Covenant College Catalog

This catalog is for informational purposes and does not constitute a contract.

Covenant College is a four-year liberal arts college, the trustees of which are elected by the Reformed Presbyterian Church, Evangelical Synod, and the Presbyterian Church in America. The college is a member of the Southern Association of Colleges and Schools.

Covenant College does not discriminate on the basis of race, color, national origin, handicap, or sex; in admissions, financial aid, or access to, or employment in, programs and activities administered by the college.

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The Gally (Memorial) Scholarship Fund was established through the generosity of Mr. Don Gally, Christian businessman and philanthropist of Knoxville, Tennessee. These scholarships are for students who are working to defray a substantial part of their college expenses, who are maintaining an average or better set of grades and who need this assistance in order to continue in school. The scholarships may be awarded to an individual successively for the several years that he or she continues to make good progress in school. Candidates for these scholarships must be recommended to the Student Financial Aid Officer by the Dean of Students.

Financial Aid (page 6)

The amount noted in the first paragraph is now approximately $2600.00.

The Credit and Grading System (pages 13-14)

The grades INC, W, WP, and WF have been redefined as follows:

INC means INCOMPLETE and indicates that part of the required work for the course has not been completed. An incomplete is granted at the discretion of the instructor. Incompletes in Fall semester courses must be completed by the first day of the following Fall semester, in Spring semester or May-term courses by the first day of the following Spring semester, and in Summer courses by the first day of the next year’s Fall semester. If the course remains Incomplete on the expiration date, the instructor will assign an appropriate mark.

W means WITHDRAWN during the first half of the semester, except that for Independent Study, Private Study, and Correspondence Courses, the time may at the instructor’s discretion be extended through the grace period for Incompletes. Units are not included in computing the grade-point average.

WP means WITHDRAWN PASSING during the last half of the semester or during the grace period for Incompletes and indicates a passing average at the time the course was dropped; units are not included in computing the grade-point average.

WF means WITHDRAWN FAILING during the last half of the semester or during the grace period for Incompletes, indicates a failing average at the time a course was dropped, and carries no grade point; units are included in computing the grade-point average.

Accounting, Business Administration, and Economics

Off-Campus Studies (page 13)

From time to time, Biblical Studies 100: Introduction to Christian Living in Society is offered at the Walker County Correctional Institution to both Covenant College students and Christian inmates of the correctional institution.

Requirements for Major in Accounting

<table>
<thead>
<tr>
<th>Course Requirement</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>Bib 111, 113 or 129, Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148, New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278, Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 112, Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>Eng 366, Literature for Children</td>
<td>3</td>
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<tr>
<td>Eng 112, Literature for Children</td>
<td>3</td>
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<tr>
<td>Language sequence (four courses)</td>
<td>12-14</td>
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<tr>
<td>PE 51-52, Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 55, First Aid and Personal Safety</td>
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Major and Supporting Course Requirements

<table>
<thead>
<tr>
<th>Major Course Requirement</th>
<th>Units</th>
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<tr>
<td>Acc 201. Principles of Accounting I</td>
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<td>Acc 202. Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>Acc 203. Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Acc 300. Intermediate Accounting I</td>
<td>3</td>
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<tr>
<td>Acc 301. Intermediate Accounting II</td>
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<tr>
<td>Acc 302. Cost Accounting I</td>
<td>3</td>
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<tr>
<td>Acc 302. Cost Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>Acc 400. Advanced Accounting</td>
<td>3</td>
</tr>
<tr>
<td>Acc 405. Tax Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>Acc Electives (upper division)</td>
<td>6</td>
</tr>
<tr>
<td>Bus 340. Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>Bus 345. Business Law</td>
<td>3</td>
</tr>
</tbody>
</table>
Courses in Accounting

201-202. Principles of Accounting
A study of the fundamental principles of accounting as they apply to modern business practices, including the theory of debit and credit, accounting records, simple balance sheets and income statements. Six units. Miss Moore.

203. Managerial Accounting
A study of the functions and use of accounting information from the manager's perspective. Areas of study include: cost flow analysis, performance measurement and reporting, cost behavior patterns, capital investment decisions, cost control and income tax considerations. Prerequisite: Principles of Accounting I (Acc 201). Three units. Miss Moore.

300. Intermediate Accounting I

301. Intermediate Accounting II
Special accounting problems peculiar to corporate organizations with attention to stockholder's equity and long-term debt sections of the balance sheet. Treatment of leases, pension plans, stock options, earnings per share and income tax allocation. Recognition of increasing impact of inflation on asset valuation. Standards of disclosure required on changes; effect of errors on financial statements; preparation of cash flow and funds flow; analysis of financial statements. Prerequisites: Principles of Accounting I & II, Int. Accounting I. Three units. Miss Moore.

302. Cost Accounting I
The development of cost accounting systems as a means of planning, controlling, evaluating operations. Development of unit standard costs; job order and process costing; material and labor cost methods; responsibility accounting; operational and capital budgeting models and their data requirements. Prerequisites: Acc 201-202. Three units. Miss Moore.

303. Cost Accounting II
Cost accounting and the planning of profits, costs and sales. The cash budget and projected income statement, balance sheet. Cost behavior analysis and flexible budgets; controlling costs and profits; direct costing; marketing cost and profitability analysis; break-even and cost-volume-profit analysis; differential and comparative cost analysis. Prerequisites: Acc 201-202, 302. Three units. Miss Moore.

304. Internal Audit
The theory and practice of independent audits including the necessity of statements credibility; qualifications, standards, and the development of the auditor's report. Internal control systems; technical considerations in conducting the examination of financial statements; standards of reporting, short and long-form reports. Prerequisites: Acc 201-202, 300-301. Three units. Miss Moore.

400. Advanced Accounting
A study of special accounting problems. Topics include: accounting for partnerships, business combinations, consolidated financial statements, interim financial reporting by multinational businesses and accounting for not-for-profit entities. Prerequisites: Acc 201-202, 300-301. Three units. Miss Moore.

405. Tax Accounting I
A study of income tax law and of tax cases to provide a basis for understanding both the law and the rate structure. Applications include problems and implications of income taxation for business decisions. Prerequisites: Acc 201-202, 300-301. Three units. Miss Moore.

406. Tax Accounting II
A study of a variety of federal, state, and local payroll, excise, property, franchise taxes applicable to business firms and nonprofit organizations. Evaluation of taxes studied including impact on different type of firms. Prerequisites: Acc 201-202, 300-301, 405. Three units. Miss Moore.

409. CPA Problems
A course designed to introduce the student to the nature and content of the "Uniform CPA Examination." The course emphasizes problem solving practice. Prerequisite: Permission of the instructor. Miss Moore.

Requirements for Major in Business Administration

Core Requirements (Details, including alternative courses, are given on page 11)

ID 31. Foundations of Modern Culture ..................4
ID 91. Philosophy of Culture ...........................3
ID 92. Senior Integration Project .........................2
Bib 111, 113, or 129. Old Testament .....................3
Bib 142 or 148. New Testament ........................3
Bib 277-278. Christian Doctrine .........................6
Eng 11-12. English Composition ........................4
His 102. Trans-Atlantic Civilization .....................4
Laboratory Science sequence ............................8
Soc 141. Principles of Sociology or Psy 100. General Psychology ..........................3 or 4
ID 36. Perspectives on the Arts ........................1
Art 111, Introduction to Art or Mus 171. Introduction to Music or Eng 112. Introduction to Literature or Eng 366. Literature for Children ..........................3
Language sequence (four courses) .......................12-14
PE 51-52. Health and Physical Education .................2
PE 55. First Aid and Personal Safety .....................1

Major and Supporting Course Requirements

Acc 201. Principles of Accounting I .....................3
Acc 202. Principles of Accounting II or
Acc 203. Managerial Accounting ........................3
Bus 230. Principles of Marketing ........................3
Bus 340. Business Finance .............................3
Bus 345. Business Law ................................3
Bus 300. Principles of Management ....................3
Bus 400. Business Policy (Senior Seminar) ..............3
3 hours of Upper Division Accounting/Economics .......3
6 hours of other Upper Division Business Administration courses ..................................................6
CS 100. Introduction to Computer Science ...............3
Eco 201. Principles of Economics I .......................3
Eco 202. Principles of Economics II .....................3
Mat 141. Pre-calculus Mathematics .....................3
Mat 251. Elementary Statistical Methods ................4

Requirements for Minor in Business Administration

Acc 201. Principles of Accounting I .....................3
Acc 202. Principles of Accounting II or
Requirements for Associate of Arts Degree in Business Administration

Core Requirements (For details, see page 12)

ID 31. Foundations of Modern Culture .......... 4
Bib 111, 113 or 129. Old Testament .......... 3
Bib 142 or 148. New Testament .......... 3
His 102. Trans-Atlantic Civilization .......... 4
Eng 11-12. English Composition .......... 3
Lab 100. Introduction to Computer Science .......... 3
Lab 201. Principles of Accounting I .......... 3
Lab 302. Principles of Accounting II .......... 3
Mat 100. Pre-calculus Mathematics .......... 3
Mat 141. Pre-calculus Mathematics .......... 3
Mat 251. Elementary Statistical Methods .......... 4

Area of Concentration

Acc 201. Principles of Accounting I .......... 3
Acc 202. Principles of Accounting II .......... 3
Acc 203. Managerial Accounting .......... 3
Bus 300. Principles of Management .......... 3
Bus 301. Principles of Economics I .......... 3
Bus 302. Principles of Economics II .......... 3
Mat 141. Pre-calculus Mathematics .......... 3
Mat 251. Elementary Statistical Methods .......... 4

Courses in Business Administration

Bus 230. Principles of Marketing
The study of consumer and industrial markets and the formulation of marketing policies and strategies relating to product, price, channels of distribution and promotion are stressed. The course seeks to explore fashion and life cycles, consumer behavior as well as the legal and institutional environment of marketing. Three units. Mr. Kirms.

Bus 300. Principles of Management
Contemporary concepts of management with an examination of the various presuppositions underlying the various theories. An analysis of the tasks of the business executive and his productive functions, scientific management and basic features of business administration. Prerequisite: Consent of instructor. Three units. Mr. Kirms.

Bus 320. Personnel Administration
A study of the role and function of the personnel department in the management of an organization. Emphasis is placed on current thought in the areas of the personnel environment as well as traditional personnel functions. Prerequisite: Bus 300. Three units. Mr. Kirms.

Bus 327. Transportation Principles
A study of the history and development of the modes of transportation in the U.S. together with current transportation problems as they affect our modern industrialized society. Prerequisites: Bus 230, Eco 202, Bus 300. Three units. Mr. Kirms.

Bus 335. Principles of Advertising
A study of the role of advertising and promotional activities in today's business world. Topics include: advertising in our lives, marketing research, advertising agencies, forms and media for advertising, and the creation of advertising. Prerequisite: Bus 230. Three units. Mr. Kirms.

Bus 336. Principles of Salesmanship
A study of the buying behavior of both industrial and consumer markets, the selling process, and the salesman's role within today's complex and multivaried society. Prerequisite: Bus 230. Three units. Mr. Kirms.

Bus 340. Business Finance
A survey of the general field of finance, including various types of business organization, capitalization, methods of obtaining capital, stocks, bonds, mortgages, consolidations, mergers, business failure and reorganization. Prerequisites: Acc 201-202 or Acc 203. Three units. Mr. Mitchell.

Bus 345. Business Law
An introductory course in the applied principles of business law, based on a case study of contracts, negotiable instruments, agency, sales, bailments, and the transfer of real and personal property by individuals, partnership and corporations. Three units.

Bus 400. Business Policy (Senior Seminar)
A seminar designed to probe the relationships of various disciplines in the solution of business and organizational problems. Attention will also be given to business structures, governmental policies and international forces affecting the business organization and its practices. Prerequisites: Senior standing and completion of the major portion of the business core. Mr. Kirms.

Bus 427. Materials Management
A study of the functions of technical purchasing for industrialized organizations. Topics include: Quality Assurance, Inventory management, Price Analysis, Supplier selection and evaluation, make or buy decision-making, Value Analysis, Negotiations, Contract Cancellations and other related topics. Prerequisites: Bus 230, Bus 300. Three units. Mr. Kirms.

Bus 430. Marketing Research and Administration
An analytic approach to the performance of marketing management. The elements of the marketing mix as the focus in decision-making are studied, employing the case method of instruction. An examination of the marketing research process and its role in aiding decision-making is undertaken. Prerequisite: Bus'230. Three units. Mr. Kirms.

Bus 431. International Marketing
A study and an analysis of the marketing process in today's multinational corporation environment. Differences between domestic and international marketing will be stressed. Current international business topics will be considered. Prerequisite: Bus 230. Three units. Mr. Kirms.

Bus 446. Property and Liability Insurance
A study of the role of risk and insurance as it affects the modern business organization. Topics include: Fire, Automobile, Crime, Workman's Compensation and other types of insurance. Prerequisite: Bus 345. Mr. Kirms.

Bus 490. Practicum
An independently conceived and executed field project of the student's selection in the real business world. Offered during the summer only. Prerequisites: Junior standing and other departmental requirements. Three to six units.

Bus 499. Selected Topics
The course content will depend upon opportunities for guest or visiting lecturers to conduct studies in advanced level of undergraduate management or a special course offering based on student demand. Prerequisite: Consent of instructor. Three units.

Requirements for Major in Economics

Core Requirements (Details, including alternative courses, are given on page 11)
the relation of business to the banking system; commercial banking, financial intermediaries and the development of the Federal Reserve System. The problems of money, money supply and the relationship of monetary policy to economic activity are reviewed in terms of existing theory. Prerequisite: Eco 201. Three units. Mr. Mitchell.

301. Intermediate Economics — macro
A more comprehensive exposition of the neo-Keynesian analysis explaining the determination of income, employment, prices, and the interest rate. Emphasis is placed upon the interaction of aggregate demand, as determined by consumption, investment, money and the government budget, with aggregate supply. Prerequisite: Eco 201. Three units. Mr. Mitchell.

302. Intermediate Economics — micro
An advanced analysis of supply and demand as related to competition and monopoly; application of economic theory to product pricing and resource pricing. An in-depth study of consumer demand, production cost, and output is undertaken. Prerequisite: Eco 202. Three units. Mr. Mitchell.

310. History of Economic Thought
The development of economic thought and doctrine from the beginning of mercantilism to the present. The course emphasizes the interrelationships among various schools of thought as well as their differences. It traces the continuity of economic thinking between the older ideas and modern concepts. Prerequisite: Consent of the instructor. Three units. Mr. Mitchell.

400. Economics Policy Seminar
A course designed to integrate the concepts, principles and relationships dealt with separately in earlier studies. The focus will be on the student's development of a specific topic and dealing with the intricate issues and conflicting alternatives involved in formulating economic policy. Prerequisites: Eco 201-202, 301-302, 300, 310. Three units. Mr. Mitchell.

402. Urban Problems
The economics of urban areas including analysis of their growth and development as well as intraburban location patterns. Economic analysis at an advanced level of urban social problems. Prerequisites: Eco 201-202, 301-302, 300. Three units. Mr. Mitchell.

499. Selected Topics
The course content will depend upon opportunities for guest or visiting Lecturers to conduct studies in advanced level of undergraduate economics; course offering of economic topics based on student demand. Prerequisite: Consent of instructor. Three units. Mr. Mitchell.

Art

Art Department Goals (page 15)
These have been revised as follows:
To increase students' understanding and appreciation of art and to encourage students in their development of artistic skills in a variety of media. Achieving such understanding and skills is important to the pursuit within the Christian community of an art reflective of our commitment to Christ. In art, as in all human endeavors, Christ must be preeminent.
Biblical Studies

Courses in Biblical and Theological Studies (page 17)

Biblical Studies 100: Introduction to Christian Living in Society had been added: A study of the Biblical principles of one's relationship to God, both personal and corporate, and one's relationship to his neighbor, both in society and in marriage. Taught at the Walker County Correctional Institution and open to both Covenant College students and Christian inmates of the correctional institution (see Off-Campus Studies, page 13). One unit. Mr. Krabbendam.

Biology

Requirements for Georgia Secondary School Science Certification (Grades 7-12) (page 19)

These have been revised as follows:
Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education
ID 31. Foundations of Modern Culture ................................. 4
Bib 111, 113 or 129. Old Testament ................................. 3
Bib 142 or 148. New Testament ....................................... 3
Bib 277-278. Christian Doctrine ..................................... 6
Eng 11-12. English Composition ..................................... 4
Language sequence ..................................................... 6
ID 36. Perspectives on the Arts ....................................... 1
Art 111. Introduction to Art or Eng 112. Introduction to Literature or Eng 366. Literature for Children ................................. 3
ID 91. Philosophy of Culture ......................................... 3
ID 92. Senior Integration Project .................................... 2
Phy 131-132. General Physics ....................................... 8
Psy 251. Elementary Statistical Methods ............................ 4
His 102. Trans-Atlantic Civilization ................................ 4
Social Science (Psy 100 is recommended) .......................... 4
Psy 303. Principles of Human Development ........................ 4
PE 51-52. Health and Physical Education ............................ 2
PE 55. First Aid and Personal Safety ................................ 1

Teaching Field
Bio 111-112. General Biology ........................................ 8
Biology electives ...................................................... 12
*Math 142. Pre-calculus Mathematics ................................ 3
Che 121-122. General Chemistry ..................................... 8
*Che 323-324. Organic Chemistry .................................... 8
*recommended

Professional Education
Edu 211. Curriculum Materials ...................................... 3
Edu 221. Introduction to Education ................................... 4
Edu 222. Educational Psychology ..................................... 3
Edu 361. Education of Exceptional Children ........................ 3
Edu 424. Teaching Practicum .......................................... 10
Edu 430. Curriculum Integration Workshop ......................... 3

Courses in Biology (pages 19-20)
Biology 219 (319): Nutrition has been added: The course includes a study of the various types of nutrients, how they are digested, absorbed, and metabolized and how they function. Guidelines are given for amounts of the various nutrients needed to maintain good health and proper weight, and students are provided some experience in analyzing their own diets. Particular nutritional requirements for various groups in the population are studied. Laws regulating ingredients are examined. Extra work required for upper-division credit. Prerequisites: chemistry and biology, preferably college level, or permission of the instructor. One of these could be taken concurrently with the nutrition course. Three units. Mr. Lothers.

Chemistry

Requirements for Georgia Secondary School Science Certification (Grades 7-12) (page 23)

These have been revised as follows:
Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education
ID 31. Foundations of Modern Culture ................................. 4
Bib 111, 113 or 129. Old Testament ................................. 3
Bib 142 or 148. New Testament ....................................... 3
Bib 277-278. Christian Doctrine ..................................... 6

Bio 218. Ecology ...................................................... 4
Bio 313. Genetics ...................................................... 4
Biology electives ...................................................... 12
*Math 142. Pre-calculus Mathematics ................................ 3
Che 121-122. General Chemistry ..................................... 8
*Che 323-324. Organic Chemistry .................................... 8
*recommended

Eng 11-12. English Composition ..................................... 4
Language sequence ..................................................... 6
ID 36. Perspectives on the Arts ....................................... 1
Art 111. Introduction to Art or Eng 112. Introduction to Literature or Eng 366. Literature for Children ................................. 3
ID 91. Philosophy of Culture ......................................... 3
ID 92. Senior Integration Project .................................... 2
Phy 131-132. General Physics ....................................... 8
Psy 251. Elementary Statistical Methods ............................ 4
His 102. Trans-Atlantic Civilization ................................ 4
Mat 145. Calculus With Analytic Geometry I ...................... 4
His 102. Trans-Atlantic Civilization ................................ 4
Education

Requirements for Non-Teaching Minor in Education (page 25)

These have been revised as follows:

Edu 221. Introduction to Education ............................................. 4
Edu 222. Educational Psychology .................................................. 3

Education electives ............................................................................. 5

Requirements for Associate of Arts Degree in Early Childhood Education (Ages 3-5)

This two-year program is intended to qualify individuals for teaching in pre-kindergarten nursery schools. Such a program responds to a growing need to provide Christian teachers and directors for early education centers. The Associate of Arts Early Childhood program will enable prospective teachers to learn about the issues of teaching young children within a Christian framework.

Core Requirements

ID 31. Foundations of Modern Culture ............................................. 4
Biblical Studies .................................................................................. 6
His 102. Trans-Atlantic Civilization ............................................... 4
Eng 11-12. English Composition ....................................................... 4

Professional Education

Social Science (Psy 100 is recommended) ........................................ 4
Psy 303. Principles of Human Development ....................................... 4
PE 51-52. Health and Physical Education ......................................... 2
PE 55. First Aid and Personal Safety ................................................ 1

Teaching Field

Che 121-122. General Chemistry .................................................... 8
Che 323-324. Organic Chemistry ...................................................... 8
Che 325-326. Analytical Chemistry .................................................. 8
Che 425-426. Physical Chemistry ..................................................... 8
Bio 111-112. General Biology ........................................................ 8
Psy 251. Elementary Statistical Methods ........................................... 4
Mat 146, 247. Calculus With Analytic Geometry, II, III ................... 8

Courses in Chemistry (pages 23-24)

Chemistry 400: Independent Study has been added: Independent study in chemistry may be pursued by qualified students in accordance with established guidelines. See page 13 of this catalog. May include laboratory research. Two to four units.

Laboratory Science ................................................................. 4
Social Science (Psy 100 recommended) ........................................... 4
PE 51 or 52. Health and Physical Education .................................... 1
PE 55. First Aid and Personal Safety ............................................... 1

Area of Concentration ("E" designates early grades level)

Edu 211. Curriculum Materials ....................................................... 3
Edu 221. Introduction to Education ................................................ 4
Edu 222. Educational Psychology ................................................... 3
Edu 326-E. Fundamentals of Reading .............................................. 3
Curriculum and Methods I

Edu 335-E. Physical Education in the Elementary School ............... 2
Edu 352-E. Music in the Elementary School .................................... 2
Edu 394-E. Art for Children .............................................................. 2

Curriculum and Methods II

Edu 323-E. Teaching Language Arts in the Elementary School ....... 3
Edu 366-E. Literature for Children ................................................... 3
Edu 226. Teaching the Young Child ................................................ 3
Soc 341. The Family (or approved social science course) ................. 3
Edu 227. Practicum ....................................................................... 5

English

Requirements for Georgia Secondary School Certification (Grades 7-12) (page 26)

These have been revised as follows:

Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education

ID 31. Foundations of Modern Culture ............................................. 4
Bib 111, 113 or 129. Old Testament ................................................. 3
Bib 142 or 148. New Testament ....................................................... 3
Bib 277-278. Christian Doctrine .................................................... 6

Eng 11-12. English Composition ...................................................... 4
Language sequence ........................................................................... 6
ID 36. Perspectives on the Arts ......................................................... 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music ...................................................... 3
ID 91. Philosophy of Culture .......................................................... 3
ID 92. Senior Integration Project ...................................................... 2
Laboratory Science sequence .......................................................... 8
Mathematics (Logic does not meet requirement) ............................. 4
His 102. Trans-Atlantic Civilization ............................................... 4
Social Science (Psy 100 is recommended) ....................................... 4
Psy 303. Principles of Human Development ..................................... 3
Historical Studies

Requirements for Major in Historical Studies (page 30)

History students who receive a grade of B or better on a research paper written for His 301 may be excused from ID 92. One year of a foreign language is required of history majors.

Requirements for Minor in Historical Studies (page 31)

These have been revised as follows:
His 212. History of the United States ........... 3
His 300. Historiography .............................. 3
His 307. Europe Since 1789 .......................... 3
History electives (3 units must be upper division) .......... 6

Requirements for Georgia Secondary School Certification (Grades 7-12) (page 31)

These have been revised as follows:
Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education
ID 31. Foundations of Modern Culture .................. 4
Bib 111, 113 or 129. Old Testament ................... 3
Bib 142 or 148. New Testament .......................... 3
Bib 277-278. Christian Doctrine ..................... 6
Eng 11-12. English Composition ...................... 4
Foreign Language (Language option courses do not apply) .................. 6-8
ID 36. Perspectives on the Arts ......................... 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children ....................... 3
ID 91. Philosophy of Culture ........................... 3
ID 92. Senior Integration Project ........................ 2
Laboratory Science sequence ............................ 8
Mathematics (Logic does not meet requirement) ................ 4
His 102. Trans-Atlantic Civilization .................... 4
Social Science (Psy 100 is recommended) .................. 4

Elective
Psy 303. Principles of Human Development ................ 4
PE 51-52. Health and Physical Education ................ 2
PE 55. First Aid and Personal Safety ...................... 1

*History majors who receive a grade of B or better on a research paper written for His 301 may be excused from ID 92.

Teaching Field

History courses (including work in ancient, medieval, modern, United States, Georgia, historiography and historical research) .................. 27
Economics, Geography, or Political Science .................. 3

Professional Education
Edu 211. Curriculum Materials ........................... 3
Edu 221. Introduction to Education ....................... 4
Edu 222. Educational Psychology ......................... 3
Edu 361. Education of Exceptional Children .............. 3
Edu 424. Teaching Practicum ................................ 10
Edu 430. Curriculum Integration Workshop .................. 3

Elective

Courses in Historical Studies (pages 31-32)

The following courses are now offered for four units of credit: 204, 211, 212, 314, 315, 316, 318, and 321 (221).

His 205: Studies in the American Political Process: Presidential Elections has been added: A study in the procedure of electing a president. The course will cover the history and development of the electoral process with attention given to contemporary practices of primaries, image building, campaign financing, campaign issues, national conventions, electorate analysis, and a post-election day analysis and evaluation of the outcome of the presidential election. Two units. Mr. Austin.

His 211, 212 has been revised to include the history of Georgia. 213: History of Georgia will be offered only as a correspondence course.

His 314 has the new title American Revolution and Early Republic, and provides a detailed analysis of the period from 1763 to 1800. Attention will be given to the political and military events leading up to and including the Revolutionary War, the Articles of Confederation.
tion, the Constitution, and the Federalist era.

His 315: Nineteenth Century America has been added: A detailed survey of the century in which America was transformed from an infant republic to a world power. Attention will be given to political, economic, and geographical development, the coming of the Civil War, and the post-war changes. Four units. Mr. Austin.

Recent American History has been renumbered His 316.
U. S. Constitutional History has been renumbered His 318.
His 319 and 411, 412 are no longer offered.

