completion of 30 units at Covenant College.
8. The payment of all bills and the return of all equipment and library books.
9. The satisfactory completion of all required Graduate Record Examinations.

The Bachelor of Music Degree. Upon recommendation of the faculty and approval of the Board of Trustees, a student may receive the degree of Bachelor of Music by meeting the following requirements for graduation:
1. A minimum of 126 credit units completed within six years after first registration.
2. A grade point average of 2.0.
3. No grades below C in the major field.
4. Compliance with the requirements established by the department.
5. The payment of all bills and the return of all equipment and library books.
6. A residence of one year and the completion of 30 units at Covenant College.

SPECIFIC REQUIREMENTS FOR GRADUATION

Because the faculty believes that a liberal arts education should be broad and inclusive, involving the student with ideas and values of continuing concern and providing him with historical and spiritual perspectives against which to view the complex problems of our society, the College has set a number of basic requirements for graduation.

Certain core courses are required of all students; except those in special programs:

- C 1-2, 3-4. Old Testament 6
- C 5-6, 7-8. New Testament 6
- C 9. Christian Doctrine 3
- C 10. English Composition 3
- C 11. Public Speaking 3
- C 29-30. Western Civilization 6
- C 35. Philosophy of the Christian Faith 4
- C 36-38. Physical Education 3
- C 39. General Psychology 3

Students must make a selection in each of the following groups:

(A) FOREIGN LANGUAGE 14
   C 12-15. Greek 14
   C 16-19. German 14
   C 20-23. French 14
   C 24-27. Spanish 14

(B) SCIENCE 8 or 10
   C 31-32. Introduction to Physics 10
   C 40-41. General Biology 8
   C 42-43. General Chemistry 8

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Recommended distribution of Core courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Freshman</th>
<th>Sophomore</th>
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</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Western Civilization</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Bible</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*Science</td>
<td>4 or 5</td>
<td>4 or 5</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1½</td>
<td>1½</td>
</tr>
<tr>
<td>Electives</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td>16½</td>
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<td></td>
<td>or or</td>
<td>or or</td>
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<td></td>
<td>17½</td>
<td>17½</td>
</tr>
</tbody>
</table>

* A student electing foreign language would probably delay science till his junior year. A student planning a mathematics major will register for Mathematics 151-152 as a freshman.

A student planning a music major will register for Applied Music as a freshman. A student planning a philosophy major will register for as his science.
GENERAL STATEMENT

It is the desire of Covenant College, within the limits of its available funds, to offer its Christian educational opportunities to all who qualify for admission, regardless of individual economic circumstances.

The cost of an education at Covenant is only partly covered by tuition charges; the balance is paid from contributions made by friends and alumni of the College. Because of increasing costs, the Board of Trustees reserves the right to make changes at any time in the tuition charges and other general and special fees.

The College requires that each student have sufficient funds on hand to cover the expenses of the first semester. It is not advisable for a freshman, particularly during the first semester, to attempt to earn any substantial part of his college expenses by outside employment.

The College does not require the signing of a formal agreement by the student. However, registration constitutes an agreement to accept and abide by all rules and regulations of the College affecting finance. The College does not maintain a billing system to parents but expects each student to take care of his account. This is a part of the educational process, develops a sense of responsibility of meeting one’s obligations promptly, and familiarizes the student with the investment made in his education.
FEES AND EXPENSES

General
Application fee (payable only once) $ 10.00
Dormitory equipment fee (payable only once, not refundable, being applied against the general upkeep of residence facilities) 10.00
Key deposit 1.00
Tuition, per semester, for 12-17 hours 450.00
Tuition, for students taking less than 12 hours, per unit 38.00
Tuition, for hours in excess of 17, per unit 20.00
Student Activity fee, per semester 21.50
Laboratory fee, see course descriptions
Health fee (includes 9 months' insurance), per semester 15.00
Physical education fee, per semester 4.00
Library fee, per semester 5.00
Graduation fee (including Graduate Record Examination) 25.00
Chorale fee (payable once) 3.00