**Interdisciplinary Studies**

**Specific Requirements in Education (page 33)**

These have been revised as follows:

- Edu 221. Introduction to Education ..................4
- Edu 222. Educational Psychology ....................3
- Curriculum and Methods courses ..................6
- Education electives ................................5

**Specific Requirements in English (page 33)**

These have been revised as follows:

- Eng 201. Introduction to Literary Studies ............3
- Eng 418. Shakespeare ..................................4
- English electives ....................................7 or 9

**Specific Requirements in Historical Studies (page 33)**

These have been revised as follows:

- His 212. U. S. History Since 1865 ..................3
- His 300. Historiography .............................3
- His 307. Europe Since 1789 .........................3
- Historical Studies electives (at least 6 upper division) ..................9
- Historical Studies electives (at least 3 upper division) ..................6

**Courses in Interdisciplinary Studies (page 34)**

ID 291 (391): Energy has been added: An interdisciplinary study of energy-related concepts, units of measurement technologies, rates of consumption, costs, pricing, distribution, and future outlooks. Comparisons will be made among various sources of energy (for example, oil, natural gas, coal and lignite, shale oil, nuclear, solar, geothermal, wood, petroleum, wind, and water). Attention will be given to production, conservation, anticipated changes in life-style, and such basic ideological considerations as the implications of the cultural mandate, Christian stewardship, and questions of government vs. private ownership and business operations. Extra work will be required for upper-division credit. Three units. Mr. Barnes and staff.

**Mathematics**

**Courses in Mathematics (page 35)**

Mat 141-142: Pre-calculus Mathematics is now offered for eight units of credit.

Mat 251: Elementary Statistical Methods may now be taken only if at least one of the following prerequisites has been met: the student has passed Mat 22: Fundamentals of Mathematics or has earned a C or better in a higher level mathematics course; the student has tested out of the mathematics core requirement (see page 11, "Analysis"); or the student has qualified for and is taking a mathematics course of higher level than Mat 22: Fundamentals of Mathematics.

Mat 401-402: Advanced Topics in Mathematics has been added: Topics are considered in Modern Algebra, Modern Geometry, Mathematical Statistics, and Advanced Calculus, depending on student demand. Four units per semester. Mr. Keister.

Mat 341-342 and 345-346 are no longer offered.

**Music**

**Requirements for Major in Music Education, B.Mus. Degree and for Georgia Certification in Music, Grades K-12**

These have been revised as follows:

This program provides training for prospective choral and instrumental teachers at both the elementary and secondary levels, along with proficiency in various areas of applied music. In addition, a broad core curriculum is included.

*Students interested in certification should consult with the chairman of the Teacher Education Program.

**General Education**

ID 31. Foundations of Modern Culture ..................4

**Supplement is continued on page ix at back of catalog.**
Calendar for 1980-1981

Fall Semester 1980
August 18  Soccer Camp begins
August 21-22  Faculty/Staff Fall Conference
August 23  Freshman students arrive
August 23-28  Academic counseling and orientation
August 25  Transfer students arrive
August 25  Placement examinations (1:00 p.m.)
August 27-28  Registration
August 29  Opening Convocation
August 29  First day of classes
September 12  Last day to add a course or to change to or from Pass/Fail
October 3-4  Homecoming
October 16-20  Fall recess
October 20  Mid-semester marks due
October 21  Classes resume
October 31  Last day to drop a course or change to audit
November 12  Day of Prayer
November 27  Thanksgiving recess
December 12  Last day of classes
December 13-18  Final examinations

Spring Semester 1981
January 7  Registration
January 8  First day of classes
January 22  Last day to add a course or to change to or from Pass/Fail
February 25  Day of Prayer
March 2  Mid-semester marks due
March 7-16  Spring recess
March 17  Classes resume
March 20  Last day to drop a course or change to audit
March 28  Undergraduate Program exams for seniors
May 1  Last day of classes
May 4-8  Final examinations
May 9  Commencement

Summer Session 1981
May 11  First day of classes
May 29  Last day of classes

CALENDAR FOR 1980

CALENDAR FOR 1981
Statement of Purpose

Covenant College is a Christian institution of higher education, emphasizing liberal arts, operated by a board of trustees elected by the General Synod of the Reformed Presbyterian Church, Evangelical Synod.

The college is committed to the Bible as the Word of God written, and accepts as its most adequate and comprehensive interpretation the summary contained in the Westminster Confession of Faith and Catechisms. We acknowledge Christ pre-eminent as the creator of all things, as the redeemer of men fallen into sin, as the touchstone of all truth and as the sovereign ruler over all areas of life.

The purpose of Covenant College is stated in its motto—"That in all things Christ might have the pre-eminence." (Colossians 1:18) To serve this end we seek to appropriate the mind of Christ so that we might characterize and respond to reality in accordance with Biblical teachings. In attempting to make a Biblically grounded frame of reference explicit and operative, we are dedicated to excellence in academic inquiry, and we desire to define all areas of the college’s structure and program according to this understanding and purpose.

With these commitments in mind we seek to work together as a college community, responsibly striving, corporately and personally, to accomplish these general aims in every area of life:

(1) to see creation as the handiwork of God and to study it with wonder and respect;
(2) to acknowledge the fallen nature of ourselves and of the rest of creation and to respond, in view of the renewal which begins with Christ’s redemption, by seeking to bring every thought and act into obedience to Him;
(3) to reclaim the creation for God and redirect it to the service of God and man, receiving the many valuable insights into the structure of reality provided by the good hand of God through men of learning in every age, and seeking to interpret and re-form such insights according to the Scriptures;
(4) to think as Christians about culture and endeavor to make it reflect our commitment to Christ in order to glorify God and promote the true advancement of men.

As an educational institution Covenant College specifically directs its efforts toward the students who enroll. This is done in the following ways:

A. Students in on-campus programs are expected to become active participants in the general tasks outlined above. It is the college’s purpose to help these students make significant progress toward maturity in the following areas:

(1) Identity in Christ. A Christian student is a person who is united with Christ and committed to Him. This union and commitment should lead to an understanding both of one’s sin and of one’s significance as a person redeemed by Christ, resulting in a growing awareness of purpose.
(2) Christian frame of reference. A Christian student should be acquiring the ability to orient his whole life by a perspective based on Biblical revelation. For realization of this goal the following are important:
   (a) Scriptural knowledge. A Christian student should be acquiring a working knowledge of the Scriptures, rejoicing in their promises and allowing them to direct his thoughts and actions in every area of his life.
   (b) Academic inquiry. A Christian student should be acquiring a broad appreciation of the various aspects of creation, becoming familiar with valid methods of inquiry into each area of study. He should be acquiring some depth in one or two academic disciplines.
   (c) Analytical skills. A Christian student should be acquiring the capacity for incisive, critical and logical thinking.
   (d) Communication skills. A Christian student should be acquiring the ability to communicate ideas clearly in both speaking and writing.

(3) Service which is Christian.
   (a) A Christian student should be assuming his responsibilities within a local congregation as well as in the community of all believers. This implies that he should demonstrate a positive influence on others while at the same time accepting their loving concern for him.
   (b) A Christian student should be assuming responsibilities in society as a servant of God. This involves his total life-calling to fulfill his covenantal responsibilities as succinctly summarized in Genesis 1:28 and Matthew 28:18-20, including not only his specific vocation, but all other activities as well.

B. Covenant College considers that it has a responsibility to contribute to the intellectual, moral and spiritual development of persons who may not be able to become involved in on-campus degree programs. Furthermore, the college has a responsibility to provide certain educational services to the surrounding geographical community. It may, therefore, engage in certain continuing education and extension programs. Faculty in such programs are expected to teach on the basis of the college’s commitment even though students may not be able to participate fully in the general tasks outlined in an earlier part of this statement.
Covenant College is a Christian, liberal arts college affiliated with the Reformed Presbyterian Church, Evangelical Synod, and committed to Jesus Christ and His Kingdom. Covenant seeks to help its students understand more fully the Scriptural implications of Christ's pre-eminence as they study the natural creation, cultivate the arts and produce sound societal relationships in business, home, school and state. To accomplish these ends, Covenant bases its academic program on the Bible, the written Word of God.

Covenant College is in compliance with Title VI of the Civil Rights Act of 1964. It does not discriminate in admissions, financial aid, or access to, or employment in programs and activities on the basis of race, color, national origin, handicap or sex.

Accreditation
Covenant College is accredited by the Southern Association of Colleges and Schools.

Academic Program
The college, which has a two semester academic year and a summer program, awards Associate of Arts, Bachelor of Arts and Bachelor of Music degrees with 18 liberal arts majors and several pre-professional programs.

Off-campus Study
Covenant students have the opportunity to get part of their education in interesting off-campus study projects. They can receive credit for study at L'Abri Fellowship, the Study Abroad Program of Christian Colleges, the American Institute of Holy Land Studies or for summer overseas mission work with World Presbyterian Missions.

Campus
The college was founded in 1955 and established in 1964 on Lookout Mountain in the northwest corner of Georgia, overlooking the city of Chattanooga, Tennessee.

Anna E. Kresge Library
The library collection, including approximately 93,000 items, is housed in the Anna E. Kresge Library near the center of the campus. The building features a language laboratory, a center for curricular materials, an audio-visual center and individualized study carrels throughout the stack areas. Included in the library are the beginnings of the large Stanley S. and Dorothy McVittie Kresge Collection for Christian Learning, a gathering of books and other resources chosen specifically for their ability to help students integrate their own courses of study with their Christian commitment. Also included is the T. Stanley Soltau collection of books in Bible and missions.

Carter Hall
The administration offices, many classrooms, dining hall, book store and snack bar are all located here.

Residence Halls
Students are housed in two buildings on campus: Carter Hall and a men's residence hall.

Dora Maclellan Brown Memorial Chapel/Fine Arts Building
This recently constructed facility provides an 800-seat auditorium, in addition to a smaller recital hall on one of the lower levels. A drama workroom and several faculty offices are also on the lower levels.

Other Facilities
The modern physical education center contains the college gymnasiaum, classrooms, recreation rooms and a weight room. Tennis courts are available on campus. The college's large athletic field for soccer and baseball is near the campus, and the swimming pool is adjacent to Carter Hall. Other campus buildings include the art workshop/psychology lab and the music building.

Covenant manages the nearby Lookout Mountain recreation center, and the facilities there are available for student use. The chalet-style, natural stone building contains a snack bar, pool tables, electronic games, shuffleboard areas, study areas, conference rooms and a TV room with a large fireplace.

Costs
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. Over three-fourths of the student body receive financial aid—either in scholarships, grants, loans or work study. While not all qualify, students who are eligible receive an average of $3000.00 per year toward the cost of their education. (See page 6 for more information on financial aid.)

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 at registration to cover the expenses of the semester. Students may obtain the funds from their own sources or they may participate in the Student Billing Program administered by the Master Charge Department of the American National Bank and Trust Company of Chattanooga, TN.

Students using the Student Billing Program must pay at least the minimum payment for each billing. Students having an open account from a previous semester will not be permitted to register.

The office of Admissions and Records will not issue transcripts of academic credit for students with unpaid accounts or past due payments on National Direct Student Loans.

Fees and Expenses for 1980-1981

General
Application fee (payable only once) ............... $ 15.00
Orientation fee, for all new students .......... 10.00
Tuition per semester (12-18 units) ........... 1690.00
Tuition for students taking less than 12 units, per unit .................. 141.00
Tuition for units in excess of 18, per unit .... 95.00
Student Activity fee, per semester ......... 35.00

Residence
Dormitory equipment fee (payable only once) .... 15.00
Key deposit .................................................. 5.00
Board, per semester (includes linens) ....... 575.00
Room, per semester (includes linens) ....... 310.00
4/room .................................................. 310.00
3/room .................................................. 310.00
2/room .................................................. 370.00
1/room .................................................. 400.00
Special
Room deposit (refundable) ....................... 35.00
Advance deposit on fees (not refundable) .... 65.00
Late registration ......................................... 15.00
Change in courses .................................... 10.00
Late placement tests, each ......................... 10.00
Examinations at unscheduled hours ............ 5.00
Transcripts, after first, each ....................... 2.00
Graduation fee (includes Undergraduate) .... 25.00
Program examination fee ......................... 25.00
Transportation to and from terminals . . . . . . . . . . . . to be announced
Chorale fee, per year................................. 3.00
Auditing fee, per unit ......................... 1.00
Health Insurance fee, per semester ............... 20.00
Course fees in science, physical education,
   psychology, education and art (see
course descriptions) .................................
Music
Fees for private instruction per semester For full-time students:
   One half-hour lesson weekly ................... 50.00
   Two half-hour lessons weekly ................. 100.00
   (Additional charge may be necessary for
   instruction taken off campus.)
To determine a total budget for the semester, a student may add the following estimated expenses to tuition, fees, room and board:
Books and supplies ...................................... 100.00
Transportation ........................................... 125.00
Personal.................................................. 150.00
Board and Room
All junior, sophomore, and freshman students, unless twenty-one years of age or older, must live in the residence halls unless specifically excused by the Dean of Students. Seniors and students 21 years of age and older are eligible to live off campus dependent on the full capacity of the college residence halls.

    Meals are served beginning on registration day through final examinations, with the exception of the fall 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 programs begin.

    Students engaged in Education 422/424: Teaching Practicum follow the calendar of the school to which they are assigned for their student teaching and therefore, if they reside in the dormitories, are permitted to remain during the college recesses for no extra room charges. They will provide their own meals.

    Linen service, including two single bed sheets, a pillowcase and two towels, will be provided for students on a weekly basis.

Admissions

A student is admitted to Covenant College by certificate from his secondary school, by transfer, or by examination in special cases. The admissions committee seeks to attract students who give evidence of those 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. Applicants are asked to offer a credible profession of faith in Jesus Christ as Savior and Lord. Those who have not themselves made a profession of faith in Christ but who are children of a believing parent or parents will also be considered for admission.

Covenant College is accredited by the Southern Association of Colleges and Schools. The college was approved for nonimmigrant students on September 23, 1956, by the District Director of the Immigration and Naturalization Service. Covenant is also approved for the training of ex-service personnel under public laws, and the college meets the criteria established by the United States Office of Education for listing in its higher education directory. The teacher education programs of Covenant College are approved by the State of Georgia Department of Education.

Application for Admission
To apply, students should obtain an application from the Admissions Counseling office and return the completed application form with a $15 application fee. An official transcript from the student's high school and any post-secondary school should be sent to: Admissions Counseling, Covenant College, Lookout Mountain, Tennessee 37350.

Scores from either the Scholastic Aptitude Test (SAT) or the American College Test (ACT) should also be sent. Covenant's code number is 6124 for the SAT and 3951 for the ACT.

Once all necessary information has been received, the application will be acted upon. To confirm acceptance to the college, the student should send a $100 deposit ($65 non-refundable) to be applied toward tuition and room for the first semester at Covenant.

Each student must also submit 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>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Mathematics (algebra, trigonometry, geometry)</td>
<td>2</td>
</tr>
<tr>
<td>One foreign language</td>
<td>2</td>
</tr>
</tbody>
</table>
History and social studies ........................................2
Natural science .....................................................2
Electives ............................................................3 or 4
Candidates for admission should present marks of A, B or C in secondary school subjects and a combined score of 800 or higher in the SAT examinations.

Since the primary concern is evidence that a student is prepared to carry on college work, the Admissions Committee is willing to consider the applications of students whose preparation may vary from the usual pattern. For instance, students may be admitted if they have equivalent education representing a normal four-year course of study, provided they present above average marks and national test scores.

Applicants who attain a satisfactory score on the General Education Development Tests may also be admitted.

Advanced Placement

Testing Program

During the orientation period in the fall, all entering freshmen who wish to bypass core courses in English, mathematics, Bible or foreign language must take Covenant’s placement tests.

Educational Testing Service

Students enrolled in the Educational Testing Service’s college-level Advanced Placement Program courses in secondary schools will be given credit for courses in which they earn scores of 4 or 5 on the Advanced Placement Examinations, and may bypass courses in which they earn a score of 3.

College Level Examination Program

A maximum of 30 units of credit may be earned in the College Level Examination Program (CLEP) sponsored by the College Entrance Examination Board. Credit will be given for general examinations on which a score of 560 is required; courses may be bypassed with scores of 500 (or 600 in English Composition). Credit may be earned in CLEP’s Subject Examinations for which parallel courses are offered at Covenant College. Qualifying scores range from 45 to 51 depending on the particular examination. Credit in the same area of study will not be given for both the general and the subject examinations.

Further information about CLEP examinations approved for credit and minimum scores required may be obtained from the Office of Admissions and Records. Such credits are placed on the student’s Covenant College record after he has successfully completed 12 units of credit at the college. Credit by examination will not be given for courses for which the student has already earned college credit.

Admission of Transfer Students

Students with satisfactory records from other colleges or educational institutions of approved standing will, providing the courses have been completed with a cumulative grade-point average of 2.0 on a 4.0 scale, ordinarily be granted transfer credit. Students accepted from non-accredited schools will initially be given conditional credit; full credit will be given after the student has demonstrated ability to do satisfactory work at Covenant College. The Admissions Committee will also consider admitting a few transfer students each year who are on current academic probation or suspension in other institutions, provided there is ample evidence that a second academic opportunity is warranted.

Transfer students may, with the consent of department heads, be excused from certain required courses for which they have had equivalent general subject matter. No more than nine units of credit will be granted for courses taken by correspondence from other schools.

No student admitted from another institution will be eligible for graduation from Covenant College until he has completed a minimum of 30 academic units (not including summer sessions) in this institution.

Special Students

The college will on a limited basis 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. The Admissions Committee may also admit as special students for a single semester, persons who have appealed their academic suspension status and desire one more opportunity to demonstrate their ability to do college work. Special students will not receive college credit unless their status is changed to regular standing. 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 may audit courses in the regular fall and spring semesters without tuition charge. All permissions and registrations for auditing courses shall be filed in the Registrar’s Office.

Payment of College Charges

Inasmuch as a student’s account cannot be estimated exactly in advance of registration day, it is required that the amount of tuition, room and board be paid at registration. This amount is approximately $2075.00. If the student is not able to pay the full amount at registration time, he must plan to participate in the Student Billing Program administered by the Master Charge Department of the American National Bank and Trust Company of Chattanooga. Under this program he has 25 days in which to pay this bill without incurring a carrying charge. After that, interest charges are determined at the rate of 1 1/2% per month on the unpaid balance. The billing will be on the basis of three equal payments.

Students with outstanding accounts at the end of the semester will not receive grades or transcripts for their academic work and will not be allowed to register for additional studies.

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 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 semester. 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.
Financial Aid

Inquiries concerning financial aid should be addressed to the Director of Student Financial Aid. Application for financial assistance must include a Covenant College Student Financial Aid Data Sheet and a Financial Aid Form (FAF). These forms are sent to all prospective students when their application for admission to the college is received. The FAF is filed with the College Scholarship Service, Box 2700, Princeton, NJ 08541 or Box 380, Berkeley, CA 94701. The Covenant College code number is 6124.

Inasmuch as information for the forms is based on family income of the preceding calendar year, the required forms should not be filed until after January 1. Applications received by March 31 will be given first consideration.

Covenant College participates in the following financial aid programs:

1. Aid Directly Administered by Covenant College from Non-government Sources.
   1. Academic Scholarships
      These awards are based on academic achievement and are renewable if the student maintains the prescribed grade point average.
   2. Athletic Grants
      These awards are based on athletic ability in the intercollegiate sports in which Covenant participates. The Director of Athletics should be contacted by students interested in these grants.
   3. Music Awards
      Music awards are given to students in music upon recommendation of the Music Department. Recipients of these awards must be outstanding performers or show unusual performance potential. Interested students should contact the Chairman of the Music Department. Students who are unable to come to the campus for an audition may be requested to send a tape recording.
      In addition to the above awards, four annual music grants of $200 each are given to students who show serious and active involvement in the playing of an orchestral instrument and who demonstrate a strong desire for quality performance. The grants are given equal consideration throughout the woodwind, brass, string, and percussion sections.
   4. Reformed Presbyterian Ministerial Grants
      Partial tuition grants are awarded to dependent children of ordained Reformed Presbyterian ministers engaged in the full-time pastorate, Christian service, board appointed mission work or retired from the same.
   5. The Jim Luikart Art Award has been established by Mr. and Mrs. Max Luikart for a student in the art program with demonstrated financial need. The scholarship recipient must be recommended by the Chairman of the Art Department.
   6. The Barrows Endowment Fund, established by Mr. and Mrs. Fred C. Barrows of Lookout Mountain, provides tuition assistance for a freshman student from Georgia, Alabama or Tennessee.
   7. The Donald Andrew Mouritzen Memorial Athletic Award has been established by the family of Donald Andrew Mouritzen, a Covenant student in 1964-65 who entered the armed services of the United States and was killed in action in Viet Nam in 1967. The annual $25.00 prize is awarded to an upper classman who has made a significant contribution to the athletic program of the college.

8. The Clara Belle Dinkle Memorial, established by Captain and Mrs. Martinus Uding in memory of Mrs. Uding’s aunt, is a loan fund 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.

9. The Daniel Ashley Jewell, Jr. Scholarship Fund, established by Mrs. Vera Jewell of Lookout Mountain in honor of her husband who pioneered as a businessman in the textile industry of North Georgia, has been designated to provide scholarship assistance primarily to students majoring in the field of Business Administration and Economics. The scholarship recipient must be recommended by the Chairman of the Department of Business Administration. Applications are available from the Director of Student Financial Aid.

10. The Mina Grundish Simpson Scholarship Fund has been established by her husband, H. C. Simpson, to provide financial assistance to students whose major is music or a pre-seminary education. Application for these grants or loans must be made by requesting an application from the Director of Student Financial Aid. Academic proficiency, talent, and financial need are specifically considered. The awards are made by recommendation of the academic department head through the Director of Student Financial Aid.

11. Editors of Bagpipe and Tartan and Student Senate President are awarded partial tuition grants.

II. Federally Funded Programs administered by Covenant College

1. National Direct Student Loans (NDSL)
   These are low interest loans repayable after the student leaves college.

2. Supplemental Educational Opportunity Grants (SEOG)
   These are direct grants which need not be repaid, designed for students in families with low incomes.

3. Basic Educational Opportunity Grants (BEOG)
   Application for these non-repayable grants is made by completing items 83 and 84 on the Financial Aid Form. The student will receive a Student Eligibility Report (SER) which must be sent to the Director of Student Financial Aid at Covenant in order for the grant to be awarded.

4. College Work Study Program
   This program provides work opportunities for deserving students. Students who meet the financial requirements will be assigned work in one of the departments of the college at a standard hourly rate of pay for a minimum of ten hours per week. A monthly check will be issued to the student after work hours are completed.

III. Financial Aid Available from Other Sources Outside Covenant College

1. Federally Insured, State Insured, and USAF Loans (Guaranteed Student Loans)
   This program enables students to borrow money directly from banks or state loan corporations. Applications are available from local banks or in some situations from the college. The maximum loan for an academic year is $2500 and the interest rate is 7%. Further information may be obtained from a local bank, Student Financial Aid Office, or from the appropriate Office of Higher Education.

2. Georgia Tuition Grant
   This is a state aid program providing a grant of $600.00 to all eligible students attending approved private colleges in Georgia. Eligibility requires that the student be a legal resi-
Compulsory Withdrawal

The college will normally adjust accounts on tuition and fees. The following policy will prevail:

- If the student leaves during the first two weeks, a refund of tuition and fees of 80%; during the third week, 60%; during the fourth week, 40%; during the fifth and sixth weeks, 20%; after the sixth week, no refunds. When a student has used Financial Aid resources, the same percentages will be used to determine the refund due to the Financial Aid source unless otherwise stipulated in the regulations of that program.

- Board refund will be prorated on days remaining in the semester. No refund is allowed on a late registration fee. Due to the nature of commitments concerning dormitory room availability, room charges are not refundable.

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 therefore 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 proportion 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 earn a substantial part of their college expenses. The college cannot guarantee off campus 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.

Insurance

All students not completing an insurance waiver card will be required to participate in the student medical insurance program sponsored by the college. Details on coverage and cost are available upon request from the Business Office.

All students desiring to participate in the college's intercollegiate athletic program must participate in the student medical insurance program.

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 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, permission 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 $15.00.

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 15 credit units per semester. Students will not be allowed to register for more than 19 units without special permission.
Those students whose class work 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. Students who carry 12 or more units are considered full-time students.

**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 expressed permission of the registrar. Students withdrawing from a course after the last day to drop a course (following distribution of mid-semester grade reports) will receive the mark WP if at the time of withdrawal their average mark in the course is passing, or the mark WF if their average mark is failing. No student will be allowed to change courses after the tenth day of classes 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 Dean of Students and process an official Withdrawal Clearance Form available in his office. For refunds see page 7.

**Privacy Rights of Students**

**Notice to Students**
The Family Educational Rights and Privacy Act of 1974, with which the college intends to comply fully, was designated to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the college to comply with the Act.

The college’s Institutional Policy Concerning Privacy Rights of Students explains in detail the procedures to be used by the college for compliance with the provisions of the Act. Copies of the policy can be secured in the Office of Admissions and Records. This office also maintains a Directory of Records which lists all education records maintained on students by the college. Questions concerning the Family Education Rights and Privacy Act may be referred to the Office of Admissions and Records.

**Notice Designating Directory Information**
Covenant College designates the following categories of student information as public or “Directory Information.” Such information may be disclosed by the institution for any purpose, at its discretion.

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category I</td>
<td>Name, address, telephone number, dates of attendance, class.</td>
</tr>
<tr>
<td>Category II</td>
<td>Previous institution(s) attended, major field of study, awards, honors, degrees conferred (including dates).</td>
</tr>
<tr>
<td>Category III</td>
<td>Past and present participation in officially recognized sports and activities, physical factors (height, weight of athletes), date and place of birth.</td>
</tr>
</tbody>
</table>

Currently enrolled students may withhold disclosure of any category of information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, written notification must be received in the Office of Admissions and Records prior to September 1 each year. Forms requesting the withholding of “Directory Information” are available in the Office of Admissions and Records.

Covenant College assumes that failure on the part of any student to specifically request the withholding of categories of “Directory Information” indicates individual approval for disclosure.

**Student Development**

Anyone who becomes a Covenant College student does more than enter college. He joins a community where Christ is pre-eminent. We believe that a college education is more than classroom work, and our student organizations, chapel, practical work, residence hall life, athletics, standards of conduct and counseling programs are designed for the total development of the individual.

**Chapel**
Since we seek Christ’s pre-eminence in every aspect of our lives, we believe that worship should be an important part of college life. Students, faculty, and administration come together for praise, prayer, and meditation of God’s Word at a daily half-hour chapel program conducted by students, faculty, and guest speakers.

The church is vital in a Christian’s life, and Covenant encourages students to be actively involved in the church of their choice.

**Practical Work**
Christianity has established the dignity of labor, and the Reformed faith in particular emphasizes the duty of man to serve God in a variety of callings. At Covenant, every student is engaged in one to three hours of weekly practical work on the campus.

**Counseling and Placement**
Students desiring assistance in selecting majors and information concerning careers may find it helpful to receive counseling and testing from the Director of Counseling and Placement. Those special considerations of Christians seeking to be responsive to God’s will make this service something quite different from non-Christian oriented counseling, even though many of the same evaluation procedures (i.e. measurement of interest, ability, etc.) may be used.

Information files on careers, other colleges and training opportunities are available for use. Placement services are also available to assist graduating seniors and alumni in locating employment. Of particular interest to many stu-
udents is the Inter-Christo guide to opportunities for Christian service.

As you get to know our faculty and staff you will find many of them willing to reach out to you in love when you are experiencing difficulty. Thankfully make use of such people. The Director of Counseling is a good person to start with when you feel the need for any sort of help.

Appointments for counseling services may be made in the Student Development Office.

Student Organizations

The Student Association—The Student Association is made up of all students who pay the Student Activity Fee. Through its two components, the Student Senate and the Campus Activities Board, students have a significant role in setting policies and planning activities for their benefit.

The Student Senate—The Student Senate is composed of two senators from each class, a non-voting representative from the Campus Activities Board and two advisors, one from the faculty and one from the administration. It has standing committees to deal with the constitution, with research, and with particular matters concerning commuter students. It also selects the representatives to serve on college-wide planning commissions such as the Facilities Development Task Team, the Student Development Task Team, and the Curriculum Committee. The Student Senate also supervises the three student publications.

The Campus Activities Board—The Campus Activities Board is composed of six students, two administrators and three faculty members. Its chairman, secretary and treasurer are all elected by the Student Association. The chairman of the three committees which function under its direction— the Social Committee, the Cultural Affairs Committee, and the Spiritual Affairs Committee — all serve as members of the Campus Activities Board. Its purpose is to plan, coordinate, promote and encourage a wide variety of activities for the benefit of the entire Covenant College community.

The Social Committee—The Social Committee is in charge of college-wide social functions.

The Cultural Affairs Committee—The Cultural Affairs Committee provides both entertainment and culturally stimulating programs in such media as films, lectures, dramas, and music.

The Spiritual Affairs Committee—The Spiritual Affairs Committee presents and encourages means and opportunities for Christian service through the Christian Service Council, the Student Missions Fellowship and the Proto-Ministerial Club.


The Student Missions Inquiry—The Student Missions Inquiry seeks to promote interest in national and foreign missions among Covenant students. The fellowship has meetings as well as prayer groups representing different countries.

The Proto-Ministerial Club—The Proto-Ministerial Club is an association of students who plan to enter theological seminary upon graduation from college. It meets for informative sessions dealing with opportunities, fields of service, and challenges available to those interested in the ordained ministry of the Church.

In addition to the above named organizations, there are a variety of special interest groups of campus. Organizations currently functioning on campus include the following:

Cheerleaders—The cheerleaders function under the direction of the athletic department. Tryouts are held during the first two weeks of school and are open to all.

Drama Club—The Drama Club welcomes all students who seek opportunity for this form of expression in the arts. The club attempts to give at least two productions during the academic year.

Judo Club—The Judo Club is open to all students and promotes the sport of Judo, providing discipline of mind and body within the framework of Christian fellowship and understanding.

Music Club—The Music Club, open for membership for all students provides opportunity to share enjoyment in various kinds of music.

Publications—Publications produced by Covenant students include the campus newspaper, The Bagpipe; an annual literary magazine, The Thorn; and the annual, The Tartan.

Music Groups—The college choral represents the college locally and appears in one national tour each year. Membership is by audition.

The Madrigal Singers, whose membership is by audition, represent the college in special programs and take part in two annual programs.

The Oratorio Chorus is open to all members of the student body, faculty, staff, and community. It presents one concert each semester.

The Symphonette is open to the student body by audition and plays several concerts each year.

The Brass Choir—Membership is open to the student body by audition. The Choir plays various engagements throughout the year.

The Wind Symphony is open, by audition, to the entire college community. It presents one concert each semester.

Small groups, both vocal and instrumental, are organized under the direction of the Music Department.

Intercollegiate Athletics—The intercollegiate sports program at Covenant College includes soccer, cross-country, basketball, baseball and tennis for men. Women participate in volleyball, basketball and tennis.

Intramural Athletics—Intramural programs and a wide variety of sports are directed by the Student Development Office. All students, faculty, and staff are encouraged to participate in at least one sport each semester. Intramural sports may include tennis, flag football, basketball, volleyball, softball, table tennis, soccer, billiards, and racketball.

Residence Hall Living

Almost all Covenant students live on campus, either in Carter Hall or in the nearby Men's Residence Hall. Carter Hall is currently undergoing the first stages of a projected five million dollar renovation so that student rooms will be among the best available. Most rooms are for double occupancy and all rooms in Carter Hall have private baths.

Room assignments are made by the Director of Housing. Linen, keys, and room assignments are given to students when they arrive on campus. A $5.00 refundable key deposit is paid during registration. There will be a $5.00 charge for the replacement of a lost key.

Requests for room changes must be made through the
resident assistant living on the floor of the student making the request.

During fall recess, Christmas break, spring recess and summer vacation the residence hall rooms may be used for conferences since the room charge does not include these vacation periods. Students will be notified in every case and a place will be provided for the storage of valuables. Students are required to be out of the residence halls within 18 hours after the closing date of school as published in the catalog.

**Freshman Hours**—Freshman men and women will be in the residence halls after the following hours unless previous permission has been granted by the Director of Housing:

- Sunday through Thursday: 11:00 p.m.
- Friday and Saturday: 1:00 a.m.

**Signing Out**—All students must inform their R.A. if they plan to be out overnight, and all freshmen who plan to be away from the residence halls overnight must obtain special permission from the Director of Housing.

**Resident Assistants**—Because of their special concern and desire to serve their fellow students, 14 students have been chosen to be Resident Assistants. R.A.s will be available to be of assistance as needed to accommodate and supervise student development and control in the residence halls.

**Laundry Facilities**—Coin-operated washers and dryers for the use of all students are located in the service area of the residence halls.

**Linen Service**—Linens will be provided as part of the room fee. Every week, two sheets, two bath towels, and a pillow case will be available for each student to pick up. Days and time of linen pick-up will be posted.

Further details concerning housing policies and regulations may be found in the Student Handbook.

**Off-Campus Housing**
The Student Development Office will assist in locating off-campus housing for married students. All single students under 21 except seniors are required to live in the residence halls on campus. Students who are seniors or who are 21 years of age or older are eligible to live off campus dependent upon the full capacity of the college residence halls. Those students living off-campus must abide by the standards of conduct.

**Health Service**
Students are entitled to routine health and first aid care by the college health staff. A health and accident insurance policy is required of all students, or is optional for students providing proof prior to registration of other adequate coverage.

The college health facilities include a clinic and infirmaries. Emergency and infirmary nursing care is available 24 hours a day. General health problems and consultations are handled by the nurse during daily clinic hours. Medical care is arranged by appointment with private physicians in the Chattanooga area.

**Insurance**
Each student covered by the health and accident insurance policy will receive a brochure which discusses the details of the insurance benefits. Maternity coverage and coverage for dependents of students will be available at additional cost. This policy may be extended through the summer months if an additional premium is paid to the Accounting Office at the time of second semester registration.

**Standard of Conduct**
When it comes to meeting individual needs while working for the good of the community, all Christians are in a state of tension. For an institution to demand sacrifice of all personal needs for its own good is tyranny but when individuals refuse to accept any institutional roles, anarchy reigns.

Of course, neither tyranny nor anarchy can be part of a Christian community like Covenant, so the college searches constantly for Christ's solution to the tension.

The result of that search is Covenant's standards of conduct. After careful study of the Scriptures and our community, the college has developed a system of standards intended to meet Christ's expectations and maintain a balance between individual freedom and the good of the community.

**Biblical Directives.** Anything clearly spelled out in the moral law of God is binding on Christians everywhere, so the practices which the Bible says are morally wrong are unacceptable for the Covenant community. Among these activities are drunkenness, stealing, gossip, and slanderous talk, all types of dishonesty and sexual sins. Scripture also condemns certain attitudes such as bitterness, greed, pride, jealousy, and an unforgiving spirit. We all carry a responsibility to encourage, exhort, and when necessary, admonish one another in meekness concerning sins such as these.

**College Rules.** The college also has regulations which make the college community function more smoothly and act as a restraint on sin.

The college prohibits:
1. the possession or use of alcoholic beverages
2. the possession or use of tobacco
3. the non-medical use of narcotics, hallucinogenic drugs or marijuana
4. gambling
5. social dancing, with the exception of some forms of folk and classical dancing. Before an activity consisting of any of these forms of dance is scheduled, it must be approved by the Dean of Students who will also authorize supervision of the event.

**Areas of Personal Discretion.** Students are expected to exercise discretion and wisdom in several other areas such as the choice of television programs, movies, theater, music, literature, and other art forms; the choice of non-college organizations with which they associate; intimacy in dating relationships; and modesty and cleanliness in dress and appearance. The dean or disciplinary board will counsel or take disciplinary action when there is irresponsible behavior in these areas.

(For more information on Covenant's standards of conduct, see the Student Handbook.)
Academic Information

Academic Program

Graduation Requirements For Baccalaureate Degrees

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 126 credit units.
2. A grade point average of 2.0.
3. The fulfillment of all basic requirements.
4. At least 35 units in upper-division courses.
5. Compliance with all requirements in the major field, or major and minor fields.
6. No grades below C in the major field.
7. A residence of one year and the completion of the last 30 units at Covenant College, with the exception that students in residence for more than one year may complete 9 of the 30 units at other approved colleges.
8. Completion of Undergraduate Program or other comprehensive examinations in the major.
9. The payment of all bills, the return of all equipment and library books, and the completion of all practical work.

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.
2. A grade-point average of 2.0.
3. Compliance with the requirements established by the department.
4. No grades below C in the major field.
5. A residence of one year and the completion of the last 30 units at Covenant College, with the exception that students in residence for more than one year may complete 9 of the 30 units at other approved colleges.
6. Completion of Undergraduate Program or other comprehensive examinations in the major.
7. The payment of all bills, the return of all equipment and library books, and the completion of all practical work.

Core Curriculum For Baccalaureate Degrees

Because the faculty believes that a liberal-arts education should be broad and inclusive, introducing the student to ideas and values of continuing concern and providing him with historical and spiritual perspectives on the complex problems of our society, the college has set a number of basic requirements for graduation, most of which are comprised in the core curriculum.

All students who are candidates for a baccalaureate degree, except those in certain special programs, are required to take courses, or demonstrate competency, in each of the following areas:

Interdisciplinary Studies
ID 31. Foundations of Modern Culture .......................4
(Normally taken fall of freshman year.)
ID 91. Philosophy of Culture ..................................3
ID 92. Senior Integration Project .............................2
(91 normally taken spring of junior year, 92 taken fall or spring of senior year.)

Biblical Studies
Bib 111, 113 or 129. Old Testament .........................3
Bib 142 or 148. New Testament ..............................3

Written Communication
Eng 11-12. English Composition I and II ....................4
(Normally taken fall of freshman year. Students who demonstrate superior writing skills may be allowed to by-pass English 11.)

Analysis
Phil 22. Logic ..................................................3
or any course in Mathematics for which student qualifies.

History
His 102. Trans-Atlantic Civilization since 1763 ............4
(Normally taken spring of freshman year.)

Laboratory Science
Most students will take ........................................8

Students in science, nursing education, psychology and physical education will meet this requirement by taking courses in General Biology, Elements of Zoology, General Chemistry or General Physics (please check requirements of the specific major). Other students with special interests may also take these other courses.

Social Science
Soc 141. Principles of Sociology or Psy 100. General Psychology ..........................3,4
(Students are encouraged to meet this requirement by the end of the junior year.)

Arts
ID 36. Perspectives on the Arts ................................1
Plus one of the following:
Art 111. Introduction to Art .................................3
(Art minors will take Mus 171 or Eng 112)
Mus 171. Introduction to Music ..............................3
(Mus majors or minors will take Art 111 or Eng 112)
Eng 112. Introduction to Literature .........................3
(Eng majors or minors will take Art 111 or Mus 171)
Eng 366. Literature for Children and Adolescents ..........3
(Primarily for Elementary Education majors)
(Students are encouraged to meet this requirement by the end of the junior year.)

Language
This requirement may be met by taking certain combinations of courses in three categories:

1. Elementary Foreign Language, Intermediate Foreign Language
2. Eng 205. Introduction to Linguistics. Phil 310. Philosophy and Language
3. Eng 210. The Classics in English Translation. Eng 211. European Literature in English Translation

The following combinations are allowed:
- A single foreign language through the intermediate level (14 units)
- Three semesters of the same foreign language plus one course from categories 2 or 3 (14 units)
Elementary foreign language plus two courses from categories 2 and 3 (14 units)

- Two semesters each of two elementary foreign languages (16 units)
- One or two courses from category 2, plus two or three courses from category 3, for a total of four courses. One course from category 3 will usually be in the Classics (12 units)

NOTE: Certain major programs may specify language requirements, and, therefore, restrict the choice of combinations above. (Students who score well on a language test administered during registration week in the fall may be allowed to by-pass up to four semesters of foreign language.)

Physical Education
PE 51-52. Health and Physical Education .................... 2
PE 55. First Aid and Personal Safety .......................... 1
(51-52 normally taken freshman year, 55 taken sophomore year. 51-52 not required for married students, military veterans or those excused for medical reasons.)

Courses in the major or minor used for core requirements may also be used for credit in the major or minor unless otherwise specified by the appropriate department.

Majors and Minors
Covenant College seeks to provide a liberal-arts education that includes not only the broad and inclusive core curriculum but areas of greater specialization as well. This is the reason that every student pursuing a baccalaureate degree must meet the requirements of a major-minor program or of a single major.

Major-Minor Program. This program involves a major of at least 24 hours and a minor of at least 12 hours, for a total of at least 36 hours of courses approved by the departments named as the major and minor subjects. A student must take at least 12 units of his major at Covenant College and at least 6 units of his minor. As an option, a student can concentrate entirely in a single major without any minor. Variations in the requirements for the different major programs, in addition to the possibility of bypassing certain parts of the core, make the number of units available for free electives range from 0 up to 52.

Majors in natural sciences and in the music programs, as well as the programs in education and nursing, call for careful planning as early as the freshman year in order to assure fulfillment of all requirements and prerequisites. Be sure to see the specific requirements under the appropriate departments.

Major Programs
- Applied Music
- Biblical Studies and Missions
- Biology
- Business Administration
- Chemistry
- Elementary Education
- English
- History
- Interdisciplinary Studies
- Music
- Music Education
- Natural Science
- Philosophy
- Physical Education
- Psychology
- Sociology

Minor Programs
- Art
- Biblical Studies
- Biology
- Business Administration
- Chemistry
- Education
- English
- French
- Greek
- History
- Mathematics
- Missions
- Music
- Philosophy
- Physical Education
- Physics
- Psychology
- Sociology
- Spanish

Special Programs. Courses preparatory to professional training are available in the following fields:
- Medical Technology
- Nursing Education
- Pre-engineering (see Dual Degree Program under Engineering)
- Pre-law
- Pre-medicine (consult with Dr. Lothers)
- Pre-ministerial
- Teacher Education, Elementary and Secondary

Graduation Requirements for Associate Degrees
The Associate of Arts Degree. Upon recommendation of the faculty and approval by the Board of Trustees, the degree of Associate of Arts is conferred upon students who have met the following requirements for graduation:
1. A minimum of 65 credit units.
2. A grade-point average of 2.0.
3. The fulfillment of all basic requirements.
4. Compliance with all requirements in the area of concentration.
5. No marks below C in the area of concentration.
6. A residence of one year and the completion of the last 30 units at Covenant College.
7. The payment of all bills, the return of all equipment and library books, and the completion of all practical work.

Core Curriculum for Associate Degrees
Perspectives
- ID 31. Foundations of Modern Culture .................... 4
- His 102. Trans-Atlantic Civilization ...................... 4

Written Communication
- Eng 11-12. English Composition I and II .................... 4
(Students who demonstrate superior writing skills may be allowed to by-pass English 11.)

Laboratory Science
- Science .................................................................. 4
(Nat Sci 105. Problems of Physical Science is preferred; the requirement may also be fulfilled with Nat Sci 106 or 108, Bio 111 or Chem 121.)

Social Science
Social Science .................................................. 3 or 4
(Soc 141 or 241, Psy 100 or 244, or Edu 222.)

Arts
Arts ................................................................. 3 or 4
(May be fulfilled with any 100 or 200 literature course or Art 111 or Mus 171. ID 36. Perspectives on the Arts is recommended for an additional unit.)

Physical Education
PE 51 or 52 ........................................................ 1
PE 55. First Aid .................................................... 1
Total core units .................................................. 29-31

Area of Concentration
The specific requirements in the Area of Concentration are listed under the individual departments. Currently, associate degrees are offered in Biblical Studies and Basic Health Sciences. Please see Biblical Studies, Natural Science and Nursing Education.

The units in the Associate of Arts degree program are distributed as follows:
Core Curriculum ................................................. 29-31
Area of Concentration ......................................... 20-28
Elective Units .................................................... 6-16
Total units ......................................................... 65

Summer Offerings
A variety of courses are offered by Covenant College during the summer months. A three week session immediately following commencement in May offers students the opportunity of earning three units of credit in a limited number of standard classroom courses, some of which meet core requirements. The Psychology Tour, a month long travel study program, offers students six units of psychology credit. During this tour students visit many counseling centers, research centers and other institutions stretching as far west as California. Students may also earn credit by working as interns with a variety of organizations. Finally, a number of correspondence courses are offered during the summer. These offerings, in which tuition costs are less than during the academic year, provide the opportunity for students to make up deficiencies, earn extra credit or take required units in order to lighten their loads during the regular semesters. Students from other colleges are also welcomed to these special summer courses.

Off-Campus Studies
Special arrangements have been made to enable Covenant College students to earn credit while studying off-campus in connection with L'Abri Fellowship in Switzerland (enrollment at L'Abri subject to availability of space at L'Abri), the American Institute of Holy Land Studies on Mount Zion, Jerusalem, Israel, Covenant Circle in Berkeley, California and the Study Abroad Program of Christian Colleges (SAPOCC) in France, Germany and Spain. Up to 12 semester units may be earned in connection with work at L'Abri or at Covenant Circle, and up to 16 semester units (24 quarter units) in the Holy Land. Ordinarily only juniors or second semester sophomores may apply, and certain qualifications must be met. Students may also receive up to three units of credit for work done in connection with a variety of summer service programs sponsored by Christian Training Inc. and World Presbyterian Missions. Details of each program, which vary, may be obtained from the Registrar. Application should be made well in advance of the term to be spent off campus.

Independent Study
When possible, independent study will be arranged for students with a cumulative grade point average of 3.00 or above who are approved for such study by their department chairman. Ordinarily such study will be in a student's major field and will involve a subject not otherwise offered at Covenant College. The student is expected to submit to the supervising faculty member an outline and a bibliography for the program he wishes to study. Further details may be obtained from the Registrar.

Private Study
Required courses, either core or major, not offered in a given semester, may be arranged on a private basis. Such an arrangement must be authorized by the Dean of the Faculty and the Registrar, and this authorization will ordinarily be granted only when a student needs a course that will not be offered again before his expected date of graduation. Such situations may arise when (a) a student received a grade of F in a required course, (b) a student changed majors late in his college career or (c) a student transfers to Covenant College.

Credit Awarded by Examination
Please see page 5 for information concerning credit through the College Level Examination Program (CLEP).

Academic Standards
One of the criteria for the granting of the Bachelor of Arts, the Bachelor of Music and the Associate of Arts degrees is the satisfactory completion of required courses with a grade point average of 2.0 in all subjects.

The Credit and Grading System
A unit is the amount of credit given for attendance in class for a period of 50 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. Intermediate values are assigned to pluses and minuses.

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.
R means REPEAT and removes the previous mark and its effect on the cumulative grade-point average.
S means SATISFACTORY, and is given only as a mid-term grade.
U means UNSATISFACTORY, and is given only as a mid-term grade.
W means WITHDRAWN during the first half of the semester; units are not included in computing the grade-point average.
WP means WITHDRAWN PASSING during the last half of the semester and indicates a passing average at the time a course was dropped; units are not included in computing the grade-point average.
WF means WITHDRAWN FAILING during the last half of the semester, indicates a failing average at the time a course was dropped, and carries no grade point; units are included in computing the grade-point average.

INC means INCOMPLETE and indicates that part of the required work for the semester has not been completed. An incomplete is given only in cases of medical or other emergencies. Such work must be completed by the last day of the following semester or it will be recorded as Incomplete and averaged as a Failure.

Pass-Fail Option. Students with junior or senior standing and a cumulative grade point average of 2.70 or higher may take a total of twelve units toward graduation on a pass-fail basis in non-core courses and courses outside the departments of the student's major and minor. Students may not change from pass-fail to regular credit or from regular credit to pass-fail after the tenth day of classes in any semester. Units so earned carry credit for graduation but are not considered in computing the student's grade point average. The objective of the pass-fail option is to encourage students to take some courses they might not otherwise take.

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 any student earning an F in English composition will retake the course, and any student whose work is unsatisfactory in its writing will be referred to the chairman of the English department for corrective work.

Probation and Suspension

Students with cumulative grade point averages below the following averages will be placed on academic probation. (A student's grade-point average is computed by dividing the number of grade points earned by the number of units attempted.)

- Freshman ............................................. 1.50
- Sophomore ....................................... 1.80
- Junior ............................................. 2.00
- Senior ............................................. 2.00

The exception will be the student who earns a 2.00 current grade point average or higher for two consecutive semesters. He will be released from his probationary status even though his cumulative grade point average may still be below the required minimum for his class. The "two semesters" refers to the fall and spring semesters and does not include summer session but may be extended if authorized by the faculty member involved in the particular course after consultation with the Student Development Office.

Eligibility for Extracurricular Activities

Students on academic or disciplinary probation may be restricted in their participation in extracurricular activities, including work. The student on probation has the responsibility for making an appointment with one of the members of the Student Development Office for the purpose of reviewing the student's status. This review must be accomplished within the first two weeks of the semester.

Class Absence and Tardiness

Each instructor is free and responsible to determine and enforce whatever policy he wishes concerning excessive absences in his course and will inform his students of such policy at the beginning of each semester. This policy will include provision for making up missed work. It is the student's responsibility to contact the instructor about such work, and the faculty member will exercise his right of judgment as to whether or not a penalty will be assessed and whether or not the work may be made up at all.

The Student Development Office will provide written statements for emergency absences and the nurse will write statements for cases of illness when requested by the student or the teacher. These statements are not excuses but are given to faculty members for their information.

Students should inform their instructors in advance of any school trips which will necessitate absence from class. Faculty members will each 15 days report the interruption of class attendance by any student receiving Veterans Administration educational benefits.

Classification of Students

Students who are accepted as degree candidates and who have fewer than 26 semester units are classified as FRESHMEN.

SOPHOMORES must have at least 26 semester units with a grade-point average of 1.5.

JUNIORS must have at least 58 semester units with a grade-point average of 1.8.

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 12 or more hours (not including PassFail units) 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 since entering college or whose cumulative grade-point average is 3.50 will be excused from most final examinations in their last academic semester. Students must be in residence for a minimum of 60 units before their last academic semester to qualify.

Students who maintain a grade-point average of 3.50 throughout their Covenant 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.* Students must be in residence for a minimum of sixty units (not including courses the student has taken Pass/Fail) to qualify for graduation honors.

**Numbering of Courses**
The first digit of a course number indicates the class level of students to whom it is open, with the exception of core courses, which are designated by two-digit numbers.

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

Junior and senior courses (numbered in the 300s and 400s) are upper-division courses.

The college reserves the right to withdraw any course. Many courses listed in the catalog are offered in alternate years. The schedule of classes in any given semester will be issued prior to registration. Brackets [ ] enclosing 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 current year. Where possible, this information has been given.

**Art**

**Art Department Goals**

To increase students’ understanding and appreciation of art and to encourage students in their development of artistic skills in a variety of media.

These goals are related to the college’s Statement of Purpose in at least three ways:

1. In reference to the college motto (Col. 1:18), art must be one of those “things” in which Christ is pre-eminent. There is no better place within the Christian community to work toward this end.

2. Through the study of art history and the discipline of the creative process, one can gain “valuable insights into the structure of reality.”

3. To “think as Christians about culture,” students must think about art. To “endeavor to make it reflect our commitment to Christ,” one must gain an understanding and appreciation of art and develop skills in creating it.

**Requirements for Minor in Art**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 111. Introduction to Art</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Art 301, 302. Art History</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Art Elective</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Courses in Art**

**111. Introduction to Art**

Lecture and studio course designed to develop art knowledge and judgment through studies of historic and contemporary examples of painting, sculpture, architecture, industrial and commercial design and crafts. One hour lecture. Four hours studio. Three units. Mr. Kellogg.

**201. Drawing**

Studio course in basic drawing including experimentation with a variety of media. Four hours studio. Two units. Mr. Kellogg.

**[202. Watercolor Painting]**

Studio course in basic watercolor painting. Four hours studio. Two units. Mr. Kellogg. (Not offered 1979-80)

**203. Printmaking I**

Fundamental course in the basic relief printing processes involving studio work in linocut, woodcut and object prints. Four hours studio. Laboratory fee: $4.00. Two units. Mr. Kellogg.

**[204. Printmaking II]**

Fundamental course in the art of serigraphy. Four hours studio. Laboratory fee: $4.00. Two units. Mr. Kellogg. (Not offered 1979-80)
209. Ceramics
A studio course in basic ceramic pottery designed to develop artistic skills in making wheel-thrown pottery. Materials fee: $15.00; instructor's fee: $35.00. Three units.

[301. Art History I]
Illustrated study of painting, sculpture and architecture from prehistoric times to the Italian Renaissance. (Offered alternate years, first semester.) Three units. Mr. Kellogg. (Not offered 1979-80)

[302. Art History II]
Illustrated study of painting, sculpture and architecture from the Italian Renaissance to the present day. (Offered alternate years, second semester.) Three units. Mr. Kellogg. (Not offered 1979-80)

303. Oil Painting I
A studio course designed as an introduction to the oil painting medium. Prerequisite for Oil Painting II. Six hours studio. Three units. Mr. Kellogg.

304. Oil Painting II
A studio course with emphasis on composition in landscape, still life and figure painting. Prerequisite: Oil Painting I. Six hours studio. Three units. Mr. Kellogg.

394. Art for Children and Adolescents
Essential techniques, methods and materials in classroom organization and the operational phases of an art program. A study of the elements of design and the organization of the basic elements. Required for elementary certification. Laboratory fee: $4.00. Mr. Kellogg.

Biblical Studies

Biblical Studies Department Goals
To provide students the tools by which to gain an increasing knowledge of the message and content of the Bible, and to encourage them to structure their lives in obedience to its mandates.

To encourage students with apparent qualifications and gifts for the ministry of the Gospel to consider pursuing the possibility of such a calling.

To acquaint students with some of the problems connected with biblical scholarship and the content of our Christian faith over against the belief-systems of the modern world. It is with reference to this context of unbelief that we attempt to equip students with a basis upon which to develop a consistent apologetic for the Christian faith and upon which to construct an effective means of communicating that faith in the contemporary scene.