Residence
Board, per semester 260.00
Room in dormitory, per semester 140.00
Linen rental, per semester 10.00

Special
Deposit on fees (not refundable) 50.00
Late registration 10.00
Change in course 5.00
Late placement tests, each 10.00
Examinations taken at unscheduled hours, each 5.00
Transcripts, after the first, each 1.00
Auto registration fee, per semester 5.00
Transportation, to or from planes and trains: to be announced
Auditing fee, per unit 20.00

Music
Fees for Private Instruction:
For full-time students:
One half-hour lesson weekly, per semester $ 32.00
Two half-hour lessons weekly, per semester 64.00
For students enrolled for less than twelve units:
One half-hour lesson weekly, per semester 48.00
Two half-hour lessons weekly, per semester 96.00
For students not enrolled in the college:
One half-hour lesson, per half hour 4.00
Fees for practice on piano:
   One practice hour daily, per semester  5.00
   Two practice hours daily, per semester  9.00
Fees for practice on Hammond organ:
   Each hour  .50

BOARD AND ROOM

All college students must live in the dormitory unless specifically excused by the Dean of Students.

Meals are served beginning on registration day through final examinations, with the exception of the Christmas and spring recesses.

Rooms may be occupied without charge by returning students on the day before registration and by new students on the day before the orientation and testing program begins.

Linen service, including two single bed sheets, a pillowcase, and two towels, will be provided for students on a weekly basis. The cost is $10.00 per semester.

PAYMENT OF COLLEGE CHARGES

Policy. Inasmuch as a student's account cannot be estimated exactly in advance of registration day, it is required that the amount of Tuition, Room, Board, Linen Rental, Student Activity, Health Fee, and Library Fee be paid at registration. This amount is $902.00. The amount of any additional cost for books and special fees may be forwarded to parents by the student.

A $25.00 late payment fee will be charged on any account for which payment is received after ten days from date of registration. If necessary, the Business Office will gladly assist students in their efforts to secure needed funds from external sources such as bank loans, government loans, and scholarship funds. Such assistance must be sought prior to the time of registration, and no student will be admitted to classes unless he has made complete arrangements for the full payment of all charges due.
Budget Estimate for a College Year. It is suggested that each student prepare in advance an estimate of his expenses for a college year (two semesters). In addition to the charges itemized above under Fees and Expenses, the student should include in such an estimate his travel expenses, clothing, laundry, cleaning, and incidental personal expenses. Books and supplies will normally cost $80.00 to $100.00 a year. Students provide their own blankets (for single beds) although other linens are supplied as described under Board and Room. It is customary for roommates to consult each other after arrival about the color scheme for bed spreads and any other room accessories they desire.

SCHOLARSHIPS AND LOANS

Inquiries concerning scholarships and loans should be addressed to the Director of Admissions, and requests for such financial assistance should be made at the time of application for admission.

Dependent children of ordained ministers engaged in full-time pastorates, of Reformed Presbyterian ministers in full-time Christian service or retired from the same, of ordained ministers serving in Reformed Presbyterian agencies, and of board-appointed missionaries in active service, are all eligible for partial tuition scholarships.

The Annie Irvine Scott Loan Scholarship Fund. As a memorial to the late Mrs. Annie Irvine Scott of Gainesville, Texas, a substantial loan scholarship fund has been established at Covenant College. The fund is available to students who are seeking an education to fit them for full time Christian service and who are unable otherwise to obtain funds for their education. No interest is charged if the loan is repaid within one year; after that, one-half percent interest is charged each month until the balance is paid.

Clara Belle Dinkle Memorial. Captain and Mrs. Martinus Uding have established a student loan fund in memory of Mrs. Uding's
aunt. The fund is designated for the assistance of students seeking a nursing education. If such students are not available this loan fund is to be used for assistance to children of missionaries.