To help students find in a biblical faith-commitment the rationale for all their culture-related activities, beginning with their understanding and appreciation of education from the perspective of the Christian faith.

Requirements for Major in Biblical Studies and Missions.

Concentration in Biblical Studies

Core Requirements (Details, including alternative courses, are given on page 11)

- ID 31. Foundations of Modern Culture ........................................... 4
- ID 91. Philosophy of Culture ................................................................. 3
- ID 92. Senior Integration Project ......................................................... 2

Bib 111, 113 or 129 Old Testament .................................................. 3
Bib 142 or 148. New Testament........................................................... 3
Bib 277-278. Christian Doctrine .......................................................... 6
Eng 11-12. English Composition ......................................................... 4
Phil 22. Logic or Mathematics .............................................................. 4
His 102. Trans-Atlantic Civilization ....................................................... 4
Laboratory Science sequence ................................................................ 8
Soc 141. Principles of Sociology or
Psy 100. General Psychology ............................................................... 3 or 4
ID 36. Perspectives on the Arts .............................................................. 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents .................................. 3
Language sequence (two years of Greek required for pre-seminarians; one year of Greek for non-pre-seminarians) ................................................................. 14
PE 51-52. Health and Physical Education ............................................. 2
PE 55. First Aid and Personal Safety ..................................................... 1

Major and Supporting Course Requirements
Bible "book study" courses (to be divided between the two testaments) ................. 9
272. Hermeneutics .............................................................................. 3
371. Ethics ......................................................................................... 3
383. History of the Christian Church or 385. History of Dogma ................. 3
376. Christian Apologetics ................................................................. 3
Mis 202. Theology of Missions ............................................................ 3
Electives ......................................................................................... 6

Pre-seminarians are strongly urged to take the following additional courses:

A course in Philosophy ......................................................................... 3
Appropriate courses in Psychology and/or Sociology .......................... 6
Eng 222. Speech Communication or 304. Advanced Composition ........... 3

Requirements for Minor in Biblical Studies

272. Hermeneutics or 371. Ethics or 376. Christian Apologetics ............... 3
Bible "book study" courses ................................................................ 6
Elective in Missions ....................................................................... 3
Requirements for Associate of Arts Degree in Biblical Studies

Core Requirements (For details, see page 12)
ID 31. Foundations of Modern Culture ............................................. 4
Bib 111, 113 or 129. Old Testament ........................................... 3
Bib 142 or 148. New Testament .................................................. 3
His 102. Trans-Atlantic Civilization ............................................ 4
Eng 11-12. English Composition ................................................ 4
Laboratory Science ......................................................................... 4
Social Science ................................................................................. 3 or 4
Arts ................................................................................................. 3 or 4
PE 51 or 52. Health and Physical Education .................................. 1
PE 55. First Aid and Personal Safety ............................................. 1

Area of Concentration
Bib 277-278. Christian Doctrine .................................................. 6
Bib 272. Hermeneutics ................................................................. 3
Bib 376. Christian Apologetics or 380. Evangelism ....................... 3
Bib 383. History of the Christian Church or 385. History of Dogma . . 6
Bib 327. Psalms or 334. Daniel and Revelation ............................. 3
Bible “book study” courses (to be divided between the two testaments) .... 6
Elective in Missions ...................................................................... 6
Elective Units ................................................................................ 6 or 8

Some credit may be earned off campus by qualified students in connection
with L'Abri Fellowship in Switzerland and with the American Institute of Holy
Land Studies in Israel. See the Department Chairman or Registrar for details.

Courses in Biblical and Theological Studies

111. History of Israel
A course designed for the student who has little or no knowl-
edge of the Old Testament. This course surveys Hebrew history
beginning with Abraham and concluding with Malachi. Although
the historical framework is of primary concern lectures will also
emphasize Old Testament theological concepts as they are pre-
sented and developed in history. A ten page paper is required.
Three units credit. Mr. Clark.

113. Pentateuch
A comprehensive study of the Pentateuch 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. Mr. Krabbendam.

129. Prophets of Israel
A comprehensive study of the Old Testament books of
prophecy with special attention given to the nature and task of the
prophetic office and its place in and effect upon redemptive his-
tory. Open to students who give evidence of good knowledge of
the history of Israel. Three units.

142. Gospels and Acts
A comprehensive study of the four Gospels and the book of
Acts in the New Testament, with special emphasis on the message
and ministry of Christ and the growth of the early church. Three
units. Mr. Clark.

148. Pauline Epistles
A study of the background and theology of the Pauline Epistles.
Lectures will examine both the history of the Inter-testamental
Period, devoting special attention to developments of significance
in the Pauline era, and the structure of Pauline Theology. Reading
assignments will cover special introduction to the various Pauline
Epistles. Three units. Mr. Clark.

272. Hermeneutics
A historical study of the ways in which the Church has inter-
preted her scriptures and a study of general hermeneutical princi-
bles with special attention drawn to the problem of the Kingdom
and the hermeneutical situation that existed for the early Church.
A paper is required. Three units. Mr. Krabbendam.

277-278. Christian Doctrine
An introduction to the historic doctrines of the Church, based
on the Westminster Confession of Faith. Two semesters. Six units.
Staff.

311. History of Israel
The same course as 111 described previously, but designed for
upper-division students who wish to take it as an elective. Extra
reading assignments will be given. Three units. Mr. Clark.

313. Pentateuch
The same course as 113 described above, but designed for
upper-division students who wish to take it as an elective. Extra
reading assignments will be given. Three units. Mr. Krabbendam.

315. Genesis
An analysis of the book, with specific reference to the
Mesopotamian backgrounds of the patriarchs of Israel, the critical
problems regarding origins, as well as the matters of authorship,
date and purpose. Pre-requisite or to be taken concurrently: 111 or
113 or 129, and 142 or 148, and 277-278. Three units. Mr. Clark or
Mr. Gilchrist. (Not offered 1979-80)

322. Deuteronomy
A thorough study of the book comparing its background and form
in the light of ancient international treaties, and showing how
comprehensively it reveals the sovereign Lordship of God over his
people in ancient times, with application to our own 20th centu-
year. The book of Deuteronomy is considered to be the most
important for a complete understanding of the rest of the Old
Testament. Pre-requisite or to be taken concurrently: 111 or
113 or 129, and 142 or 148, and 277-278. Three units. Mr. Gilchrist.
(Not offered 1979-80)

327. Psalms
A study of selected Psalms of the Old Testament scriptures,
showing the variety of themes and discussing the moods of the
authors as affected by their historical situation. Different forms of
poetic expressions in the Psalms will be examined. Pre-requisite or
to be taken concurrently: 111 or 113 or 129, and 142 or 148, and
277-278. Three units. Mr. Gilchrist. (Not offered 1979-80)

329. Prophets of Israel
The same course as 129 described previously, but designed for
upper-division students who wish to take it as an elective. Extra
reading assignments will be given. Three units.

334. Daniel and Revelation
A detailed study of the apocalyptic literature of the Bible, with
comparisons to the same type of literature produced during the
inter-testamentary period, including the Dead Sea scrolls, and an
examination of various interpretations as developed in recent
years. Pre-requisite or to be taken concurrently: 111 or 113 or 129,
and 142 or 148, and 277-278. Three units. Mr. Gilchrist.

342. Gospels and Acts
The same course as 142 described previously, but designed for
upper-division students who wish to take it as an elective. Extra
reading assignments will be given. Three units. Mr. Clark.

346. John
A study of the authorship, date, purpose, historical background
and application of the message of John to modern life and thought
with emphasis on doctrinal and ethical teaching. Pre-requisite, or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Clark.

348. Pauline Epistles
The same course as 148 described previously, but designed for upper-division students who wish to take it as an elective. Extra reading assignments will be given. Three units. Mr. Clark.

349. Romans
A study of the doctrinal, spiritual and ethical values in Romans, designed to give the students an understanding of the divine plan of salvation. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Clark. (Not offered 1979-80)

355. Ephesians and Colossians
Special emphasis will be placed on developing skills in Bible study methods as well as on the authenticity, authorship and content of the two epistles. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Anderson.

360. James
An in-depth analysis of the structure and contents of the epistle of James. Special attention will be given to the distinctive elements of James' teachings and their relationship to other authors in the New Testament. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Anderson.

371. Ethics
A historical survey of approaches to Christian ethics, an exegetical study of the normative, situational and relational aspects of Christian ethics and a study of Biblical Ethics in context with special emphasis on the Decalogue and the doctrine of sanctification. Concentration on the various sections may vary from year to year. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Krabbendam.

376. Christian Apologetics
A survey of various systems of Christian apologetics including study of anti-theistic theories. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Krabbendam.

380. Evangelism
A study of the message and methods of evangelism, as well as the requirements for effectiveness. Special emphasis on field work. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Krabbendam. (Not offered 1979-80)

383. History of the Christian Church
A one semester historical survey of the life and thought of the Christian Church in its political and social environment. Attention will be focused on critical periods of the church's development such as in early formation within the Roman Empire, its role in Medieval civilization, the sixteenth-century reform, modern revivals and the like. Course work will stress source reading and short reports. Three units. A fourth unit of credit may be earned by the writing of an additional paper. Mr. Voskuil. See History 311.

385. History of Dogma
History of the development and formulation of major Christian dogmas from the early church to the present. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Young. (Not offered 1979-80)

389. Seminar on Calvin's Institutes
A study of the theology of John Calvin as presented in his Institutes of the Christian Religion. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Clark. (Not offered 1979-80)

399. Independent Study
See catalog, page 13, for requirements.

430. Isaiah
A study of the prophecy of Isaiah against its historical background with special consideration of the Messianic prophecies. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Gilchrist.

451. I Corinthians
A comprehensive study of I Corinthians with special emphasis upon the principles of spiritual leadership set forth in this epistle. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. (Not offered 1979-80)

452. II Corinthians
A comprehensive study of II Corinthians with special emphasis upon the principles of spiritual leadership set forth in this epistle. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Anderson. (Not offered 1979-80)

457. Hebrews
An analysis of the book as a whole, and a consideration of its theological teaching in relation to the fulfillment of the Old Testament types. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Anderson. (Not offered 1979-80)

487. Modern Theology
A research seminar including survey of post-Kantian theologians introducing students to their methodologies and systems of thought. Certain theologians such as Barth, Brunner, Bultmann, Niebuhr, Tillich and others, will be studied in some detail. Research projects and papers will be required. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Mr. Anderson.

493. Biblical Studies Seminar
A course designed to provide opportunity to apply research methods and to engage in intensive study on biblical subjects under the supervision of one or more professors in the department. The subject matter will vary each year according to the particular interests and emphases of the professor or professors. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Staff.

495. Theological Studies Seminar
A course designed to provide opportunity to practice applying research methods and to engage in intensive study of theological subjects under the supervision of one or more professors in the department. The subject matter will vary each year according to the particular interests and emphases of the professor or professors. Pre-requisite or to be taken concurrently: 111 or 113 or 129, and 142 or 148, and 277-278. Three units. Staff.

Note: For missions courses see page 36.
Biology Department Goals

For general education:
To help students perceive and emphasize phenomena built into nature by the sovereign God and evaluate concepts developed from atheistic presuppositions.
To develop an understanding of nature that would enhance appreciation of it as the work of the Creator and lead to better stewardship of it.

For the major field:
To provide more thorough development of the goals for general education.
To familiarize students with the modern concepts of biology.
To help students learn a context and be able to incorporate new information into it.
To prepare students for satisfying areas of service, by preparing them for medical or graduate school and by helping them develop techniques and insight needed for employment.

Requirements for Major in Biology

Core Requirements (Details, including alternative courses, are given on page 11)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>Bib 111, 113 or 129. Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148. New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>Soc 141. Principles of Sociology or</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Psy 100. General Psychology</td>
<td></td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111. Introduction to Art or</td>
<td>1</td>
</tr>
<tr>
<td>Mus 171. Introduction to Music or</td>
<td>3</td>
</tr>
<tr>
<td>Eng 112. Introduction to Literature or</td>
<td></td>
</tr>
<tr>
<td>Eng 366. Literature for Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>Language sequence</td>
<td>12-14</td>
</tr>
<tr>
<td>(Intermediate French or German required for those planning to go to graduate school)</td>
<td></td>
</tr>
<tr>
<td>PE 51-52. Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 55. First Aid and Personal Safety</td>
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</table>

Major and Supporting Course Requirements*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Bio 111-112. General Biology</td>
<td>8</td>
</tr>
<tr>
<td>Bio 218. Ecology</td>
<td></td>
</tr>
<tr>
<td>Bio 313. Genetics</td>
<td>4</td>
</tr>
<tr>
<td>Biology Electives</td>
<td>12</td>
</tr>
<tr>
<td>Mathematics through 142. Pre-calculus Mathematics</td>
<td></td>
</tr>
<tr>
<td>(Math 145. Calculus I required for those planning to go to graduate school. Math 251. Elementary Statistical Methods is also strongly recommended)</td>
<td></td>
</tr>
<tr>
<td>Chem 121-122. General Chemistry</td>
<td>8</td>
</tr>
<tr>
<td>Chem 323-324. Organic Chemistry</td>
<td>8</td>
</tr>
<tr>
<td>Phy 131-132. General Physics</td>
<td>8</td>
</tr>
<tr>
<td>Undergraduate Program Examination in Biology</td>
<td>8</td>
</tr>
</tbody>
</table>

*These requirements include enough units in chemistry for a chemistry minor. An additional minor is desired the total number of units taken may exceed the 126 needed for graduation.

The biology major calls for early and extensive counseling of students in order that they may be properly informed of the requirements and aims of the program. A student entering this program will ordinarily have to make his decision earlier in his college career than is necessary for some of the other programs offered by the college.

Requirements for Minor in Biology

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Bio 111-112. General Biology</td>
<td>8</td>
</tr>
</tbody>
</table>

Biology Electives

*If the core requirement in laboratory science is met by an 8-unit sequence in a science other than biology this may be reduced to 8 units.

Requirements for Georgia Secondary School Certification

Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
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<td>Bib 142 or 148. New Testament</td>
<td>3</td>
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<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
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<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Language sequence</td>
<td>6</td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
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<td>Art 111. Introduction to Art or</td>
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<td>Eng 366. Literature for Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>Phy 131-132. General Physics</td>
<td>8</td>
</tr>
<tr>
<td>Psy 251. Elementary Statistical Methods</td>
<td>4</td>
</tr>
<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>Social Science (Psy 303 is recommended)</td>
<td>8</td>
</tr>
<tr>
<td>PE 51-52. Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 55. First Aid and Personal Safety</td>
<td>1</td>
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</tbody>
</table>

Teaching Field

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>Bio 111-112. General Biology</td>
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<tr>
<td>Biology electives</td>
<td>12</td>
</tr>
<tr>
<td>*Math 142. Pre-calculus Mathematics</td>
<td></td>
</tr>
<tr>
<td>*Chem 121-122. General Chemistry</td>
<td>8</td>
</tr>
<tr>
<td>*Chem 323-324. Organic Chemistry</td>
<td>8</td>
</tr>
</tbody>
</table>

Courses in Biology

Note: On-demand courses can be offered when five or more students desire them.

101. Elements of Zoology

A one-semester course designed for and limited primarily to Physical Education and Psychology majors. The cellular basis of life, organism biology, perpetuation of life and ecological problems will be discussed. A selected critique of evolution may also be presented. Three hours lecture. Three hours laboratory. Laboratory fee: $10.00. Four units. Mr. Wenger.

106. Problems of Biological Science

A survey of issues in modern biology, emphasizing views of origin and including such topics as genetic manipulation and production of "test tube babies." The historical development of ideas

19
and attitudes among modern scientists concerning origin will be traced. Creationist alternatives will be examined. Three hours lecture. Two hours laboratory. Laboratory fee: $10.00. Four units. Mr. Lothers.

111-112. General Biology
Basic principles of biology at molecular, cellular, organ system, organismic and community levels. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00 per semester. Designed for science majors and pre-nursing, pre-medical and pre-dental students. Eight units. Staff.

216. Human Anatomy
The structure of the human body. Prerequisite: Biology 111. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00. Four units. Mr. Wenger. (Not offered 1979-80)

217. Human Physiology
The functioning of the major systems of the body will be studied along with a sufficient background of anatomical concepts. Prerequisite: Biology 111. Three hours lecture. Two hours laboratory. Laboratory fee: $10.00. Four units. Mr. Wenger. (Not offered 1979-80)

218. Ecology
Relations of organisms to the physical and biological conditions under which they live. Three hours lecture. Three hours laboratory. Pre-requisite: Biology 111-112 or equivalent. Laboratory fee: $10.00. Four units. Mr. Wenger. (Not offered 1979-80)

302. Microbiology
Life histories, morphology, physiology, identification, culture techniques, industrial microbiology, control, pathology and immunity. Pre-requisite: Biology 111-112 or equivalent. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00. Four units. Mr. Lothers.

311. Comparative Anatomy
Classification and comparison of typical chordate animals with emphasis on the vertebrates. Prerequisite: Biology 111-112 or equivalent. Two hours lecture. Six hours laboratory. Laboratory fee: $20.00. Four units. (Not offered 1979-80)

312. Comparative Animal Physiology
A comparative study of functions of animal organ systems. Prerequisite: Biology 111-112 or equivalent. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00. Four units. Mr. Wenger. (Not offered 1979-80)

313. Genetics
A study of the principles that govern heredity. The course includes a consideration of the principles of Mendelian inheritance and an analysis of the underlying mechanics of heredity. Prerequisite: Biology 111-112 or equivalent. Three hours lecture. Two hours laboratory. Laboratory fee: $10.00. Mr. Lothers. (Not offered 1979-80)

314. Embryology
Development of vertebrate animals. Prerequisite: Biology 111-112 or equivalent. Three hours lecture. Three hours laboratory. Laboratory fee: $10.00. Four units. Mr. Lothers.

316. Taxonomy of Higher Plants
Principles of classification and identification of vascular plants with emphasis on flowering plants. Paleobotany and some biochemical systematics will be included. Laboratory fee: $10.00. Four units. Mr. Lothers. (Not offered 1979-80)

317. Animal Histology and Microtechnique
Tissues and organs of vertebrates. Training in the preparation and interpretation of animal tissues for microscopical study. Prerequisite: Biology 111-112 or equivalent. Three hours lecture. Three hours laboratory. Laboratory fee: $10.00. Four units. Mr. Lothers. (Not offered 1979-80)

318. Biology of Invertebrates
The study of invertebrate animals with emphasis on their structural, functional, ecological and behavioral adaptations. Phylogenetic theories are also discussed. Prerequisite: Biology 111-112 or equivalent. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00. Four units. Mr. Wenger. (Not offered 1979-80)

390. Special Topics in Biology
This course explores topics of current interest in the department, not covered in other courses. Topics might include ornithology, entomology, limnology, vertebrate natural history, plant physiology, nutrition, human genetics, and methods of biological research. Prerequisite: Biology 111-112 or equivalent. Repeatable. Two to four units. Staff. (Offered on demand)

411. Current Concepts in Biology
Historic development of current concepts with emphasis on the theory of evolution. Reports and discussion of the current literature. Coverage of areas in which the student may be weak, such as various biochemical topics and experimental design. Prerequisite: Four hours of 200 or 300 courses, preferably Genetics. Three hours lecture. Three units. Mr. Lothers.

414 (214). Macroevolution and Microevolution
An examination of the theory of evolution including historical perspective, currently accepted mechanism, critical examination of the evidence and exploration of possible creationist alternatives. Students electing 414 will give one oral report. Those desiring to fulfill the laboratory science requirement with a course more challenging than 106 may take 214 plus lab from 106. Three units (four units with lab). Mr. Lothers.

Business Administration

Business Administration Department Goals
The objectives of this Department are to develop and maintain a progressive and innovative Christian undergraduate program in business administration. Specifically, it aims
(1) to prepare students who are interested in business and business management as a career,
(2) to develop in students an appreciation of what is involved in business, and a sense of the excitement that business offers,
(3) to draw attention to the interrelationships between business and other disciplines, including Biblical studies, law, sociology, psychology, economics, statistics, finance, accounting and management,
(4) to help students become keenly aware of, and sensitive to, both the great influence of business on society and the serious responsibility that business has to society.
Requirements for Major in Business Administration

Core Requirements (Details, including alternative courses, are given on page 11)

ID 31. Foundations of Modern Culture. .................................. 4
ID 91. Philosophy of Culture ............................................. 3
ID 92. Senior Integration Project ........................................ 2
Bib 111, 113 or 129. Old Testament ..................................... 3
Bib 142 or 148. New Testament .......................................... 3
Bib 277-278. Christian Doctrine ........................................ 6
Eng 11-12. English Composition ........................................ 4
His 102. Trans-Atlantic Civilization .................................... 4
Laboratory Science sequence .............................................. 8
Soc 141. Principles of Sociology or
Psy 100. General Psychology ........................................... 3 or 4
ID 36. Perspectives on the Arts ......................................... 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents ................... 3
Language sequence .................................................................. 12-14
PE 51-52. Health and Physical Education .................................. 2
PE 55. First Aid and Personal Safety ...................................... 1

Major and Supporting Course Requirements

Bus 100. Principles of Business ........................................... 3
Bus 203-204. Principles of Accounting .................................. 6
Bus 301. Principles of Marketing ......................................... 3
Bus 302. Business Finance .................................................. 3
Bus 303. Business Statistics ................................................ 3
Bus 304. Business Law ...................................................... 3
Bus 306. Principles of Management ...................................... 3
Bus 400. Business Policy (Senior Seminar) ........................... 3
Eco 201-202. Principles of Economics ................................... 6
Eco 300. Money and Banking ............................................. 3
CS 100. Introduction to Computer Science ............................. 3
CS 150. Introduction to Basic Programming ........................... 3
Mathematics through 142. Pre-calculus Mathematics............... 6
Comprehensive examination in Business Administration

Requirements for Minor in Business Administration

Bus 203-204. Principles of Accounting .................................. 6
Business Administration electives ........................................ 6

Courses in Business

100. Principles of Business

A study of the fundamental principles of business, organization, finance, banking, credit management, salesmanship and advertising. Required of all business majors and prerequisite to all business courses. Three units. Mr. Kirms and Mr. McClintock.

203-204. Principles of Accounting

A study of the fundamental principles of accounting as they apply to modern business practices, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statements. Six units.

301. Principles of Marketing

The study of consumer and industrial markets and the formulation of marketing policies and strategies relating to product, price, channels of distribution and promotion are stressed. The course seeks to explore fashion and life cycles, consumer behavior and legal and institutional environment of marketing. Prerequisite: Business 100. Three units. Mr. Kirms.

302. Business Finance

A survey of the general field of finance, including various types of business organization, capitalization, methods of obtaining capital; stock, bonds, mortgages, consolidation mergers, business failures and reorganization, and various types of promotions. Prerequisite: Business 100, 203-204. Three units.

303. Business Statistics

Statistical methods applied to the collection, organization, analysis and interpretation of business and economic data, in order to produce an appropriate business decision. Prerequisite: Computer Science 100, 150; Business 100. Three units. (Not offered 1979-80)

304. Business Law

An introductory course in the applied principles of business law, based on a case study of contracts, negotiable instruments, agency, sales, bailments and the transfer of real and personal property by individuals, partnerships and corporations. Three units. (Not offered 1979-80)

305. Principles of Investment

Functions of investment, basic elements of investment, investment programs, problems of personal finances and the field of investment. Three units. (Not offered 1979-80)

306. Principles of Management

Contemporary concepts of management with an examination of the various presuppositions underlying the various theories. An analysis of the tasks of the business executive and his productive functions, scientific management and basic features of business administration. Prerequisite: Business 100. Three units. Mr. Kirms.

307. Intermediate Accounting

An exploration of the concepts, standards, and principles underlying financial reporting by the corporation, with major emphasis on the measurement, analysis, and interpretation of income and changes in financial position (funds flow). Prerequisite: Business 203-204. Three units. Mr. Kirms.

400. Business Policy (Senior Seminar)

A seminar designed to probe the relationships of various disciplines in the solution of business and organizational problems. Attention will also be given to business structures, governmental policies, and international forces affecting the business organization and its practices. Prerequisite: Business 203-204, 301, 302, 303, 304, 306. Three units. Mr. Kirms and Mr. McClintock.

401. Marketing Research and Administration

An analytic approach to the performance of marketing management. The elements of the marketing mix as the focus in decision-making are studied, employing the case method of instruction. An examination of the marketing research process and its role in aiding decision-making is undertaken. Prerequisite: Business 303. Three units. (Not offered 1979-80)

402. Quantitative Methods

This course is an introduction to the mathematical approach to managerial problems of planning and controlling the design and operation of business enterprises. The course is designed to discuss and explain the newer mathematical approaches in a language non-mathematicians can understand. The formulation of models of business problems and the use of statistical tools such as probability, hypothesis testing and correlation are investigated. Prerequisite: Business 303. Three units. (Not offered 1979-80)

406. Organization and Management

A continuation of the principles course. An analysis of organizations linked to the management functions of planning, organizing, directing, and controlling in the context of both the industrial and sociological system. Individual, group, intergroup, and organizational responses to various environments and technologies are studied. Pertinent techniques of manpower management are also considered. Prerequisite: Business 306. Three units. Mr. Kirms.
Courses in Economics

201-202. Principles of Economics
A general course designed to explain the economic system, the institutions that make up the system and their functions, the relationships of these institutions to man, business, and government. Economic concepts, scope, methods to the solution of economic problems and an examination of the goals of the economy are examined. The central problems of the production, distribution and consumption of economic goods and services, and the impact of monetary and fiscal policies upon economic life are examined. Six units. Mr. McClintock.

300. Money and Banking
Development and analysis of the American monetary system, the relation of business to the banking system, commercial and non-commercial banking and the development of the Federal Reserve System. International banking is also included. Prerequisite. Economics 201. Three units. Mr. McClintock.

309. History of Economic Thought
The development of economic thought and doctrine from the beginning of mercantilism to the present. The course emphasizes the interrelationships among the various schools of thought and the continuity of economic thought between older ideas and current thinking. No prerequisite. Three units. Mr. McClintock.

Chemistry Department Goals

For general education:
To present, through the general survey course, both information about and insight into the manner in which the creation is sustained by God and thereby to increase students' appreciation of God's glory in what He has made and to help equip students to be better stewards of creation.

For related fields:
To meet the needs of students with career interests in other physical sciences and the health care professions.
To provide some measure of technical expertise and grasp of the limitations and successful applications of chemistry as it relates to other callings.

For the major field:
To provide students with a large body of information and techniques and with an appreciation of the role of chemical investigation in the kingdom of God.

To prepare students for careers in professional chemistry or for admission into medical school.

Requirements for Major in Chemistry

Core Requirements (Details, including alternative courses, are given on page 11)

ID 31. Foundations of Modern Culture .................. 4
ID 91. Philosophy of Culture ................................ 3
ID 92. Senior Integration Project .......................... 2
Bib 111, 113 or 129. Old Testament ........................ 3
Bib 142 or 148. New Testament ............................ 3
Bib 277-278. Christian Doctrine ........................... 6
Eng 11-12. English Composition ............................ 4
His 102. Trans-Atlantic Civilization ........................ 4
Soc 141. Principles of Sociology or Psy 100. General Psychology ...................... 3 or 4
ID 36. Perspectives on the Arts ............................. 1
Art 111. Introduction to Art or Mus 171. Introduction to Music or Eng 112. Introduction to Literature or Eng 366. Literature for Children and Adolescents ......... 3
Language sequence* ........................................... 14
PE 51-52. Health and Physical Education ................ 2
PE 55. First Aid and Personal Safety ........................ 1
*It is recommended that this include at least elementary German.

Major and Supporting Course Requirements

Che 121-122. General Chemistry ......................... 8
Che 323-324. Organic Chemistry ............................ 8
Che 325-326. Analytical Chemistry ....................... 8
Che 425-426. Physical Chemistry .......................... 8
Chemistry elective ............................................ 4*
Mathematics through 247, Calculus III .............................. 8
Math 131-132. General Physics ............................. 8
Phy 333. Principles of Electronics ........................ 3
Undergraduate Program Examination in Chemistry
*If a minor is desired this may be omitted.

Entering freshmen who plan to major in chemistry should plan to take calculus the first year. It is recommended, therefore, that they present mathematics through trigonometry from high school.

The chemistry major calls for early and extensive counseling of
students in order that they be properly informed of the requirements and aims of the program. A student entering this program will ordinarily have to make his decisions earlier in his college career than is necessary for some of the other programs offered by the college.

Requirements for Minor in Chemistry
Che 121-122. General Chemistry ........................................ 8
Chemistry electives ......................................................... 12*
*If the core requirement in laboratory science is met by an 8-unit sequence in a science other than chemistry this may be reduced to 8 units.

Dual Degree Program with Georgia Institute of Technology
This five-year program leads to a B.A. from Covenant and a B.S. in Chemistry from Georgia Tech, the latter degree approved by the American Chemical Society. The program includes three years at Covenant College and two years at Georgia Institute of Technology. Candidates who follow the program outlined below are eligible to seek the degree of Bachelor of Science in Chemistry from the General College of Georgia Institute of Technology. In the case of highly qualified students the Georgia Institute of Technology degree may be at the master's level.

Requirements for Major in Natural Science Concentration in Chemistry
Core Requirements (Details, including alternative courses, are given on page 11)
ID 31. Foundations of Modern Culture .................................. 4
ID 91. Philosophy of Culture .............................................. 3
ID 92. Senior Integration Project ......................................... 2
Bib 111, 113 or 129. Old Testament ..................................... 3
Bib 142 or 148. New Testament ......................................... 3
Bib 277-278. Christian Doctrine ......................................... 6
Eng 11-12. English Composition ......................................... 4
Eng 112. English Composition ............................................ 4
His 102. Trans-Atlantic Civilization ..................................... 4
His 103. Trans-Atlantic Civilization ..................................... 4
Soc 141. Principles of Sociology or
Psy 100. General Psychology ........................................... 3 or 4
ID 36. Perspectives on the Arts ......................................... 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents .................. 3
Language sequence ......................................................... 6-8
PE 51-52. Health and Physical Education .............................. 2
PE 55. First Aid and Personal Safety .................................... 1
Social Science electives (to meet requirements of Georgia Institute of Technology) 4 or 5
English Literature ......................................................... 3

Major and Supporting Course Requirements
Che 121-122. General Chemistry ......................................... 8
Phy 131-132. General Physics ............................................ 8
Che 425. Physical Chemistry ............................................. 4
Che 323-324. Organic Chemistry ......................................... 8
Che 422. Advanced Organic Chemistry ................................ 4
Physics elective .............................................................. 3
Mat 145-146. Calculus I, II .............................................. 8
Mat 247. Calculus III ...................................................... 4

Requirements for Georgia Secondary School Certification
Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education
ID 31. Foundations of Modern Culture ................................. 4
Bib 111, 113 or 129. Old Testament ..................................... 3

Bib 142 or 148. New Testament ......................................... 3
Bib 277-278. Christian Doctrine ......................................... 6
Eng 11-12. English Composition ......................................... 4
Language sequence ......................................................... 6
ID 36. Perspectives on the Arts ......................................... 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents .................. 3
ID 91. Philosophy of Culture ............................................. 3
ID 92. Senior Integration Project ......................................... 2
Phy 131-132. General Physics ............................................ 8
Mat 145. Calculus With Analytic Geometry I ........................ 4
His 102. Trans-Atlantic Civilization ..................................... 4
Social Science (Psy 303 is recommended) ............................ 8
PE 51-52. Health and Physical Education .............................. 2
PE 55. First Aid and Personal Safety .................................... 1

Teaching Field
Che 121-122. General Chemistry ......................................... 8
Che 323-324. Organic Chemistry ......................................... 8
Che 325-326. Analytical Chemistry ..................................... 8
Che 425-426. Physical Chemistry ......................................... 8
Bio 111-112. General Biology ............................................ 8
Phy 333. Principles of Electronics ....................................... 3
Mat 146, 247. Calculus With Analytic Geometry II, III ............ 8

Professional Education
Edu 201. Exploring Teaching ............................................ 3
Edu 221. Introduction to Education ..................................... 3
Edu 222. Educational Psychology ....................................... 3
Edu 361. Identification and Education of Elementary and Secondary Children with Special Needs ................... 3
Edu 411. Preparation and Utilization of Curriculum Materials 3
Edu 412/414. Designing Teaching/Learning Models .................. 3
Edu 422/424. Teaching Practicum ....................................... 8

Courses in Chemistry
121-122. General Chemistry
An introduction to the science of chemistry with special emphasis on fundamental chemical principles and their applications. Physical chemistry including modern atomic theory is presented in the first semester. Descriptive chemistry including basic organic chemistry is covered during the second semester. Qualitative analytical procedures are included in the laboratory second semester. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00 per semester. Refundable breakage deposit: $10.00 per year. Eight units. Mr. Mehne.

323-324. 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. Reaction mechanisms and modern spectroscopic techniques are stressed. Prerequisite: Chemistry 121-122. Two hours lecture. Six hours laboratory. Laboratory fee: $15.00 per semester. Refundable breakage deposit: $20.00 per year. Eight units. Mr. Donaldson.

325-326. Analytical Chemistry
Coverage of the principles and applications of various analytical methods. Traditional volumetric and gravimetric techniques are treated first, followed by a study of modern instrumental techniques. Prerequisite: Chemistry 121-122. Two hours lecture. Six hours laboratory. Laboratory fee: $15.00 per semester. Refundable breakage deposit: $10.00 per year. Eight units. Mr. Mehne. (Offered alternate years)

422. Advanced Organic Chemistry
An intensive study of selected topics in organic chemistry.
Laboratory work consists of purification and systematic identification of organic compounds. Prerequisite: Chemistry 323-324. Two hours lecture. Six hours laboratory. Laboratory fee: $15.00. Refundable breakage deposit: $10.00 per year. Four units. Mr. Donaldson. (Offered on demand)

423. Biochemistry
The study of the chemistry of living organisms and life processes, including the chemistry of fats, carbohydrates, proteins, vitamins and hormones. Prerequisite: Chemistry 323-324. Three hours lecture. Three hours laboratory in alternate weeks. Laboratory fee: $15.00. Refundable breakage deposit: $10.00 per year. Four units. Mr. Donaldson. (Offered on demand)

425-426. Physical Chemistry
A study of the gaseous, liquid and solid states, solutions, elementary thermo-dynamics, chemical equilibria, electrochemistry, chemical kinetics and quantum mechanics. Prerequisite: Chemistry 325-326, Physics 131-132, Mathematics 145-146 or consent of instructor. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00 per semester. Refundable breakage deposit: $10.00 per year. Eight units. Mr. Mehne. (Not offered 1979-80)

Computer Science

To provide opportunities for faculty members to investigate possible applications of the computer to instruction.

These goals reflect strongly the college’s purposes. The program’s mission is the provision of support skills and courses for students entering a technologically complex society. To be informed is essential to the quality of the Covenant College graduate and the placement of highly informed Christian leaders in today’s society.

Courses in Computer Science

[100. Introduction to Computer Science]

An introduction to modern computer systems, their applications and effects on society. The student is introduced to the structure of computer systems, the language of computer science, programming languages, artificial intelligence, hardware, software, man-machine interactions, power and control and the history and philosophy of computer science. Applications to the Christian community will also be examined. Three units. (Not offered 1979-80)

150. Introduction to Basic Programming

An introduction to computer programming using the basic language. The student learns to write and execute programs for applications in several disciplines. Topics covered include the structure and logic of the basic language, flowcharting and applications of the basic language. The student also compares two computer systems, examining the differences present when using them to execute a basic program. Laboratory fee: to be announced. Three units. Mr. Sizemore.

Economics

See Business Administration
Education

Requirements for Major in Elementary Education
(See Teacher Education Program.)

Requirements for Non-Teaching Minor in Education
Edu 221. Introduction to Education ........................................ 3
Edu 222. Educational Psychology ........................................ 3

Requirements for Major in Elementary Education
Edu 222. Educational Psychology ........................................ 3

Requirements for Teaching Minor in Education
(See Teacher Education Program.)

Courses in Education
(See Teacher Education Program.)

Engineering

In conjunction with Georgia Institute of Technology, Covenant College offers a dual degree program in engineering. The program includes three years at Covenant College and two years at Georgia Institute of Technology. Candidates who follow the program outlined below are eligible to seek any of the following degrees from the Engineering College of Georgia Institute of Technology:

- Bachelor of Aerospace Engineering
- Bachelor of Ceramic Engineering
- Bachelor of Chemical Engineering
- Bachelor of Civil Engineering
- Bachelor of Electrical Engineering
- Bachelor of Engineering Economic Systems
- Bachelor of Engineering Science
- Bachelor of Industrial Engineering
- Bachelor of Mechanical Engineering
- Bachelor of Nuclear Engineering
- Bachelor of Science in Textile Chemistry
- Bachelor of Science in Textiles
- Bachelor of Textile Engineering
- Bachelor of Science (Health Systems)

In the case of highly qualified students the Georgia Institute of Technology degree may be at the master's level.

Requirements for Major in Natural Science

Concentration in Pre-engineering Studies

Core Requirements (Details, including alternative courses, are given on page 11)
ID 31. Foundations of Modern Culture .................................. 4
ID 91. Philosophy of Culture ........................................... 3
ID 92. Senior Integration Project ........................................ 2

Bib 111, 113 or 129. Old Testament .................................... 3
Bib 142 or 148. New Testament ........................................ 3
Bib 277-278. Christian Doctrine ........................................ 6
Eng 11-12. English Composition ........................................ 4
His 102. Trans-Atlantic Civilization ................................... 4
Soc 141. Principles of Sociology or
Psy 100. General Psychology ........................................... 3 or 4
ID 36. Perspectives on the Arts ......................................... 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents ................... 3
Language sequence ...................................................... 6-8
PE 51-52. Health and Physical Education ............................. 2
PE 55. First Aid and Personal Safety ................................... 1
Social Science electives (to meet degree requirements of Georgia Institute of Technology) ....... 9 or 8

Major and Supporting Course Requirements
Che 121-122. General Chemistry ....................................... 8
Psy 131-132. General Physics .......................................... 8
Phy 332. Analytical Mechanics ......................................... 4
Physics elective .......................................................... 4
Mat 145-146. Calculus I, II ............................................. 8
Mat 247. Calculus III ................................................... 4
Mat 348. Elementary Differential Equations .......................... 4

Note: A minimum of 96 units must be taken before enrolling at Georgia Institute of Technology. Therefore, depending on the language sequence selected, the above program will need to be supplemented by 1 to 3 hours of electives.

For additional information, see Mr. Keister.

English

English Department Goals

The Department of English seeks to help students understand, appreciate, and use responsibly God's gift of language. In its courses the department strives to develop a Christian awareness of the issues and problems in each area of language use and to work toward Christian answers. Specifically, it aims

1. in composition and speech courses to teach students how to generate, organize, and communicate ideas clearly, correctly, and effectively as well as how to analyze and evaluate the ideas of others;

2. in the study of linguistics to help students understand language as part of the God-given structure of reality and the relationship of language to other aspects of human life;

3. in literature courses to teach students how to approach and appreciate literary art forms, as products both of the creativity which is part of the image of God in man and of human beings living in particular cultures and employing particular literary techniques.

For general education:

For the general student the department provides the core courses in composition and the introductory course in literature, also the literature-in-translation courses and the course in linguistics which are part of the language option in the core. Interested and qualified students are encouraged to take advanced courses in composition and literature.
For the major field:

For English majors and minors the department offers a variety of courses in writing and literature. Writing courses focus on different types of communication through writing; literature courses cover literature of different types or genres, of different historical periods, and of several cultures. The curriculum is designed to enrich the lives of students and to prepare them for teaching English and language arts in elementary and secondary schools, for entering jobs where the ability to use language well is necessary (for example, journalism, advertising, editing, public relations), for undertaking graduate study in literature and related fields, and for entering professional schools such as seminaries or law schools. Students planning to go on to graduate school should consider taking the 36-hour major; those planning to enter professional schools should choose minors carefully.

Requirements for Major in English

Core Requirements (Details, including alternative courses, are given on page 11)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
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<td>2</td>
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<tr>
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<td>3</td>
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<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
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<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Phil 22. Logic or Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science sequence</td>
<td>8</td>
</tr>
<tr>
<td>Soc 141. Principles of Sociology or Psy 100. General Psychology</td>
<td>3 or 4</td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111. Introduction to Art or Mus 171. Introduction to Music</td>
<td>3</td>
</tr>
</tbody>
</table>

Language sequence.....................................................................................12-14
(A good reading knowledge of at least one modern foreign language, preferably French or German, is recommended)
PE 51-52. Health and Physical Education ........................................2
PE 55. First Aid and Personal Safety ................................................1

Major and Supporting Course Requirements, 36-Unit Major

/Eng 201........................................................................................................4
/Eng 203.......................................................................................................3
/Eng 235.......................................................................................................4
/Eng 245, 252, 302, 304. any combination totaling 4
/Eng 311, 318, or 331..............................................................................4
/Eng 334, 341, or 352..............................................................................4
/Eng 401. .................................................................................................2 or 4
/Eng 418 ...................................................................................................4
/English electives, 200 level or above* ............................................6-4

Undergraduate Assessment Program Examination in English

*If a student desires a minor, the electives may be omitted for a 30- or 32-unit major.
Majors should consider as desirable elective courses in the fields of history and philosophy.

Requirements for Minor in English

English 201..................................................................................................4
English 235, 245, 252, 302, 304. any combination totaling 4
Literature electives* .............................................................................8

*At least 4 literature units must be 300-level or above; 418 is recommended.

Requirements for Georgia Secondary School Certification

Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tr>
<td>ID 31. Foundations of Modern Culture</td>
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<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
</tbody>
</table>
| Language sequence...............................................................................6
| ID 36. Perspectives on the Arts                                      | 1     |
| Art 111. Introduction to Art or Mus 171. Introduction to Music        | 3     |
| Social Science (Psy 303 is recommended)                              | 8     |
| PE 51-52. Health and Physical Education                             | 2     |
| PE 55. First Aid and Personal Safety                                | 1     |

Teaching Field

Normal English major including 252 and 304 ....................................30-32
Edu 326. Fundamentals of Reading ..................................................4

Professional Education

/ Edu 201. Exploring Teaching ..........................................................3
/ Edu 221. Introduction to Education ................................................3
/ Edu 222. Educational Psychology ...................................................3
/ Edu 361. Identification and Education of Elementary and Secondary Children With Special Needs ..........................................................3
/ Edu 411. Preparation and Utilization of Curriculum Materials ............3
/ Edu 412/414. Designing Teaching/Learning Models .............................3
/ Edu 422/424. Teaching Practicum ...................................................8

Elective ....................................................................................................2
Courses in English

**Courses in Writing and Speech**

**11. English Composition I**

The student's goal in this course is to learn to write effective expository prose. There will be experiences for increasing language awareness, for building a fund of ideas, for organizing thought, for writing and re-writing, for analyzing and evaluating, and for sharing writing. Emphasis will be placed on gaining proficiency in the writing of sentences, paragraphs, and short essays. Fall and spring semesters. Two units.

**12. English Composition II**

A continuation of English 11, with special emphasis on the writing of essays and the preparation of a library research paper. Students who score well on the English placement test will bypass English 11 and take only this course. Fall and spring semesters. Two units.

[245. Journalism]

An introductory course, designed to help students acquire and practice writing skills, and to encourage the development of a Christian perspective on news gathering and news writing. Spring semester. Two units. (To be offered 1980-81)

**252. Speech Communication**

An introduction to interpersonal communications and basic techniques of effective public speaking, prepared and extemporaneous speaking, dialogue and discussion. Spring semester. Four units.

**302. Advanced Writing**

A course in various forms of non-expository composition. Prerequisite: exemption from English Composition, or English Composition with a grade of B or higher, and special permission of the instructor. Spring semester. Two units. Mr. Barker.

**304. Advanced Composition**

A course in the analysis and practice of prose composition. The emphasis will be on expository writing, such as the informal and formal essay, reviews and critiques. Enrollment limited to 15 students, ordinarily not open to freshmen; priority is given to students who have already shown competency and promise in writing and to English majors who seek Georgia Secondary School Certification. Fall semester. Two units. Mr. Hesselink.

Courses in Language and Literature

**112. Introduction to Literature**

An introduction to the enjoyment and understanding of plays, poems, and works of fiction. Works studied will reflect human concerns and ideas in various cultures; special attention will be given to modern literature and a Christian understanding of our own culture. For students not majoring or minoring in English. To be taken with ID 36 for core credit. Three units. Spring semester. Mrs. Schoner.

**201. Introduction to Literary Studies**

A study of representative masterworks from the literature of England. Designed especially for prospective English majors and minors, this course will introduce students to the major genres of literature, enhance their ability to read with enjoyment and understanding, and give them practice in analyzing and writing about works of literature. Four units. Fall semester. Mr. Hesselink.

**203. American Literature**

A survey of American literature from colonial times to the present, with special emphasis on nineteenth-century works. This literature will be studied in terms of cultural, social, and historical events and trends that helped to shape it. Spring semester. Four units. Mrs. Schoner.

**210. Classical Literature**

A study of ancient Greek and Roman literature in English translation, with emphasis on the epic and the drama. Attention will be given to the development of Greek and Roman thought. A language-option course. Four units. (Not offered 1979-80)

**211. European Literature in English Translation**

The study of works from European literature since the classical era. The focus may be on a single major author (e.g., Dante, Cervantes, Goethe), on a national literature (French, Russian, etc.), on a particular form of literature (drama, novel, romance, etc.), or on a particular idea (the image of man, concepts of society, etc.). A language-option course. Four units. (Not offered 1979-80)

**220. Modern Drama**

A study of European, English, and American masterpieces of drama from Ibsen to the present, and of the movements they represent. A language-option course. Four units. (Not offered 1979-80)

**235. Introduction to Linguistics**

An introduction to modern linguistics, especially structural and transformational-generative grammar. The course will also acquaint the student with geographic and social varieties of language, as well as the relation of language to other fields, such as education and sociology. Some attention will be given to the historical development of the English language. A language-option course. Fall semester. Four units. Mr. Hesselink.

**299. Special Topics in English I**

A sophomore-level study of material not treated elsewhere in the curriculum. Topics may include the following: C. S. Lewis and J. R. R. Tolkien, the mass media, literature and contemporary problems, drama workshop. The topic for 1979-80 is practical criticism. Spring semester. Two units.

**308. The Novel**

A study of the rise of the English novel in the eighteenth century and of its flourishing in the nineteenth century. Selected nineteenth-century American novels will also be studied. Prerequisite: Eng 112, 201, 203, or permission of the instructor. Four units. (To be offered 1980-81)

**311. Chaucer and the Middle Ages**

A study of the art of Chaucer and his contemporaries, with some attention to the social and literary backgrounds of their work. The works of Chaucer will be read in Middle English, the other works in Modern English translations. Prerequisite: Eng 112, 201, or 203, or permission of the instructor. Spring semester. Four units. (Not offered 1979-80)

**318. The Renaissance**

A study of the works of the important writers of the period, with special attention given to Spenser, Jonson, Donne, and Milton. Prerequisite: Eng 112, 201, or 203, or permission of the instructor. Four units. (To be offered 1980-81)

**331. The Restoration and Eighteenth Century**

A study of major writers of the period, including Dryden, Swift, Pope, Johnson, and selected dramatists. Prerequisite: Eng 112, 201, or 203, or permission of the instructor. Four units. (To be offered 1980-81)

**334. The Romantic Movement**

A study of the English Romantic writers from Blake to Keats. Prerequisite: Eng 112, 201, or 203, or permission of the instructor. Fall semester. Four units. Mrs. Schoner.

**341. The Victorian Era**

A study of major English writers from 1830 to the end of the century. Prerequisite: Eng 112, 201, or 203, or permission of the instructor. Four units. (To be offered 1980-81)
[352. Twentieth Century Literature]
A study of representative works of poetry and fiction in English and American literature from 1900 to the present. Prerequisite: Eng 112, 201 or 203, or permission of the instructor. Four units. (To be offered 1980-81)

366. Literature for Children and Adolescents
A course designed to explore the vast resources in children's literature and to show appropriate ways of making literature a delight at any age. May be taken for credit in either English or education. Spring semester. Three units. Mr. Hekman.

399. Independent Study
Designed for the student who has demonstrated potential ability for independent study, this course allows him to choose and to explore, under the guidance of an instructor, an area of literature or language not fully covered in available courses. Credit to be determined in each case; maximum credit, three units per semester.

401. Special Topics in English II
This course offers opportunities for concentration in various topics of interest within the discipline. The topic for 1979-80 is Milton’s poetry; other topics that may be offered include literary criticism, American studies, advanced linguistics, and the sociology of mass media, for two or four units. Prerequisite: open to English majors and minors with junior or senior standing, to others only with the permission of the instructor. Fall semester. Two units. Mrs. Schoner.

418. Shakespeare
A study of Shakespeare’s dramatic and literary art. Prerequisite: Eng 112, 201 or 203, or permission of the instructor. Spring semester. Four units.

Foreign Language

Foreign Language Department Goals
To aid students in
(1) gaining some knowledge and appreciation of languages other than English; that is, their linguistic structure, and the cultures and literatures that make use of these languages;
(2) developing some skill in using the foreign language as a tool for effective communication and/or research;
(3) reaching some understanding of language as:
a. an important aspect of man’s being created in the image of God, and
b. a basic means of expressing God’s love and salvation in a meaningful and personal way.
See French, German, Greek, Spanish

French

For departmental goals, see Foreign Language.

Core Requirement in Language
The options for fulfilling the language requirement are indicated in the description of the core curriculum on page 11. The language requirements for specific major programs should be checked with the department involved.

All students who have already begun French in high school and who wish to fulfill the foreign language requirement in French will be placed by an examination given at the beginning of the semester.

Requirements for Minor in French
Fr 331. Advanced French Grammar and Composition ........... 3
Fr 332. French Phonetics and Diction .................. 3
Fr 333. Advanced French Conversation and Reading Practice 3
Fr 334. Introduction to French Literature .................. 3

Courses in French
61-62. Elementary French
An introduction to the French language, with extensive practice in pronunciation, simple conversation, aural comprehension, fundamentals of grammar and reading short passages. Basic sentence patterns and grammatical principles will be reinforced through a great many oral drills and written workbook exercises. Eight units. Mr. Shaw.
Continued development of skills in speaking, understanding, reading, and writing French, through an extensive review of grammar, selected readings in French literature and culture, conversational practice, vocabulary development and guided writing of compositions. Six units. Mr. Shaw. (Not offered 1979-80)

331. Advanced French Grammar and Composition
A study of fine points of grammar, with extensive writing practice on informal and formal topics, to develop facility in expressing oneself correctly in written form. Prerequisite: French 63-64 or equivalent. Three units. Mr. Shaw.

[332. French Phonetics and Diction]
A detailed study of fine points of pronunciation with extensive oral practice, to develop a more correct pronunciation and accent.

German

For departmental goals, see Foreign Language.

Core Requirement in Language

The options for fulfilling the language requirement are indicated in the description of the core curriculum on page 11. The language requirements for specific major programs should be checked with the department involved.

All students who have already begun German in high school and who wish to fulfill the foreign language requirement in German will be placed by an examination given at the beginning of the semester.

Courses in German

71-72. Elementary German
An introduction to the German language, with extensive practice in pronunciation, simple conversation, aural comprehension, fundamentals of grammar and reading short passages. Basic sentence patterns and grammatical principles will be reinforced through a great many oral and tape-recorded drills. Eight units. Mr. Dameron.

73-74. Intermediate German
Continued development of skills in speaking, understanding, reading, and writing German, through an extensive review of grammar, selected readings in German short stories, conversational practice, vocabulary development and guided writing of compositions. Six units. Mr. Shaw.

Greek

For departmental goals, see Foreign Language.

Core Requirement in Language

The options for fulfilling the language requirement are indicated in the description of the core curriculum on page 11. The language requirements for specific major programs should be checked with the department involved.

Requirements for Minor in Greek

Gr 301. Classical Greek..................................................3
Gr 310. Advanced Syntactical Studies..................................3
Gr 311. Translation of the English Bible..................................3
Gr 320. Advanced Lexical Studies.........................................3

Courses in Greek

75-76. Elementary Greek
An introduction to Ancient Greek with an emphasis on word formation, vocabulary, and basic syntax. Materials from both the Classical and Koine periods are studied. Eight units. Mr. Mawhinney.

77-78. Intermediate Greek
Continued study of New Testament Greek. Emphasis is placed on vocabulary and syntax. Six units. Mr. Mawhinney.

301. Classical Greek
Readings in the fifth-century dramatists. Prerequisite: Greek 77-78. Three units. Mr. Mawhinney.

[310. Advanced Syntactical Studies]
A detailed study of selected portions of text from the Greek New Testament, with an emphasis on the method of investigating syntactical problems. Prerequisite: Greek 77-78. Three units. Mr. Mawhinney. (Not offered 1979-80)

[311. Translation of the English Bible]
This course consists of: (1) a survey of the history of the translation of the English Bible and (2) a detailed study of the principles
and techniques of translation by means of an evaluation of two versions. Prerequisite: Greek 77-78. Three units. Mr. Mawhinney. (Not offered 1979-80)

Health Professions

See Natural Science: Requirements for Associate of Arts Degree in Basic Health Sciences

Historical Studies

Historical Studies Departmental Goals

The history department at Covenant College offers a major and minor in courses largely within the field of western civilization. Courses in the history of the Christian Church, and of Far Eastern civilizations are available. For mature students independent study courses are available to cover areas of interest not offered in the classroom.