The Barrows Endowment Fund. Established by Mr. and Mrs. Fred C. Barrows of Lookout Mountain, this fund provides tuition assistance for a freshman student from Georgia, Alabama, or Tennessee. Application should be made through the business manager.

Higher Education Act. The College participates in several programs under the Higher Education Act of 1965. These are: (1) College Work Study Program, (2) National Defense Student Loan Program, and (3) Opportunity Grants.

United Student Aid Fund Loans. Covenant College is enrolled in the program of the United Student Aid Fund, Inc., a private, non-profit service corporation which endorses low-cost long-term loans to students through local banks. For additional information please write the Business Office of the College or visit your local bank. Collateral for the loans is protected by the Covenant College deposit in the United Student Aid Fund’s reserve.

Tuition Scholarships. Scholarships for partial tuition are available to sons and daughters of ministers and missionaries.

Work Scholarships. A limited number of work scholarships is available to students who need financial assistance and whose scholastic record is satisfactory.

The Hellenist Award. The student who achieves the highest academic standing in any Greek course offered in the Department of Classics shall receive at Commencement a lexicon or other appropriate language aid to encourage further interest and endeavor in the fields of Hellenistic studies.

The recipient of this award must have achieved at least an A average of 90. This award may not be granted more than once to the same student.
INSURED TUITION PAYMENT PLAN

The Insured Tuition Payment Plan divides the entire two, four, six, eight or more semesters of educational expense into monthly installments, which begin a few months before the first tuition bill is due and end a few months before the student graduates. Because this is a parent prepayment plan, there is no interest charge. Low-cost term insurance is included so that in the event of the death or disability of the parent who pays the expenses, the student's educational expenses will be completed by the insurance.

The earlier a plan is started for a student, the smaller the monthly installments and the longer the terms of the insurance protection.

Information about this plan is sent to the parent of each incoming student as soon as the student has been accepted for admission and has enrolled. For information in advance of this date, write to: Mr. Richard C. Knight, 'Insured Tuition Payment Plan, 38 Newberry Street, Boston, Massachusetts 02116.

REFUNDS

Compulsory Withdrawal. When a student is requested to withdraw because of unsatisfactory academic work, failure to comply with regulations of the college, or personal conduct considered to be injurious to the maintenance of wholesome campus life, no fees will be refunded or remitted.

Schedule. Refunds are granted only upon written application to the Business Office of the College. The College will normally adjust accounts on tuition, board, and music fees. The following policy will prevail:

If the student leaves during the second week, a refund on tuition and music fees of 80%; during the third week, 60%; during the fourth week, 40%; during the fifth and sixth week, 20%; after the sixth week, no refunds.

Board refund will be prorated based on days remaining in semester.
Veterans. The refund policy of Covenant College shall be in accordance with the regulations of the Veterans Administration, Section 254, Public Law 550, that is, it shall maintain "a policy for the refund of the unused portion of tuition, fees, and other charges in the event a veteran fails to enter the course or withdraws or is discontinued therefrom at any time prior to completion and such policy provides that the amount charged to the veteran for tuition, fees, and other charges for a portion of the course does not exceed the approximate pro rata portion of the total charges for tuition, fees, and other charges that the length of the completed portion of the course bears to its total length."

PART-TIME EMPLOYMENT

Part-time employment is available to many students in the nearby communities. Some students earn only a few dollars under the part-time work program, while other students may earn a substantial part of their college expenses. The College cannot guarantee employment to any of its students, but offers assistance in obtaining part-time jobs. A student who needs to earn part or all of his college expenses must have his work plans approved in advance and arrange his academic load in special conference with his adviser.
FALL SEMESTER