Believing that human culture is fundamentally an outworking of a faith commitment expressed in a pattern of ideas, beliefs, and values as embodied in a particular institutional system, Historical Studies at Covenant makes that focus the framework of its reconstruction and analysis of the past. Furthermore a key aspect of this approach is centered in the concept of the unfolding or development of human culture. That study proceeds with the recognition that the Christian motifs of creation, fall and redemption culminating in the cross of Jesus Christ in history form a larger background within which the cultural response of man takes place.

For general education:

It is the aim of the history department to help each student who takes required history courses to understand the shape and the dynamics of his own society, and to think historically about the past according to the perspective outlined above.

320. Advanced Lexical Studies

This course consists of: (1) a survey of the various approaches to Greek lexicography and (2) a detailed study of selected works. Prerequisite: Greek 77-78. Three units. Mr. Mawhinney.

For the major field:

Majors are further assisted to develop a deeper understanding of certain aspects of the past and to think critically about the issues and problems of teaching and writing history as Christians. To that end the courses in historiography and historical research are required for majors. Majors in history can lead to career opportunities in teaching, journalism, law, the gospel ministry and any field where a liberal arts education is desirable. For further information the student is urged to consult with the department of historical studies or the office for vocational counseling.

Requirements for Major in Historical Studies

Core Requirements (Details, including alternative courses, are given on page 11)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>Bib 111, 113 or 129. Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148. New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Phi 21. Logic or Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Laboratory Science sequence</td>
<td>6</td>
</tr>
<tr>
<td>Soc 141. Principles of Sociology or Psy 100. General Psychology</td>
<td>3 or 4</td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111. Introduction to Art or Mus 171. Introduction to Music or Eng 112. Introduction to Literature or Eng 366. Literature for Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>Language sequence</td>
<td>12-14</td>
</tr>
<tr>
<td>PE 51-52. Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 55. First Aid and Personal Safety</td>
<td>1</td>
</tr>
</tbody>
</table>

Major and Supporting Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>His 211, 212. History of the United States</td>
<td>6</td>
</tr>
<tr>
<td>His 300, 301. Historiography and Research</td>
<td>5</td>
</tr>
<tr>
<td>His 307. Europe, 1789 to the Present</td>
<td>3</td>
</tr>
<tr>
<td>History electives (at least one seminar is recommended)</td>
<td>15*</td>
</tr>
</tbody>
</table>

Undergraduate Program Examination in History

*For majors without a minor, 24 units are required.
Requirements for Minor in Historical Studies
His 212. History of the United States .......................... 3
History electives (300-level or above) .......................... 9

Requirements for Georgia Secondary School Certification
Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education
ID 31. Foundations of Modern Culture .......................... 4
Bib 111, 113, or 129. Old Testament .......................... 3
Bib 142 or 148. New Testament .................................. 3
Bib 277-278. Christian Doctrine .................................. 6
Eng 11-12. English Composition .................................. 4
Language sequence .................................................. 6
ID 59. Perspectives on the Past .................................. 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents ........ 3
ID 91. Philosophy of Culture ....................................... 2
ID 92. Senior Integration Project ................................. 2*
Laboratory science sequence ...................................... 8
Mathematics .......................................................... 4
His 102. Trans-Atlantic Civilization .............................. 4
Social Science (Psy 303 is recommended) ....................... 8
PE 51-52. Health and Physical Education ....................... 2
PE 55. First Aid and Personal Safety .............................. 1
*History majors who receive a grade of B or better on a research paper written for His 301 may be excused from ID 92.

Teaching Field
History courses (including work in ancient, medieval, modern, United States, Georgia, historiography and historical research) ........ 27
Economics, Geography, or Political Science ..................... 3

Professional Education
Edu 201. Exploring Teaching ...................................... 3
Edu 221. Introduction to Education ................................ 3
Edu 222. Educational Psychology ................................ 3
Edu 321/331. Curriculum Theory and Development ............ 3
Edu 361. Identification and Education of Elementary and Secondary Children with Special Needs ......................... 3
Edu 411. Preparation and Utilization of Curriculum Materials 3
Edu 412/414. Designing Teaching/Learning Models .............. 3
Edu 422/424. Teaching Practicum .................................. 8
Elective ............................................................. 6

Courses in Historical Studies
102/102B. Trans-Atlantic Civilization
A thematic study of the history of Europe and the United States since the American and French Revolutions. A comparative study, this course will focus on common themes within the similar yet distinct historical contexts of Europe and America. During the course methodological questions of historical fact and interpretation in their relationship to the Christian faith will also be considered. For students who have already earned college credit in European and United States History, the one-hour course (102B) is designed to provide a Christian perspective. Four units for 102; one unit for 102B. Mr. Austin and Mr. Voskuil.

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. Three units. Mr. Austin.

211, 212. History of the United States
A synthesis of the political, social, cultural, and religious phases of American life. First semester to 1865; second semester since 1865. (These courses are offered every alternate year on campus and every summer by correspondence. The on-campus offerings emphasize an interpretive approach, whereas the summer correspondence courses are more factually oriented. Students should ascertain which approach would be more beneficial and select the appropriate offering.) Open to freshmen. Three units each semester. Mr. Austin.

213. History of Georgia
A brief survey of Georgia history. Designed to meet Georgia teacher certification requirements. Two units. Mr. Austin. (Not offered 1979-80)

300, 301. Historiography and Research
A course designed for historical studies majors in their junior year. The student is exposed to the problems of historiography who receive special attention given to the Christian approach to and interpretation of history. The course includes familiarization with the tools and techniques of historical research and requires their application in the form of a written presentation. Required of historical studies majors and interdisciplinary majors who select additional hours in historical studies. Three units first semester; two units second semester. Mr. Austin and Mr. Voskuil.

302. England Since 1485
A study of the formation of Anglicanism in its Tudor form, the struggle between the Stuarts and Parliament and the gradual secularization of Anglicanism in the eighteenth century. Victorian England is studied as a transition period to the twentieth century social democracy. The stress falls on constitutional, ecclesiastical, social and intellectual developments. Prerequisite: Historical Studies 102 or permission of the instructor. Three units. Mr. Voskuil. (Not offered 1979-80)

303. Ancient Greece and Rome
A study of Bronze Age Greece, the rise and formation of the Greek city-state, the impact of Alexander the Great, and the institutions of the Hellenistic world. Attention will then shift to Rome, to the rise and development of the Republic, the transition to Empire and its eventual disintegration. An attempt will be made to understand the character of classical humanism as it came to be expressed in the early Roman empire. Three units. Mr. Voskuil.

304. Medieval Civilization
The medieval world is studied as a civilization in its own right, having its own particular values and institutional structure. The course begins with the Germanic invasions of the western Roman empire and ends with the decline of the church in the fourteenth century. Attention will focus on the development of the concept of a united Christian society and the accompanying cultural differentiation. Three units. Mr. Voskuil. (Not offered 1979-80)

305. The History of Political Theory
A one semester study of the major political theorists of the West, for example, Plato, Aristotle, Cicero, Augustine, Aquinas, Machiavelli, Bodin, Locke, Rousseau, J. S. Mill, Burke, Marx. Representative figures will be studied rather than the entire tradition of western theory. Considerable attention will be devoted to the natural law tradition. Three units. A fourth unit of credit may be earned by the writing of an additional paper. Mr. Voskuil. (Not offered 1979-80)

306. Europe, 1400-1789
A topical study of European history. The emphasis will fall on trans-national developments such as secular humanism, church reform, state absolutism, the rise of science, Enlightenment rationalism, and the like. Prerequisite: Historical Studies 102 or the permission of the instructor. Three units. Mr. Voskuil.
[307. Europe Since 1789]
A study of European history from the French Revolution to the present. Emphasis falls on the French Revolution and its European impact, the revolution in modern life created by the rise of industry and technology, the role of ideas in modern society, the nature of twentieth-century totalitarian systems, and the shape of contemporary society. Three units. Mr. Voskuil. (Not offered 1979-80)

[308. Modern Russia]
A study of Russia since Peter the Great. Emphasis will be on the structural character and the ideals of Tsarist Russia, the growing revolutionary movement and the development of Marxist society. Prerequisite: Historical Studies 102 or permission or the instructor. Three units. Mr. Voskuil. (Not offered 1979-80)

309. Modern Germany
A study of the major themes of German history since the Protestant Reformation. The study will focus largely on those aspects of German history which will help the student to understand Germany's role in the twentieth century. Conducted largely as a reading tutorial. Prerequisite: Historical Studies 102 or permission of the instructor. Three units. Mr. Voskuil.

311. History of the Christian Church
A one semester historical survey of the life and thought of the Christian Church in its political and social environment. Attention will be focused on critical periods of the church's development such as its early formation within the Roman Empire, its role in medieval civilization, the sixteenth century reform, modern revivals, and the like. Course work will stress source reading and short reports. Three units. A fourth unit of credit may be earned by the writing of an additional paper. Mr. Voskuil.

313. Colonial America
A study of early American history with emphasis on the European settlement of North America and the social, political, and cultural development of the American colonies to 1763. Prerequisite: Historical Studies 211 or permission of the instructor. Three units. Mr. Austin.

314. American Revolution
A detailed analysis of the period from 1763 to 1783. Attention will be given to the political and military events leading up to and including the Revolutionary War, with emphasis placed upon the various interpretations. Three units. Mr. Austin.

[315. Recent American History]
An in-depth study of twentieth-century U.S. history with stress upon domestic problems and programs. Prerequisite: Historical Studies 212 or permission of the instructor. Three units. Mr. Austin. (Not offered 1979-80)

[316. U.S. Constitutional History]
A study of the origins of the political theory expressed in the constitution with special attention given to the constitutional convention and an examination of significant supreme court decisions which interpret the constitution. Three units. A fourth unit of credit may be earned by the writing of an additional paper. Mr. Austin. (Not offered 1979-80)

[319. The History of American Democratic Theory]
This course traces the development of the American democratic ideal throughout the history of the United States with emphasis placed upon significant redefinitions and reformulations of that ideal. Three units. A fourth unit of credit may be earned by the writing of an additional paper. Mr. Austin. (Not offered 1979-80)

[321 (221). History of American Presbyterianism]
An historical analysis of the origins and development of American Presbyterianism with special attention paid to the events which led to the formation of such Reformed bodies as the Reformed Presbyterian Church, Evangelical Synod and the Orthodox Presbyterian Church. Students who are not history majors or do not need upper-division credit may elect 221, in which certain requirements are less demanding. Three units. (Not offered 1979-80)

[332. History of the Modern Far East]
A study of China, Korea, and Japan beginning with their nineteenth century interaction with the West. Brief consideration will be given to cultural background, but the major focus will be on the confrontation of the past two centuries with western ideology, western culture, and Christian thought and their formative influence on the modern societies of the Far East. Three units. Mr. Young. (Not offered 1979-80)

350. Summer Reading Seminar
Guided readings in historical topics. Three units.

399. Directed Studies in U.S. History
Individually directed studies in one of the following areas in which the student will survey the literature in the field and will deal with major historiographical and interpretive problems: (a) the South, (b) the West, (c) diplomacy, (d) religion, (e) war, (f) great American historical writings. Three or four units. Mr. Austin.

400. Independent Study
Independent study in history may be pursued by qualified students in accordance with established guidelines. See this catalog, page 13.

[401. Studies in U.S. History]
Advanced studies in selected topics (e.g. the Federalist Era, Civil War, New Deal, etc.) in American history. This course is conducted as a seminar with a limited enrollment and consists of extensive reading accompanied by written and oral presentations by the student. The topic varies each year and the course may be taken more than once. Prerequisites: appropriate lower level courses in American history and permission of the instructor. May be taken for either three or four units. Mr. Austin. (Not offered 1979-80)

409. Seminar in Modern Europe
Seminar on topics in European history, the emphasis of which will fall on the period since World War I. Prerequisite: Historical Studies 102 and six hours of upper level history study. May be taken for either three or four units. Mr. Voskuil.

[411, 412. American Social and Intellectual History]
These courses trace the development of American thought in religion, philosophy, education, social reform, political theory, and related fields with consideration given to social values and conduct. Prerequisite: Historical Studies 211 and 212 or permission of the instructor. Three units each semester. Mr. Austin. (Not offered 1979-80)
Interdisciplinary Studies

Interdisciplinary Studies Goals

For the student wishing to explore more disciplines than would normally be provided by selecting a major and a minor field, the interdisciplinary major gives the option of broader coverage. This may give him a better basis for such careers as advertising, business, elementary education, law, or the ministry. At the same time, the interdisciplinary major should not be viewed as an escape from choosing a major in a single academic discipline. The student should realize that, though the interdisciplinary major seeks to provide some depth in each of three academic disciplines, it will not give him the same in-depth grasp of a discipline that choice of a major in a single field would. The major in interdisciplinary studies emphasizes studies in the humanities and social sciences, so does not give him the same in-depth grasp of a discipline that choice of a major in a single field would. The major in interdisciplinary studies may give him a better basis for such careers as advertising, business, elementary education, law, or the ministry.

Acceptance into the Interdisciplinary Major

Each student seeking a major in interdisciplinary studies must make written application to the interdisciplinary committee. This application will include a clear statement of the student's goals and an explanation of how those goals will best be fulfilled by an interdisciplinary major. Those seeking certification should follow the application procedures outlined on page 52 under Teacher Education Program.

The student should understand both what an academic discipline is and what the advantages and disadvantages of pursuing an interdisciplinary major are.

An academic discipline is a theoretical study that seeks to analyze a specific aspect of God's creation or of man's cultural response. It goes beyond merely introductory studies and is separate from those studies that are solely vocational in emphasis and from those that are simply tools to be used for analytical study.

Requirements for Major in Interdisciplinary Studies

Core Requirements (Details, including alternatives courses, are given on page 11)

ID 31. Foundations of Modern Culture ................................................. 4
ID 91. Philosophy of Culture .............................................................. 3
ID 92. Senior Integration Project ......................................................... 2
Bib 111, 113, or 129. Old Testament ................................................... 3
Bib 142 or 148. New Testament ......................................................... 3
Bib 277-278. Christian Doctrine ......................................................... 6
Eng 111-12. English Composition ....................................................... 4
Phi 21. Logic or Mathematics ............................................................. 3
His 102. Trans-Atlantic Civilization ..................................................... 4
Laboratory Science sequence ............................................................... 8
Soc 141. Principles of Sociology or
Psy 100. General Psychology .............................................................. 3 or 4
ID 36. Perspectives on the Arts ............................................................ 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents ..................................... 3
Language sequence. ........................................................................... 12-14
PE 51-52. Health and Physical Education ........................................... 2
PE 55. First Aid and Personal Safety ..................................................... 1

Major and Supporting Course Requirements

Discipline of concentration ................................................................. 18 (minimum)
Second discipline ........................................................................... 12 (minimum)
Third discipline ............................................................................. 12 (minimum)
Undergraduate Program Examination in Discipline of Concentration
At least 21 units must be 300-level or above.
Students who cannot meet specific course requirements in a chosen discipline may have alternate courses approved.

Specific Requirements in Art

Art 301, 302. Art History ................................................................. 6
Art 303, 304. Oil Painting ................................................................. 3
Art electives (201, 202, 203, 204, 303, or 304) ...................................... 3
Phi 306. Philosophy of Art ................................................................. 3

Specific Requirements in Biblical Studies and Missions

Bib 272. Hermeneutics .................................................................. 3
Bible "book study" courses ................................................................. 6
Missions elective .............................................................................. 3
Bib 376. Christian Apologetics or 371. Ethics or
Bib 487. Modern Theology ...............................................................
Bib 383. History of Christianity or
385. History of Dogma ................................................................. 3

Specific Requirements in Education

Eng 201. Exploring Teaching ............................................................ 3
Eng 221. Introduction to Education .................................................... 3
Eng 222. Educational Psychology ...................................................... 3
Eng 321/331. Curriculum Theory and Development ............................ 3
Eng 412/414. Designing Teaching/Learning Models .............................. 3
Education electives ......................................................................... 6

Specific Requirements in English

Eng 201 or 202 .............................................................................. 3
Eng 203 or 307 .............................................................................. 3-4
Eng 310, 317, 322, 333, 334, 341, or 352 .............................................. 3
Eng 406, 418 (recommended), or 423 .................................................. 3
Eng 235, 245, 252, 258, 302, or 304 ................................................... 3
English elective ................................................................................. 3

Specific Requirements in Historical Studies

His 212. U.S. History Since 1865 ......................................................... 3
His 300, 301. Historiography and Research ........................................... 5
Historical Studies electives (300-level or above) ................................... 12

Specific Requirements in Mathematics

Mat 247. Calculus III ................................................................... 4
Mat 341. Modern Algebra I ............................................................... 3
Mat 342. Modern Algebra II ............................................................. 3
Mat 343. Modern Geometry ............................................................ 3
Mat 347-348. Differential Equations ................................................... 8
Mathematics electives (342, 343, 347, 348) ....................................... (min.) 6

33
Specific Requirements in Music
Mus 161. Theory I 4 4
Mus 371. Music History 3 3
Music Literature 2 2
Music electives 9 3

Specific Requirements in Philosophy
Phi 203. Ancient Philosophy, or 3 3
Phi 204. Modern Philosophy
Phi 201. Ethics, or 3 3
Phi 202. Philosophy of Religion
Philosophy electives 12 6

Specific Requirements in Psychology
Psy 100. General Psychology 4 4
Psychology electives 20 12

Specific Requirements in Sociology
Soc 141. Principles of Sociology 3 3
Soc 244, or 344. (Social interaction) 3 3
Soc 241, 246, or 345. (Social concerns) 3 3
Soc 341, 342, or 343. (Social institutions) 3 3
Sociology electives (One course from each of two groups above) 6

Courses in Interdisciplinary Studies

31. Foundations of Modern Culture
A survey of Christian principles which provide a perspective for evaluating modes of thought from which modern values and cultures have developed. Following an introduction to the Biblical foundations of this perspective there will be an analysis of great ideas from the fields of philosophy and science. The course will include an overview of the ways in which Christians have understood the relation between their faith and ethics and the values of a secularized society. Four units. Mr. Hoover.

36. Perspectives on the Arts
An introduction to general aesthetic questions and to Christian perspectives on human artistic expressions. To be taken in conjunction with Art 111, Music 171, English 112, or English 366. One unit.

91. Philosophy of Culture
A survey of the system of doctrine taught in the Scriptures with a view toward seeking solutions for the problem of the relationship between Christ and culture. The course will include lectures and student forums. Three units. Mr. Anderson.

92. Senior Integration Project
The student will be expected either to prepare a written thesis or project, which will provide an opportunity to explore and analyze a problem, ordinarily from the student's major field, in the light of Christian philosophy, or to engage in discussions on topics derived from a select list of readings in the history of thought significant for Christianity. Students seeking permission to take this course outside their major field must take the following steps: (1) prepare a written proposal explaining both their project and their reasons for undertaking it outside of their major field, (2) secure the written approval of a first reader, (3) secure the written approval of the department of their major field, and (4) submit the approval to the professor in charge of ID 92 by the appropriate deadline. Two units. Mr. Anderson.

201. Career/Life Planning
A small group context for discovering and integrating information regarding values, abilities, gift(s), interests, the world of work, and Biblical principles regarding work and vocation with the goal of effective career decision-making. Enrollment open to second semester freshmen through seniors. Fall and spring semesters. Two units. Ms. Midkiff.

[271. History and Culture of Black Americans]
The black man in America, his history, his cultural accomplishments, and the social problems that have accompanied him. Enrollment open to freshmen with permission. Spring semester. Three units. (Not offered 1979-80)

[281 (381). Environmental Studies]
The Biblical principles upon which environmental problems are to be evaluated. Current misuse of environment: air, water. Population growth. Methods of conservation. Federal, state, and local control and abatement activities. May be taken for upper division credit. Three units. Mr. Wenger. (Not offered 1979-80)

Law

See Pre-law Studies

Library Science

Course in Library Science
[201. Introduction to Library Science]
A survey of the field of library science, including the history of librarianship, the role of libraries in society, and career opportunities. Major emphases will be on materials selection and acquisition, the use of basic reference tools, and the principles of cataloging and classification. There will be some in-library workshop periods. This course should be of particular interest to those who anticipate graduate work in library science, but useful also for any student wanting to make full use of library facilities. Two units. Mrs. Slenker. (Not offered 1979-80)
Mathematics

Mr. Keister with students.

Mathematics Department Goals
The primary goal of the mathematics department is an ancillary one where services are provided as needed for majors in areas other than mathematics (for example, biology, chemistry, and the dual degree program in engineering).

An indirect aim of the department is to teach an exactness of thinking, logic, and technical skill, so that the students involved can better appreciate the exactness and depth of the infinite mind of God.

Requirements for Minor in Mathematics
Mat 145-146. Calculus I, II .......................................................... 8
Mat 247. Calculus III ................................................................. 8
Mathematics electives (300-level of above) ................................ 4

Dual Degree Program with Georgia Institute of Technology
This five-year program leads to a B.A. from Covenant and a B.S. in Information and Computer Science or a B.S. in Applied Mathematics from Georgia Tech. The program includes three years at Covenant College and two years at Georgia Institute of Technology. Candidates who follow the program outlined below are eligible to seek the degree of Bachelor of Science in Applied Mathematics from the General College of Georgia Institute of Technology. In the case of highly qualified students the Georgia Institute of Technology degree may be at the master's level.

Requirements for Major in Natural Science Concentration in Mathematics
Core Requirements (Details, including alternative courses, are given on page 11)
ID 31. Foundations of Modern Culture ...................................... 4
ID 91. Philosophy of Culture ..................................................... 3
ID 92. Senior Integration Project ................................................ 2
Bib 111, 113, or 129. Old Testament ....................................... 3
Bib 142 or 148. New Testament ............................................... 3
Bib 277-278. Christian Doctrine .............................................. 6
Eng 11-12. English Composition ............................................. 4
His 102. Trans-Atlantic Civilization ......................................  4
Soc 141. Principles of Sociology or Psy 100. General Psychology  3 or 4
ID 36. Perspectives on the Arts ................................................ 1
Art 111. Introduction to Art or Mus 171. Introduction to Music or Eng 112. Introduction to Literature or Eng 366. Literature for Children and Adolescents ................... 3
Language sequence ........................................................................ 6-8
PE 51-52. Health and Physical Education ................................ 2
PE 55. First Aid and Personal Safety ........................................ 1
Social Science electives (to meet degree requirements of Georgia Institute of Technology) .............................................. 9 or 8
English Literature ......................................................................... 4

Major and Supporting Course Requirements
Phy 131-132. General Physics .................................................. 8
Mat 341-342. Modern Algebra ................................................... 8
Physics elective .............................................................................. 4
Mat 145-146. Calculus I, II ...................................................... 8
Mat 247. Calculus III ................................................................... 4
Mat 348. Elementary Differential Equations .............................. 4

Note: A minimum of 96 units must be taken before enrolling at Georgia Institute of Technology. The above program must be supplemented, therefore, by 1 to 3 additional units of electives, depending on the language sequence selected.

Courses in Mathematics
22. Fundamentals of Mathematics
Elementary set theory, the logical nature of mathematics, the real number system, topics of algebra, algebraic functions, and topics of geometry. This course serves to fulfill the college core requirement in mathematics. Four units. Mr. Keister.

141-142. Pre-calculus Mathematics
Algebraic, exponential, and logarithmic functions, analytic trigonometry, complex numbers, theory of equations, matrices and determinants, sequences and series, mathematical induction. Designed for freshmen who are not prepared to begin calculus. The first semester can fulfill the core requirement in mathematics. Six units. Mr. Mehne.

145-146. 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 142 or equivalent for 145. Mathematics 145 for 146. Eight units. Mr. Keister.

247. Calculus With Analytic Geometry III
A continuation of Mathematics 145-146. Vectors, and parametric equations, solid analytic geometry and vectors, partial differentiation, multiple integration, infinite series. Prerequisite: Mathematics 146. Four units. Mr. Keister.

251. Elementary Statistical Methods
An introductory course in statistical procedures used in scientific research investigations. Topics considered include the nature and importance of statistics, quantification, measurement, probability, elementary research design, the collection and scoring of research results, measures of central tendency and norms, correlational analysis, statistical inference, analysis of variance and the analysis of categories and ranks. Computer applications will be stressed. Prerequisite: high school algebra. Three hours lecture and two hours laboratory. Offered Fall. Laboratory fee: $10.00. Four units. Mr. Sizemore.

[341-342. 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 247 or consent of the instructor. Eight units. (Not offered 1979-80)

345-346. 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 247 or consent of the instructor. Eight units.

348. Elementary Differential Equations
First order differential equations, second and higher order linear equations, series solutions, the Laplace transform, systems of first order equations, linear second order boundary value problems. Prerequisite: Mathematics 247. Four units. Mr. Keister.
Medical Technology

See Natural Science: Requirements for Associate of Arts Degree in Basic Health Sciences

Medicine

See Pre-medicine

Ministerial Training

See Pre-ministerial Curriculum

Missions

Requirements for Major in Biblical Studies and Missions, Concentration in Missions

Core Requirements (Details, including alternative courses, are given on page 11)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 31</td>
<td>Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>ID 91</td>
<td>Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92</td>
<td>Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>Bib 111, 113, or 129</td>
<td>Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148</td>
<td>New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278</td>
<td>Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 11-12</td>
<td>English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Phi 21</td>
<td>Logic or Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>His 102</td>
<td>Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>Laboratory Science sequence</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Soc 141</td>
<td>Principles of Sociology or</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Psy 100</td>
<td>General Psychology</td>
<td></td>
</tr>
<tr>
<td>ID 36</td>
<td>Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111</td>
<td>Introduction to Art or</td>
<td></td>
</tr>
<tr>
<td>Mus 171</td>
<td>Introduction to Music or</td>
<td></td>
</tr>
<tr>
<td>Eng 112</td>
<td>Introduction to Literature or</td>
<td></td>
</tr>
</tbody>
</table>

Eng 366. Literature for Children and Adolescents........................3
Language sequence (Greek is strongly recommended).........................14
PE 51-52. Health and Physical Education.....................................2
PE 55. First Aid and Personal Safety........................................1

Major and Supporting Course Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miss 201 or 301</td>
<td>Missions courses</td>
<td>3</td>
</tr>
<tr>
<td>Miss 202 or 302</td>
<td>Missions courses</td>
<td>3</td>
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</tbody>
</table>

Requirements for Minor in Missions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Library Science</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Soc 141</td>
<td>Principles of Sociology or</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Psy 100</td>
<td>General Psychology</td>
<td></td>
</tr>
<tr>
<td>ID 36</td>
<td>Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111</td>
<td>Introduction to Art or</td>
<td></td>
</tr>
<tr>
<td>Mus 171</td>
<td>Introduction to Music or</td>
<td></td>
</tr>
<tr>
<td>Eng 112</td>
<td>Introduction to Literature or</td>
<td></td>
</tr>
</tbody>
</table>

Major and Supporting Course Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bib 411-412</td>
<td>Bible Seminar</td>
<td>4</td>
</tr>
<tr>
<td>Bible “book study” courses</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Biblical Studies or Missions electives</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>His 311</td>
<td>History of the Christian Church</td>
<td>4</td>
</tr>
<tr>
<td>Philosophy elective</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Comprehensive examination in Biblical Studies

*If a minor is desired this may be reduced to 3 units
**If a minor is desired these courses may be omitted, but are still recommended

Courses in Missions

201. Missionary Methods and Problems

Methods of conducting the missionary effort in foreign countries will be studied in relation to such matters as communications, eclectics, identification, unacceptable accommodation, the support and government of local churches, the problem of church and state, and various types of missionary endeavor. Three units. Mr. Young. (Not offered 1979-80)

202. 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. Three units. Mr. Young.

301. 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.

[302. 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. Mr. Young. (Not offered 1979-80)

303. Modern Religious Cults  
A critical study of the religious cults of Christian Science, Jehovah's Witnesses, Mormonism, and Seventh-day Adventism, with special attention being given to their historical development and doctrinal emphases as these are derived from their original source material. Three units. Mr. Young.

This course is introduced by a study of the Old Testament concept of Israel as a light to the Gentiles, and emphasizes the missionary activity of the apostles, considering the historical and cultural situations of the times, and the apostolic message, methods, and doctrine of the church and its mission. Three units. Mr. Young. (Not offered 1979-80)

Music

Singing at the Madrigal Banquet in December.

Requirements for All Music Majors  
Music majors are required to attend student recitals and to participate in a performing organization in their major area of performance. Credit may be earned in any of the performing organizations sponsored by the department. All students who wish to change from one performance level to another in applied music must sustain a performance examination. All music majors are required

[310. The Church's Pre-Reformation Mission to the Far East]  
A study of the eastward advance of missionaries of the early church of the East (Nestorian) and medieval churches will be made, with special attention given to the social, cultural, and historical situations of the Oriental civilizations penetrated. The motivation, methodology, related doctrines, and results of each effort will be evaluated. Three units. Open to freshmen with permission of the instructor. Mr. Young. (Not offered 1979-80)

[322. History of the Modern Far East]  
A study of China, Korea, and Japan beginning with their nineteenth-century interaction with the West. Brief consideration will be given to cultural background, but the major focus will be on the confrontation of the past two centuries with western ideology, western culture, and Christian thought and their formative influence on the modern societies of the Far East. Three units. Mr. Young. (Not offered 1979-80)

401. Missions Seminar  
A study in depth of four mission fields representing different levels of culture and church growth, from advanced to primitive, to understand the culture and problems, appraise the methods used and seek answers for the future. Three units. Mr. Young.

ID 92. Senior Integration Project. .............. 2
ID 91. Philosophy of Culture .................. 3 or 4
ID 31. Foundations of Modern Culture ........... 1
ID 36. Perspectives on the Arts ................ 1
ID 91. Philosophy of Culture .................. 3
ID 92. Senior Integration Project ............... 2
Bib 111, 113, or 129. Old Testament ............ 3
Bib 142 or 148. New Testament ................. 3
Bib 277-278. Christian Doctrine ............... 4
Eng 11-12. English Composition ............... 6
Phi 21. Logic or Mathematics .................. 3
His 102. Trans-Atlantic Civilization .......... 4
Laboratory Science sequence ................... 8
Soc 141. Principles of Sociology or Psy 100. General Psychology ............. 3 or 4

Requirements for Major in Music, B.A. Degree

The purpose of the curriculum is to provide both a broad, liberal arts education and a concentrated training in applied and academic music studies. Private lessons are offered in piano, organ, voice, and the orchestral and band instruments. Completion of this program requires a total of 126 units, including 48 units of music.

Core Requirements (Details, including alternative courses, are given on page 11)

ID 31. Foundations of Modern Culture ........... 4
ID 36. Perspectives on the Arts ................ 1
ID 91. Philosophy of Culture .................. 3
ID 92. Senior Integration Project ............... 2
Bib 111, 113, or 129. Old Testament .......... 3
Bib 142 or 148. New Testament ................. 3
Bib 277-278. Christian Doctrine ............... 4
Eng 11-12. English Composition ............... 6
Phi 21. Logic or Mathematics ................. 3
His 102. Trans-Atlantic Civilization .......... 4
Laboratory Science sequence ................... 8
Soc 141. Principles of Sociology or Psy 100. General Psychology .......... 3 or 4

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Major and Supporting Course Requirements

Mus 161-162. Theory I .................................................. 6
Mus 163-164. Ear Training I ......................................... 2
Mus 261-262. Theory II .................................................. 6
Mus 263-264. Ear Training II .......................................... 2
Mus 282. Basic Conducting ............................................. 2
Mus 371-372. Music History and Literature ......................... 6
Applied Music—major instrument ..................................... 16
Ensemble .................................................................. 4
Music electives ................................................................ 4
Concert and recital attendance (minimum three per semester) ... 0

Undergraduate Program Examination in Music

Requirements for Minor in Music

Mus 161-162. Theory I .................................................. 6
Mus 163-164. Ear Training I ......................................... 2
Mus 171. Introduction to Music ......................................... 3
Ensemble for 2 semesters ............................................. 1-2
Applied Music, 2 semesters ........................................... 4

Requirements for Major in Music Education, B.Mus. Degree and for Georgia Certification in Music, Grades 1-12*

This program provides training for prospective choral and instrumental teachers at both the elementary and secondary levels, along with proficiency in various areas of applied music. In addition, a broad core curriculum is included.

*Students interested in certification should consult with the chairman of the Teacher Education Program.

General Education

ID 31. Foundations of Modern Culture ................................ 4
ID 36. Perspectives on the Arts ......................................... 1
Bib 111, 113, or 129. Old Testament ................................ 3
Bib 142 or 148. New Testament ....................................... 3
Bib 277-278. Christian Doctrine ....................................... 6
Eng 11-12. English Composition ...................................... 4
ID 91. Philosophy of Culture .......................................... 3
ID 92. Senior Integration Project ..................................... 2
Laboratory Science sequence ......................................... 8
Mathematics .................................................................. 4
His 102. Trans-Atlantic Civilization .................................. 4
Social Science (Psy 303 is recommended) .......................... 8
PE 51-52. Health and Physical Education ............................ 2
PE 55. First Aid and Personal Safety ................................ 1

Teaching Field

Mus 161-162. Theory I .................................................. 6
Mus 163-164. Ear Training I ......................................... 2
Mus 261-262. Theory II .................................................. 6
Mus 263-264. Ear Training II .......................................... 2
Mus 282. Basic Conducting ............................................. 2
Mus 352. Music in the Elementary School ......................... 2
Mus 353. Music in the Secondary School ......................... 2
Mus 371-372. Music History and Literature ......................... 6
Mus 381. Advanced Conducting ...................................... 2
Applied Music (major instrument) .................................. 14
Music or Music Education electives, including Ensemble ...... 6
*Piano proficiency ...................................................... 0
**Junior recital ......................................................... 0
**Senior recital ......................................................... 0
Concert and recital attendance (minimum 3 per semester) ....... 0

Professional Education

Edu 201. Exploring Teaching ........................................ 3
Edu 221. Introduction to Education .................................. 3
Edu 222. Educational Psychology .................................... 3

Courses in Music

Courses in History and Literature

171. Introduction to Music

A course designed to develop a musical perception and ability to hear the best music intelligently. Emphasis is placed on aspects of style that distinguish one era from another. (Music majors may be exempted from this course upon examination.) Three units. Mr. Halvorsen.

371-372. Music History and Literature

An intense study of the music of all ages designed for the music majors. Open to others with the approval of the instructor. Three units each semester. Mr. Parker.
251. Woodwind and Brass Methods
Woodwind—Clarinet concentration, and flute, oboe, bassoon methods; Brass—Trumpet concentration, and French horn, trombone, and tuba methods. Two units. Mr. Parker.

[253. Percussion Methods]
Snare drum concentration, also tympani, and tuned percussion methods. Two units. (Not offered 1978-79)

255. String Methods
Violin concentration, and viola, cello, and bass methods. Two units.

352. Music in the Elementary School
Objectives and techniques of the choral and instrumental program in the elementary school, with emphasis on methods, materials, the child's voice, and instrumental techniques. Classroom work will include preparation of music, vocal and instrumental, using visual material, recordings, rhythm bands, beginning instrumental programs, and the middle school concept. Music majors and Elementary Education majors will be given separate assignments appropriate to their respective majors. Two units. Mr. Parker.

353. Music in the Secondary School
Objectives and techniques of the choral and instrumental program in the secondary school, with emphasis on such matters as organization, methods of teaching, testing, business procedures, contests, professional organizations, seating, and discipline. Two units. Mr. Parker.

Miscellaneous Music Courses

282. Basic Conducting
Fundamental conducting techniques, including best patterns, left hand dynamic control, simple phrasing, tempo and rhythmic changes. Two units. Mr. Hamm.

381. Advanced Conducting
Continued development of the conducting skills. Rehearsal techniques, principles of interpretation. Two hours per week and membership in Oratorio Chorus, Chamber Orchestra, Choral Society, or Chamber Orchestra. Prerequisite: Basic Conducting, Two units. Mr. Hamm.

[481. Pedagogy]
Pedagogy in voice, piano, or other major instrument. Two units. (Not offered 1979-80)

Performance Organizations

191-192. Oratorio Chorus
Open to all students interested in performing the great works of the sacred choral literature. The choir meets weekly and performs twice a year. One-half unit each semester. Mr. Hamm.

193-194. Covenant Chorale
Members are selected after an audition with the director. Three hours rehearsal weekly. Concerts are presented on annual tours and in local churches. Fee: $3.00 per year. Two units per year. Mr. Hamm.

195-196. 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. Three hours per week. Fee: $2.00 per year. Two units per year. Mr. Hamm.

Courses in Music Education

251-255. Instrumental Methods
Class instruction in instruments of the orchestra in preparation for teaching in elementary and secondary schools. Tone production, fingering, methods of teaching, and literature are taught for each instrument. Each music education major is required to take two units in each of two instrumental courses offered, Woodwind and Brass Methods, and String Methods. Students preparing primarily for instrumental teaching must take an additional two units in Percussion Methods.
291-292. Wind Symphony
The study and performance of literature written for traditional European military band and modern wind ensemble. Open by audition to all woodwind, brass, and percussion players interested in performing challenging music of quality. Three hours rehearsal weekly. One unit per semester. Mr. Monroe.

293-294. Symphonette
The study and performance of standard symphonic literature. Membership by audition. Woodwind, brass, and percussion players are normally chosen from the Wind Symphony. Two major concerts per year. Three hours rehearsal weekly for string players. One unit per semester. Mr. Monroe.

295-296. Brass Choir
The study and performance of brass choir literature from 16th century to present. Membership by audition. Services are offered in area churches and in chapel. Rehearsal times to be arranged. One-half unit per semester. Mr. Monroe.

297-298. Instrumental Ensemble
Woodwind Quintet, Brass Quintet, String Quartet, Piano Trio, Percussion Ensemble, etc., are arranged according to student needs and performance levels. One-half or one unit per semester. Mr. Monroe.

Chattanooga Symphony Orchestra
Membership is by audition with the symphony director. Students are allowed to perform either as amateur, students should consult the catalogs of particular institutions offering baccalaureate degrees in health professions in order to select appropriate social science, science, and elective courses. Depending on the program desired, students might select such courses as the following:
Science: General Physics, Microbiology, Genetics, Anatomy, Physiology, Organic Chemistry, Analytical Chemistry.

Courses in Natural Science

Requirements for Major in Natural Science
Concentration in Chemistry (See Chemistry)
Concentration in Mathematics (See Mathematics)
Concentration in Physics (See Physics)
Concentration in Pre-engineering (See Engineering)

Requirements for Associate of Arts Degree in Basic Health Sciences
This program provides the foundation for entering a number of baccalaureate-level programs in the health professions. Examples are Medical Technology, Occupational Therapy, Respiratory Therapy, Physical Therapy, Radiologic Technology, Physician’s Assistant, and Dental Hygiene.

Core Requirements (For details, see page 11). For this program the Laboratory Science units are listed not under the Core Requirements but under the Area of Concentration.

ID 31. Foundations of Modern Culture ........................................... 4
Bib 111, 113, or 129. Old Testament ...................................... 3
Bib 142 or 148. New Testament .............................................3
His 102. Trans-Atlantic Civilization ........................................ 4
Eng 11-12. English Composition ............................................. 4
*Social Science ................................................................. 3 or 4
Eng 366. Literature for Children and Adolescents ....................... 3
Mat 141. Pre-calculus Mathematics ........................................... 3
Mat 142. Pre-calculus Mathematics or 251. Elementary Statistical Methods .................................................... 3 or 4
Bio 111-112. General Biology .................................................. 8
Che 121-122. General Chemistry .............................................. 8
*Additional Science ............................................................. 4-16
*Elective Units ..................................................................... 0-13

Area of Concentration

Biological Science
ID 31, Bi 105, or 110. Zoology ................................................. 3
Bib 111, 113, or 129. Old Testament ..................................... 3
Ecol 110-112. Introduction to Ecology ................................ 3-4
Bio 111-112. General Biology .............................................. 8
Che 121-122. General Chemistry ........................................... 8
*Additional Science ............................................................. 4-16

Physics
ID 31, Phys 105, or 110. General Physics ................................ 3
Bib 111, 113, or 129. Old Testament ..................................... 3
Phys 110, 111, 112. General Physics .................................... 9
Mat 141, 142. Pre-calculus Mathematics or 251. Elementary Statistical Methods .................................................... 3 or 4
Stat 140-141. Statistical Methods .......................................... 4
Bio 311-312. General Biology .............................................. 8
Che 121-122. General Chemistry ........................................... 8
*Additional Science ............................................................. 4-16

Chemistry
ID 31, Chem 110, 111, or 120. General Chemistry .................. 3
Bib 111, 113, or 129. Old Testament ..................................... 3
Chem 110, 111, 112. General Chemistry ................................ 9
Mat 141, 142. Pre-calculus Mathematics or 251. Elementary Statistical Methods .................................................... 3 or 4
Stat 140-141. Statistical Methods .......................................... 4
Bio 311-312. General Biology .............................................. 8
Che 121-122. General Chemistry ........................................... 8
*Additional Science ............................................................. 4-16

Statistics
ID 31, Stat 121, or 122. Statistics ............................................ 3
Bib 111, 113, or 129. Old Testament ..................................... 3
Stat 121, 122. Statistics ....................................................... 6
Mat 141, 142. Pre-calculus Mathematics or 251. Elementary Statistical Methods .................................................... 3 or 4
Stat 140-141. Statistical Methods .......................................... 4
Bio 311-312. General Biology .............................................. 8
Che 121-122. General Chemistry ........................................... 8
*Additional Science ............................................................. 4-16

Health Sciences
ID 31, Pb 105, or 110. General Psychology ............................... 3
Bib 111, 113, or 129. Old Testament ..................................... 3
Pb 105, 106. General Psychology ................. Statistical Methods .................................................... 3 or 4
Bio 311-312. General Biology .............................................. 8
Che 121-122. General Chemistry ........................................... 8
*Additional Science ............................................................. 4-16

Biomedical Science
ID 31, Bi 105, or 110. General Biology ................................ 3
Bib 111, 113, or 129. Old Testament ..................................... 3
Bio 311-312. General Biology .............................................. 8
Che 121-122. General Chemistry ........................................... 8
*Additional Science ............................................................. 4-16

Courses in Natural Science

105. Problems of Physical Science
An introduction to the methods of physical science, including experimentation, formulation of hypotheses, and testing hypotheses. The course will include a brief survey of the history of science, and a discussion of the meaning of scientific proof. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00. Four units. Mr. Dameron and Mr. Mehne.
Philosophy Department Goals

The aim of the philosophy department is to teach philosophy. Philosophy shows the interrelationships among other subjects, which are sometimes understood as self-contained. It reveals their underlying complexities and analyzes nearly every possible alternative to a Christian position. Then it can construct a consistent Christian system. Without a fair knowledge of philosophy, a student is handicapped in understanding the history and present state of theology. Thus he confuses himself with a mixture of Christian and secular thought. With an adequate philosophic background, however, he becomes a more consistent Christian and is better able to meet contemporary opposition to Christianity.

Requirements for Major in Philosophy

Core Requirements (Details, including alternative courses, are given on page 11)
ID 31. Foundations of Modern Culture..........................4
ID 91. Philosophy of Culture.....................................3
ID 92. Senior Integration Project................................2
Bib 111, 113, or 129. Old Testament..........................3
Bib 142 or 148. New Testament.................................3
Eng 11-12. English Composition.................................4
Eng 114. Principles of Sociology or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents........3
*Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Mus 172. Introduction to Music or
Mus 277 or 278. Christian Doctrine..........................3

*Students should consult the catalogs of particular nursing schools in order to select appropriate courses.

Course in Nursing Education

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. One unit. Mrs. Schmidt.

Philosophy
Requirements for Minor in Philosophy

Courses in Philosophy

20. Logic
An introduction to classical and modern logic with some attention to the problems of induction. The emphasis is on a proper use of inferences in ordinary language and with logical symbols. Three units. Mr. Keister.

201. History of Ethics
A study of the principal theories, from the Greek schools on to Kant, Bentham, and Dewey. Three units. Mr. Hoover. (Not offered 1979-80)

202. Philosophy of Religion
An investigation into the major philosophical problems in religion: the existence of God, the character of religious knowledge and verification, the nature of religious language, etc. Three units. Mr. Clark or Mr. Hoover.

203. History of Ancient Philosophy
From the earliest beginnings to the end of Antiquity. Three units. Mr. Clark.

204. History of Modern Philosophy
From Descartes to Kant. Three units. Mr. Clark.

205. Medieval and Renaissance Philosophy
From the disciples of Augustine to Occam. Four units. Mr. Hoover.

206. History of Science
A study of the nature, scope, and limitations of scientific method and explanation with some attention being given to scientific concepts such as causality, space, time, etc. Some inquiry will be made into the relationship between science and human values. Three units. Mr. Clark. (Not offered 1979-80)

407. Philosophy Seminar
An in-depth inquiry into the work of a given philosopher, a specific problem in philosophy, or a specific area of philosophical concern. Three or four units. Mr. Clark or Mr. Hoover.

304. History of Recent Philosophy
An examination of basic trends of post-Kantian thought. Some attention will be given to the philosophy of science. German idealism, pragmatism, positivism, analytic philosophy, phenomenology, and existentialism. Three units. Mr. Hoover.

306. Philosophy of Art
The clarification of terms and a discussion of proposed criteria for aesthetic judgments. Major works will be read and discussed. Three units. (Not offered 1979-80)

308. Philosophy of the Hellenistic Age

309. Advanced Logic
The propositional calculus and general quantification theory, with some attention to practical application of these principles. Three units. Mr. Hoover.

310. Philosophy of Language
A study of the nature of verbal symbols and communication; Augustine's On the Teacher; the relation of language to metaphysics and epistemology; ideal versus ordinary language; analysis and Positivism. Three units. Mr. Clark.

317. Political Philosophy
A study of the authority, the forms, and the functions of government. The theories of Plato, Aristotle, Augustine, Samuel Rutherford, John Locke, Rousseau, Kant, Hegel and Marx. Questions to be considered: By what right do rulers coerce citizens? What forms of government are best for what functions? In addition to the secular theories of Aristotle, Rousseau, and Marx, there will be a discussion of the views of Augustine, Luther, and the Covenanters. Three units. Mr. Clark.

399-400. 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 a thesis on the historical background and contemporary status of a major philosophical problem will be required. One, two, or three units.

401. Philosophy of Science
A study of the nature, scope, and limitations of scientific method and explanation with some attention being given to scientific concepts such as causality, space, time, etc. Some inquiry will be made into the relationship between science and human values. Three units. Mr. Clark. (Not offered 1979-80)

407. Philosophy Seminar
An in-depth inquiry into the work of a given philosopher, a specific problem in philosophy, or a specific area of philosophical concern. Three or four units. Mr. Clark or Mr. Hoover.

Physical Education

Physical Education Department Goals

To prepare Christian men and women to teach physical education from a viewpoint that sees God as man's Creator and ruler.

To help students see physical education as more than "rolling out a ball."

To help students see the relationship of the Bible to knowledge and physical education in particular.
These goals have a direct relationship with the college's purpose in that we view man and knowledge as from God and study them from this viewpoint. Physical education is taught to students from a stance that requires that they understand the human body that God gave us and the need properly to instruct others concerning its growth and functioning. Students in the major are guided in their Christian growth and maturity along the lines stated in the college's purpose.

In addition to the Physical Education activity course taken by freshmen, a complete program of intramural games and intercollegiate sports is offered. The intramural program enables students to compete on team and individual bases against members of other classes and the faculty. The winning men's and women's teams are presented trophies known as the President's Cup. The intercollegiate program consists of men's soccer, basketball, baseball, and cross-country; and women's volleyball and basketball.

Requirements for Major in Physical Education

Core Requirements (Details, including alternative courses, are given on page 12)

ID 31. Foundations of Modern Culture .......................... 4
ID 91. Philosophy of Culture ........................................ 3
ID 92. Senior Integration Project ................................... 2
Bib 111, 113, or 129. Old Testament .............................. 3
Bib 142 or 148. New Testament ................................... 3
Bib 277-278. Christian Doctrine .................................. 6
Eng 11-12. English Composition ................................. 4
Phi 21. Logic or Mathematics (Students seeking teacher certification should take Mat 251. Elementary Statistical Methods) ..................................................... 3-4
His 102. Trans-Atlantic Civilization .............................. 4
Soc 141. Principles of Sociology or Psy 100. General Psychology ......................................................... 3 or 4
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents .............. 3
Language sequence ................................................................ 12-14
PE 51-52. Health and Physical Education ........................ 2
PE 55. First Aid and Personal Safety ............................... 1

Major and Supporting Course Requirements

PE 130. Introduction to Physical Education ....................... 3
PE 201. Health Education ............................................. 2
PE 338. Kinesiology ...................................................... 4
PE 331, 332, 335, 336, or 337 ......................................
Bio 101. Elements of Zoology .......................................... 4
Bio 216. Human Anatomy .............................................. 4
Bio 217. Human Physiology ........................................... 4
Related electives ............................................................ 9
Undergraduate Program Examination in Physical Education

Students majoring in Physical Education will in both semesters of their junior year assist for three hours each week in the supervision of 52. Health and Physical Education (and occasionally of 51.) This participation will serve to fulfill their practical-work assignment for the year.

Requirements for Minor in Physical Education

PE 130. Introduction to Physical Education ....................... 3
PE 201. Health Education ............................................. 2
PE elective or Bio 216. Human Anatomy ......................... 3-4
Bio 101. Elements of Zoology .......................................... 4
Bio 217. Human Physiology ........................................... 4

Requirements for Georgia Certification in Physical Education, Grades 1-12

Students interested in certification should consult with the chairman of the Teacher Education Program.

General Education

ID 31. Foundations of Modern Culture .......................... 4
Bib 111, 113, or 129. Old Testament .............................. 3
Bib 142 or 148. New Testament ................................... 3
Bib 277-278. Christian Doctrine .................................. 6
Eng 11-12. English Composition ................................. 4
Language sequence ..................................................... 6
ID 36. Perspectives on the Arts ................................. 1
Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents .............. 3
ID 91. Philosophy of Culture ........................................ 3
ID 92. Senior Integration Project ................................... 2
Bio 101. Elements of Zoology .......................................... 4
Bio 217. Human Physiology ........................................... 4
Mat 251. Elementary Statistical Methods ........................ 4
His 102. Trans-Atlantic Civilization .............................. 4
Social Science (Psy 303 is recommended) ......................... 8
PE 51-52. Health and Physical Education ........................ 2
PE 55. First Aid and Personal Safety ............................... 1

Teaching Field

PE 130. Introduction to Physical Education ....................... 3
PE 201. Health Education ............................................. 2
PE 205-226. Individual and Team Sports ........................ 12
Bio 216. Human Anatomy .............................................. 4
PE 335. Physical Education in the Elementary School ........... 3
PE 336. Physical Education in the Secondary School .......... 3
PE 338. Kinesiology ...................................................... 4

Professional Education

Edu 201. Exploring Teaching ......................................... 3
Edu 221. Introduction to Education .................................. 3
Edu 222. Educational Psychology .................................... 3
Edu 361. Identification and Education of Elementary and Secondary Children with Special Needs ........................................... 3
Edu 411. Preparation and Utilization of Curriculum Materials 3
Edu 412/414. Designing Teaching/Learning Models .............. 8
Edu 422/424. Teaching Practicum ..................................... 8

Elective ................................................................. 5

Courses in Physical Education

51-52. Health and Physical Education

Fee $7.50. One unit each semester. Mr. Fitzgerald.

55. First Aid and Personal Safety

Students who satisfactorily complete this course are presented the Standard Red Cross First Aid Certificate. Fee: $7.50. One unit. Mr. Bowman.

130. Introduction to Physical Education

A study of the history and philosophy of the movement, men and methods of physical education from the Greco-Roman era to the present day. The contributions of the men and the changing methods will be researched. Each student will be required to do an individual project. Three units. Mr. Bowman.

131. Senior Lifesaving

One unit.

132. Red Cross Water Safety Instruction

One unit.

133. 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.
[201. Health Education]
To create an awareness of current problems, trends, and issues in the field of Health Education. Emphasis will be placed on the effects of tobacco, alcohol, and drug abuse on the body. Students will learn to identify and utilize varied sources of information and be introduced to new methods and materials. Two units. Mr. Bowman.

205-215. Individual Sports
These courses aim to help the student develop skills in a particular individual activity.
205. Archery. One unit. Mr. Fitzgerald.
206. Bowling.] Students are responsible for equipment and for game fees. One unit. Mr. Bowman. (Not offered 1979-80)
207. Gymnastics.) One unit. (Not offered 1979-80)
208. Tennis. One unit. Mr. Fitzgerald. (Not offered 1979-80)
209. Golf.] One unit. Mr. Fitzgerald. (Not offered 1979-80)
211. Swimming.] One unit. (Not offered 1979-80)
212. Handball. One unit. Mr. Fitzgerald.
213. Racquet Ball.] One unit. Mr. Rulon. (Not offered 1979-80)
214. Squash.] One unit. (Not offered 1979-80)
215. Wrestling.] One unit. Mr. Kellogg. (Not offered 1979-80)
216. Ice Skating. One unit.