August 3 (Sat.) Administrative Planning Conference
August 22 (Thurs.) Soccer Camp Begins
August 22-23 (Thurs.-Fri.) Faculty Fall Conference
August 24-26 (Sat.-Mon.) New students arrive on campus
August 26 (Mon.) Faculty reception and luncheon for new students and their families
August 27-29 (Tues.-Thurs.) Academic Orientation
August 27-28 (Tues-Wed.) Placement tests for new students
Aug. 28-Sep. 1 (Wed.-Sun.) Spiritual Life Emphasis Meetings
     August 29 (Thurs.) Registration of Upperclassmen
     August 30 (Fri.) Registration of Freshmen and Transfer Students
August 31 (Sat.) School Outing
September 1 (Sun.) Opening Convocation
September 2 (Mon.) Classes begin
September 6 (Fri.) New students visit faculty homes
September 7 (Sat.) Student Council program
October 22 (Tues.) Mid-semester marks due
October 30 (Wed.) Campus Day
November 2 (Sat.) Administrative Planning Conference
November 5 (Tues.) Spring Semester Pre-registration
November 19 (Tues.) Day of Prayer
Nov. 28-Dec. 2 (Thurs.-Mon.) Thanksgiving Recess
December 3 (Tues.) Classes resume
December 6 (Fri.) Christmas Banquet
December 11 (Wed.) Last day of classes
December 12 (Thurs.) Study Day
December 13-19 (Fri.-Thurs.) Final examinations (including Saturday but excluding Monday morning)
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>January 7 (Tues.)</td>
<td>New students arrive</td>
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<tr>
<td>January 7 (Tues.)</td>
<td>Registration of Upperclassmen</td>
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<tr>
<td>January 8 (Wed.)</td>
<td>Registration of Freshmen and Transfer Students</td>
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<td>January 9 (Thurs)</td>
<td>First day of classes</td>
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<td>January 20-24 (Mon.-Fri.)</td>
<td>Missionary Conference</td>
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<td>February 11 (Tues.)</td>
<td>Day of Prayer</td>
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<td>February 22 (Sat.)</td>
<td>All-School Semi-formal Dinner</td>
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<tr>
<td>February 28 (Fri.)</td>
<td>Mid-semester marks due</td>
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<tr>
<td>March 8 (Sat.)</td>
<td>Spring recess begins</td>
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<tr>
<td>March 8-17</td>
<td>Chorale Tour</td>
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<td>March 18 (Tues.)</td>
<td>Classes resume</td>
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<td>April 2 (Wed.)</td>
<td>Campus Day</td>
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<tr>
<td>April 18 (Fri.)</td>
<td>Tales of the Covenanters' Banquet</td>
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<tr>
<td>April 24 (Thurs.)</td>
<td>Last day of classes</td>
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<tr>
<td>April 25 (Fri.)</td>
<td>Study Day</td>
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<tr>
<td>April 26-May 2 (Sat.-Fri.)</td>
<td>Final examinations (including Sat-urday but excluding Monday morning)</td>
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<td>May 3 (Sat.)</td>
<td>Commencement</td>
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Correspondence concerning College affairs may be directed to the following offices:

GENERAL INFORMATION
Marion D. Barnes, President

ADMISSION REQUIREMENTS
APPLICATION FORMS
TRANSCRIPTS
Rudolph F. Schmidt, Director of Admissions

STUDENT AFFAIRS
Paul R. Gilchrist, Dean of Students

FACULTY
COURSE OFFERINGS
John W. Sanderson, Jr., Dean of Faculty

SCHOLARSHIPS
STUDENT ACCOUNTS
STUDENT EMPLOYMENT
STUDENT LOANS
GOVERNMENT LOANS
John W. Shoop, Business Manager

PUBLIC RELATIONS
ALUMNI MATTERS
INVESTMENT OPPORTUNITIES
E. Allen Duble, Director of Development

All offices should be addressed at Covenant College, Lookout Mountain, Tennessee, 37350. The college telephone is (404) 831-6531.

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THAT IN ALL THINGS, CHRIST MIGHT HAVE THE PRE-EMINENCE