220-226. Team Sports
These courses aim to help the student develop skills in a particular team sport.
220. Soccer. One unit. Mr. Bowman.
221. Basketball.] One unit. Mr. Fitzgerald. (Not offered 1979-80)
222. Speedball. One unit. Mr. Fitzgerald.
223. Volleyball.] One unit. Mr. Fitzgerald. (Not offered 1979-80)
224. Football. One unit. Mr. Bowman.
225. Softball. One unit. Mr. Bowman.

[331. Psychology of Coaching]
The methods and strategy involved in coaching in all sports are stressed in this course with special emphasis on soccer, basketball, and baseball. Three units. Mr. Bowman. (Not offered 1979-80)

332. Outdoor Recreation
Development of the recreational movement in America in respect to leisure time. Community and national programs and laws.

The organizational and administrative aspects of camping programs; the basis on which a camping program is developed. Three units. Mr. Bowman.

[333. Officiating]
Instruction in skills and techniques required for officiating. Exact knowledge of rules and regulations required for the sports: football, volleyball, soccer, basketball, baseball, softball. Students officiate at intramural games as part of the requirements for this course. Three units. Mr. Bowman, Mr. Fitzgerald. (Not offered 1979-80)

335. Physical Education in the Elementary School
The methods and materials for teaching physical education in the elementary school are considered. Curriculum planning, facilities, equipment, integration and correlation of the academic presentation and physical activities in the classrooms, selection of materials, teaching techniques, and the selection of suitable activities (including creative movement and movement education) for the elementary grades are emphasized. Three units. Mr. Bowman.

336. Physical Education in the Secondary School
The nature, scope, and potential of physical education in today's secondary school are considered. Curriculum planning, facilities, equipment, integration and correlation of the academic presentation and physical activities in the classroom, selection of materials, teaching techniques, and the selection of suitable activities (including movement education) for the secondary grades are emphasized. Three units. Mr. Fitzgerald.

337. Administration of Secondary School Athletics
Study and discussion of the various phases of organization and administration. Administrative principles and the development of athletics in the school and community. Three units. Mr. Bowman.

338. Kinesiology
A study of muscles, joint action, the mechanics of human balance and motion and the physiology of exercise. Prerequisite: Biology 216. Four units. Mr. Wenger.

400. Independent Study
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.

Physics

Physics Department Goals
To provide basic service instruction in the physical sciences to students majoring in other sciences and those not majoring in science.
To prepare students for advanced work at other schools; for example, through the dual degree program in engineering.

Requirements for Minor in Physics
Phy 131-132. General Physics..................................................8
Physics electives.................................................................*12

*If the core requirement in laboratory science is met by an 8-unit sequence in a science other than physics this may be reduced to 8 units.

Dual Degree Program with Georgia Institute of Technology
This five-year program leads to a B.A. from Covenant and a B.S. in Physics from Georgia Tech. The program includes three years at
Covenant College and two years at Georgia Institute of Technology. Candidates who follow the program outlined below are eligible to seek the degree of Bachelor of Science in Physics from the General College of Georgia Institute of Technology. In the case of highly qualified students the Georgia Institute of Technology degree may be at the master's level.

Requirements for Major in Natural Science Concentration in Physics

Core requirements (Details, including alternative courses, are given on page 11)

- ID 31. Foundations of Modern Culture ........................................... 4
- ID 91. Philosophy of Culture ...................................................... 3
- ID 92. Senior Integration Project ................................................. 2
- Bib 111, 113, or 129. Old Testament ............................................ 3
- Bib 142 or 148. New Testament .................................................. 3
- Bib 177-179. Christian Doctrine ................................................. 3
- Eng 11-12. English Composition .................................................. 4
- His 102. Trans-Atlantic Civilization .......................................... 4
- Soc 141. Principles of Sociology or Psy 100. General Psychology .... 3 or 4
- ID 36. Perspectives on the Arts ................................................. 1
- Art 111. Introduction to Art or
  Mus 171. Introduction to Music or
  Eng 366. Literature for Children and Adolescents ......................... 3
- Language sequence ........................................................................ 6-8
- PE 51-52. Health and Physical Education .................................... 2
- PE 55. First Aid and Personal Safety ............................................ 1
- Social Science electives (to meet degree requirements
  of Georgia Institute of Technology) ............................................. 4 or 5
- English Literature ......................................................................... 3

Major and Supporting Course Requirements

- Che 121-122. General Chemistry ............................................... 8
- Phy 131-132. General Physics ..................................................... 8
- Physics elective ........................................................................... 3
- Mat 145-146. Calculus I, II ......................................................... 8
- Mat 247. Calculus III ..................................................................... 4
- Mat 348. Elementary Differential Equations .................................. 4

Note: A minimum of 96 units must be taken before enrolling at Georgia Institute of Technology. The above program must be supplemented, therefore, by 1 to 3 additional units of electives depending on language sequence selected.

Courses in Physics

131-132. General Physics

The essentials of mechanics, heat, sound, electricity, magnetism, and light, and an introduction to modern physics, including nuclear physics and atomic structure. Three hours lecture. Three hours laboratory. Laboratory fee: $15.00 per semester. Eight units. Mr. Keister.

[231. Modern Physics]

Modern ideas in physics: quantum theory, relativity, nuclear and atomic structure, fundamental forces. Prerequisites: Physics 131-132, Mathematics 145-146. Three hours lecture. Three units. Mr. Keister. (Not offered 1979-80)

[331. Electricity and Magnetism]

Electrodynamics, d.c. circuits, magnetism, induced current, transients, and a.c. networks. Prerequisite: Mathematics 247. Three hours lecture. Three units. Mr. Keister. (Not offered 1978-79)

[332. Analytical Mechanics]

Particle and rigid body mechanics, harmonic oscillators, and an introduction to advanced dynamics. Prerequisite: Mathematics 145-146. Three hours lecture. Three units. (Not offered 1979-80)

[333. Principles of Electronics]

Fundamental theory of electron ballistics, semi-conductors, and vacuum tubes. Applications to modern scientific instrumentation will be stressed. Prerequisite: Physics 131-132. Two hours lecture. Three hours laboratory. Three units. Mr. Dameron. (Not offered 1979-80)

[334. Quantum Mechanics]

The origins of quantum theory, uncertainty of relations, formalism of wave mechanics, central potential problem, phase-shift, coulomb interaction, harmonic oscillator, angular momentum, perturbation theory. Prerequisite: Physics 231, 331; Mathematics 348. Three units. Mr. Keister. (Not offered 1979-80)

[337-338 (237-238). Experimental Physics]

Advanced laboratory experiments designed to integrate and augment work in lecture courses. Prerequisite: Physics 131-132. Three hours laboratory. Laboratory fee: $10.00 per semester. Two units. Mr. Dameron. (Not offered 1979-80)

[431-432. Special Topics in Physics]

Concentration in selected fields of study. Prerequisite: senior standing. Three units each semester. Mr. Keister. (Not offered 1979-80)

Pre-law Studies

Prospective law students need the broadest educational background available and the Historical Studies Department of Covenant College recommends a historical studies major with a suitable supporting minor (English, Philosophy, Sociology, Psychology, Business Administration) as an effective program to achieve this end.

Admission to law school is determined by the institution to which application is made. Admission is usually based upon graduation from an accredited undergraduate college or university, grade point average (GPA), Law School Admission Test (LSAT) scores, and personal recommendations.

Although minimum requirements for GPA and LSAT scores vary with individual law schools, realistic expectations for consideration of admission demand that the prospective law student earn a GPA of at least 3.00 - 3.33 (B to B+) and score on the LSAT in the vicinity of the high 500's or low 600's. Note that these are minimum realistic levels.

The LSAT is taken during the senior year and may be repeated.

Successful completion of the pre-law program in no way guarantees admission to law school. Able Covenant graduates who have applied to law schools have been accepted and are now engaged in legal studies or have become practicing attorneys.

Pre-law students are encouraged to read John F. Dobbyn, So You Want To Go To Law School, which is available in the college bookstore. Students should also consult the annually published Pre-Law Handbook which contains a description of all the American Bar Association approved law schools with GPA and LSAT profiles of the
most recent classes admitted. Copies of the Handbook are available for perusal from the pre-law advisor or the career counselor. Mr. A. Kenneth Austin of the Department of Historical Studies serves as the pre-law advisor. Pre-law students will be assigned to Mr. Austin for academic advisement and prospective pre-law students are encouraged to contact Professor Austin for further description of the program.

Pre-medicine Studies

Consult with Professor Lothers.

Pre-ministerial Curriculum

The following course suggestions are proposed to serve as guidelines for pre-ministerial students at Covenant College. A student planning to enter theological seminary should consult the catalogs of the seminaries to which he may apply for their specific admissions requirements.

The Christian ministry calls for a broad acquaintance with the thought and life of our contemporary world and of our cultural heritage. It also requires a knowledge of people and an ability to communicate with them. Quite obviously it demands a thorough understanding of the Bible, the source of our message of the Gospel. Much of the specialized knowledge for the ministry can be gained in theological seminary, but the broad foundation should be laid in college. Covenant's liberal arts curriculum is designed to help the pre-ministerial student achieve such a general background. In the core curriculum Greek, logic, and speech are recommended to fulfill the requirements.

Any one of several majors is possible for the pre-ministerial student, including Biblical studies and missions, philosophy, history, English, or psychology. The minor may be selected from any of these same fields plus sociology or education. The recommended major, however, is either the major in biblical studies and missions or the interdisciplinary program with biblical studies or missions and some combination of the field named above included.

Certain courses are strongly recommended in the pre-ministerial program: John or Romans, Theology of Missions, at least one philosophy course, History of Christianity, at least one literature course, Introduction to Music, and General Psychology. In addition to these, certain other courses are also recommended: Ethics, Genesis, Bible Seminar, all of the missions courses, Medieval and Renaissance Philosophy, Europe, 1789 to the Present, Recent American History, Europe, 1400-1789, Sociology and Psychology of Religion, Counseling and Clinical Psychology, and Principles of Teaching and Learning.

Psychology

Psychology Department Goals

The discipline of psychology is concerned with the examination of human behavior.

For general education:
1. To instill in students an appreciation and respect for studying God's highest creation.
2. To expose students to the diversity of behavior, research, theories, and applications in the field of psychology.
3. To promote in students a quality of discernment with respect to the claims about what is known in psychology today.
4. To develop a student's ability to understand the value and importance of utilizing Biblical and empirical methods for understanding human behavior.
5. To provide opportunities for participatory, hands-on, educational opportunities.

For the major field:
1. To provide students with the state-of-the-art understanding of human behavior.
2. To help students develop the capabilities needed to conduct research that adds to our understanding of human behavior.
3. To prepare qualified students for advanced work in psychology.
4. To instill in our students the values of competence and professionalism when making application of principles drawn from psychology.
5. To encourage the active involvement by the students in departmental activities such as field trips, department colloquia, and on-going research by faculty members.

These goals are accomplished, in part, through the following sequences of courses:

1. A survey of modern psychology
2. The methods used by psychologists in the investigation and analysis of behavior
3. The theories and data of the subfields within psychology
4. Opportunity for application of the information of psychology and the integration of psychology with one's personal Christian beliefs.

The courses listed below are consistent with the above sequence, namely: (1) Survey courses, (2) Methods courses, (3) Content courses, and (4) Application courses. The student should be aware that the application of psychological principles necessarily follows an understanding of the data and methods upon which these principles are based.

The student majoring in psychology may take advantage of experimental equipment for individual research projects, calculator and computer facilities for the analysis of research data, and internship opportunities at various mental health agencies in Chattanooga, Tennessee.

The Department of Psychology of Covenant College is committed to an academically responsible concept of the integration process. It provides opportunity for relating the discipline with an evangelical Christian world and life view. Students majoring in psychology examine contemporary viewpoints on integration relative to psychology and work towards a personal statement reflecting their efforts.

For further information about the program in psychology write or contact: Chairman, Department of Psychology, Covenant College, Lookout Mountain, Tennessee 37350.

Requirements for Major in Psychology

Core Requirements (Details, including alternative courses, are given on page 11)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
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<tr>
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<td>ID 92. Senior Integration Project</td>
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<tr>
<td>Bib 111, 113, or 129. Old Testament</td>
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<tr>
<td>Bib 142 or 148. New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
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<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Art 111. Introduction to Art or Mus 171. Introduction to Music or</td>
<td>1</td>
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<tr>
<td>Eng 112. Introduction to Literature or</td>
<td>3</td>
</tr>
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<td>Eng 222. Educational Psychology</td>
<td>3</td>
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<td>Edu 201. Exploring Teaching</td>
<td>3</td>
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<tr>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Edu 321/331. Curriculum Theory and Development</td>
<td>3</td>
</tr>
<tr>
<td>Edu 361. Identification and Education of Elementary and Secondary Children with Special Needs</td>
<td>3</td>
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<tr>
<td>Language sequence</td>
<td>1</td>
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<tr>
<td>PE 51-52. Health and Physical Education</td>
<td>2</td>
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Major and Supporting Course Requirements

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<th>Course</th>
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<tr>
<td>Psy 100 or 101. General Psychology</td>
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</tr>
<tr>
<td>Psy 200. History and Systems of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>CS 150. Introduction to Basic Programming</td>
<td>4</td>
</tr>
<tr>
<td>Psy 304. Psychology of Learning and Memory</td>
<td>4</td>
</tr>
<tr>
<td>Psy 251. Elementary Statistical Methods</td>
<td>4</td>
</tr>
<tr>
<td>Psy 261. Introduction to Research Methods</td>
<td>4</td>
</tr>
<tr>
<td>Psy 344. Abnormal Psychology</td>
<td>4</td>
</tr>
<tr>
<td>Psy 491. Senior Seminar in Psychology</td>
<td>2</td>
</tr>
</tbody>
</table>

Psychology methods or content courses (300 level or above) ........... 8
Psychology electives (300 level or above) .................................. 6
Undergraduate Program Examination in Psychology

Requirements for Minor in Psychology

<table>
<thead>
<tr>
<th>Course</th>
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<td>Psy 100. General Psychology</td>
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<tr>
<td>Psy 344. Abnormal Psychology</td>
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</tbody>
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Requirements for Georgia Secondary School Certification in the Behavioral Sciences

Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education

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<tr>
<td>Art 111. Introduction to Art or Mus 171. Introduction to Music or</td>
<td>1</td>
</tr>
<tr>
<td>Eng 112. Introduction to Literature or</td>
<td>3</td>
</tr>
<tr>
<td>Eng 366. Literature for Children and Adolescents</td>
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<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
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<tr>
<td>ID 92. Senior Integration Project</td>
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</tr>
<tr>
<td>Laboratory Science sequence</td>
<td>8</td>
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<tr>
<td>Mathematics</td>
<td>4</td>
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<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>3</td>
</tr>
<tr>
<td>204. American Government</td>
<td>4</td>
</tr>
<tr>
<td>Social Science (Psy 303 and American History recommended)</td>
<td>8</td>
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<tr>
<td>PE 51-52. Health and Physical Education</td>
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<td>PE 55. First Aid and Personal Safety</td>
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Teaching Fields (Interdisciplinary)

<table>
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<tr>
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<tr>
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<td>Sociology or Psychology</td>
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<tr>
<td>Anthropology</td>
<td>6</td>
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<tr>
<td>Economics, Geography, or Political Science (EIGHTEEN of the teaching field units must be in upper-division courses.)</td>
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Professional Education

<table>
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<th>Course</th>
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<tr>
<td>Edu 201. Exploring Teaching</td>
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<tr>
<td>Edu 221. Introduction to Education</td>
<td>3</td>
</tr>
<tr>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Edu 321/331. Curriculum Theory and Development</td>
<td>3</td>
</tr>
<tr>
<td>Edu 361. Identification and Education of Elementary and Secondary Children with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>Edu 411. Preparation and Utilization of Curriculum Materials</td>
<td>3</td>
</tr>
<tr>
<td>Edu 412/414. Designing Teaching/Learning Models</td>
<td>3</td>
</tr>
<tr>
<td>Edu 422/424. Teaching Practicum</td>
<td>8</td>
</tr>
</tbody>
</table>

Courses in Psychology

Survey Courses

100. General Psychology

A general survey of the content areas of psychology. This course introduces the student to the critical examination of behavior in human and other life forms. The relationships among psychology, sociology, and anthropology will be examined, and issues arising from the course content will be examined with the purpose of formulating a Christian perspective. Topics considered include the
nature of psychology, biological foundations of behavior, perception, learning and memory, language and thought, motivation and emotion, developmental psychology, altered states of consciousness, personality, social psychology, psychopathology and psychotherapy. Offered each semester. Laboratory fee: $10.00. Four units. Mr. Rulon.

101. Advanced General Psychology
This course is intended for and required of transfer students who are majoring in psychology. It consists of attending the General Psychology class and participating in all the laboratory exercises and class assignments. Prerequisite: introductory psychology course from another college. Offered each semester. Laboratory fee: $10.00. Two units. Mr. Rulon.

200. History and Systems of Psychology
A survey of the systematic and theoretical base of psychology. Topics considered include: the nature of science, the place of psychology in science, systems of psychology: Associationism, Structuralism, Functionalism, Behaviorism, Gestalt Psychology, and Psychoanalysis. Each system is described in terms of historic background and content. Prerequisites: Psy 100. Offered spring. Two hours lecture. Two units.

Methods Courses

251. Elementary Statistical Methods
An introductory course in statistical procedures used in scientific research investigations. Topics considered include the nature and importance of statistics, quantification, measurement, probability, elementary research design, the collection and scoring of research results, measures of central tendency and norms, correlational analysis, statistical inference, analysis of variance and the analysis of categories and ranks. Computer applications will be stressed. Prerequisite: high school algebra. Three hours lecture and two hours laboratory. Offered fall. Laboratory fee: $10.00. Four units. Mr. Rulon.

261. Introduction to Research Methods
This course introduces the student to the process and methods of research in the social sciences. Required of all majors in psychology. Topics considered include science and the scientific approach, problems and hypotheses, variable definition, research designs, types of research and methods of observation and data collection. Using a group project format, the student formulates a research proposal and carries out the research, reporting the results in a research manuscript prepared in a form acceptable for publication. Prerequisites: Psy 100, 251 (Sociology major only 251). Four hours lecture. Offered spring. Laboratory fee: $10.00. Four units. Mr. Sizemore.

303. Principles of Human Development
A comprehensive survey of the development of the human individual from birth to death. Consideration is also given to the methods of investigation employed. Topics considered include: theories of development, prenatal and birth development, research methods, infancy, childhood, adolescence, adulthood, aging, death and emotional, social, and moral development. Prerequisite: Psy 100. Three hours lecture and laboratory. Four units. Mr. Rulon.

304. Psychology of Learning
A critical examination of the principal theories and research in learning and memory. Consideration is given to major positions. Rudimentary types of learning in the forms of classical and instrumental conditioning are considered. Topics considered include: learning and behavior, theories of learning, experimental methods, transfer of learning, and behavior modification. Prerequisite: Psy 100, 200, 251, and 261. Three hours lecture, plus lab. Offered fall. Laboratory fee: $10.00. Four units. Mr. Rulon.

331. Psychology of Personality
A critical examination of the historical and contemporary theorists in the study of human personality. Theorists considered include Freud, Jung, Adler, Allport, Cattell, Dollard, and Miller, Rogers, Maslow, Frank, and Ellis, as well as others. The student, in considering these theorists, is challenged to develop a basic personal view of personality. The course emphasizes the academically responsible integration of the evangelical and psychological dimensions of the human personality. Prerequisite: Psy 100, 200. Four hours lecture. Offered spring. Four units. Mr. Sizemore.

344. Abnormal Psychology
This course examines behavior classified as abnormal by the American Psychiatric Association and the World Health Organization. Class content will focus on the clinical description, causes, prognosis, and treatment of abnormal behavior. A practicum will provide direct contact with the behavior being studied and will involve weekly participation at a mental health agency. Prerequisites: Psy 100. Three hours lecture. Offered spring. Four units. Mr. Rulon.

373. Physiological Psychology
An overview of the physiological approach to psychology. Topics of consideration include the internal physiological environment, the nervous system, physiological aspects of the senses, reflexes and motor organization, brain dynamics, sleep and arousal, physiological considerations of motivation, emotion and learning, and physiological stress. Prerequisites: Psy 100, 200. Three hours lecture, plus lab. Laboratory fee: $10.00. Four units. Mr. Rulon. (Not offered 1979-80)

402. Special Topics in Psychology
This course represents a loosely structured outlet for topics of interest in the discipline. A variety of subjects related to psychology are offered. Topics previously offered include sleep and dreaming, factor analysis, and religious behavior. The particular topic offered is based upon student interest and demand. Prerequisites: junior standing, psychology major, or permission of the instructor. Repeatable. One to four units. Staff.

443. Counseling and Clinical Psychology
A comprehensive assessment of the procedures and techniques used by clinical and counseling psychologists. Topics include the historical development of clinical psychology, diagnosis and personality assessment, the clinical interview and case study, clinical testing, the psychotherapeutic function, variations in psychotherapy, behavioral therapies, group and play therapy, community psychology and mental health, and professional problems and developments. Prerequisites: Psy 100, 200, 251, and 261, or permission of instructor. Four units.
Application Courses

222. Educational Psychology
The central concern of this course is the question, "How do people learn?" In answering that question, a biblical view of man, his behavior, and his relationship to learning is the starting point. Through the biblical framework, the major families of learning theory (behaviorism and cognitive-field psychology) are then examined to determine what things are acceptable and helpful to the Christian teacher. A prominent question is always, "How does this affect my teaching as a Christian?" The last part of the course emphasizes the measurement and evaluation of learning. Prerequisite: Edu 201, 221, and admission into the Teacher Education Program (except for the non-teaching minors). Three units. Mr. Graham.

333. Psychological Testing
A comprehensive survey of the construction and use of psychological tests. Topics considered include functions and origins of psychological testing, the nature and use of psychological tests, the interpretation of test scores, reliability and validity, item analysis, the measurement of intelligence, aptitude and achievement tests, vocational and personality tests, attitude and interest inventories, projective techniques, and the social implications of test results. Periodic laboratory experiences will be offered. Prerequisites: Psy 100, 200, 251 and 261, or permission of the instructor. Four units. Mr. Sizemore. (Not offered 1979-80)

444. Practicum in Psychology
The practicum is divided into two categories: Research and Internship. Prerequisite for either section: Psychology major, junior standing. Offered each semester. Two to six units. Staff.

Sociology

Sociology Department Goals
1. To enable the student to develop a Christian perspective relating to man’s involvement in groups and in the larger society. This is accomplished in three main areas:
   a. studying the various principles of interaction that govern human relationship (Social Interaction);
   b. studying the various problems that face contemporary society (Social Concerns);
   c. studying the basic institutions of society and their interdependence (Social Institutions).
2. To provide the student the necessary methodological tools whereby he may uncover social reality in a variety of contexts (Survey Research, Participant Observation, and Content Analysis).
3. To demonstrate the practical relevance of the discipline by applying sociological insight and methodology to the work of God’s kingdom.

Requirements for Major in Sociology

Core Requirements (Details, including alternative courses, are given on page 11).

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
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</tr>
<tr>
<td>Bib 111, 113, or 129. Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148. New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Language sequence</td>
<td>12-14</td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
<td>1</td>
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<tr>
<td>Art 111. Introduction to Art or Mus 171. Introduction to Music</td>
<td>4</td>
</tr>
<tr>
<td>Eng 112. Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>Eng 366. Literature for Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>8</td>
</tr>
<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>Soc 141. Principles of Sociology</td>
<td>3 or 4</td>
</tr>
<tr>
<td>Psy 100. General Psychology</td>
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</tbody>
</table>

49
PE 51-52. Health and Physical Education ......................... 2
PE 55. First Aid and Personal Safety ................................ 1

Major and Supporting Course Requirements

Soc 141. Principles of Sociology ....................... 3
Soc/Psy 251. Elementary Statistical Methods ............ 4
Soc 402. History of Social Theory ...................... 3
Soc 490. Senior Seminar in Sociology .................... 1

Electives from the following courses (at least one course from each area) .......... 15

Social Interaction
Soc 244. Social Psychology
Soc 344. Social Psychology of Groups
Soc 348. Readings in Marriage and Family Counseling

Social Concerns
Soc 241. Social Problems
Soc 246. Crime and Delinquency
Soc 345. Dynamics of Social Change

Social Institutions
Soc 341. The Family
Soc 342. Sociology and Psychology of Religion
Soc 343. Sociology of Health

Credit toward the major will also be given to those successfully completing Soc 229. Cultural Anthropology and/or Soc 250. Introduction to Social Work.

Requirements for Minor in Sociology

One course from each of the following groups:

2. Social Interaction ........................................... 3
Soc 244. Social Psychology
Soc 344. Social Psychology of Groups
Soc 348. Readings in Marriage and Family Counseling
3. Social Concerns ............................................. 3
Soc 241. Social Problems
Soc 246. Crime and Delinquency
Soc 345. Dynamics of Social Change

Requirements for Georgia Secondary School Certification in the Behavioral Sciences

Students interested in secondary level certification should consult with the chairman of the Teacher Education Program.

General Education
ID 31. Foundations of Modern Culture .................. 4
Bib 111, 113, or 129. Old Testament .................. 3
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents ....... 3
Bib 277-278. Christian Doctrine ....................... 6
Eng 11-12. English Composition .................... 4
Language sequence .................................. 6

Art 111. Introduction to Art or
Mus 171. Introduction to Music or
Eng 112. Introduction to Literature or
Eng 366. Literature for Children and Adolescents ....... 3

ID 91. Philosophy of Culture ............................. 3
ID 92. Senior Integration Project ......................... 2
Laboratory Science sequence ............................. 8
Mathematics ........................................... 4

His 102. Trans-Atlantic Civilization or
204. American Government ......................... 4

Soc 342. Sociology and Psychology of Religion
Soc 343. Sociology of Health

Social Science (Psy 303 and
American History recommended) ..................... 8

Teaching Fields (Interdisciplinary)
Sociology or Psychology ............................... 24
Psychology or Sociology ............................... 18
Anthropology ........................................... 6
Economics, Geography, or Political Science ........... 3

(Eighteen of the teaching field units must be in upper-division courses.)

Professional Education

Edu 201. Exploring Teaching ................................ 3
Edu 221. Introduction to Education ...................... 3
Edu 222. Educational Psychology ....................... 3
Edu 321/331. Curriculum Theory and Development ....... 3
Edu 361. Identification and Education of Elementary and
Secondary Children with Special Needs ................ 3
Edu 411. Preparation and Utilization of Curriculum Materials .... 3
Edu 412/414. Designing Teaching/Learning Models ....... 3
Edu 422/424. Teaching Practicum ....................... 8

Courses in Sociology

141. Principles of Sociology

The general survey course that introduces the student to the discipline of sociology. Attention is given to the importance of Christian involvement in sociology and how this relates to the three major areas of the field: social interaction, social concerns, and social institutions. In-class and out-of-class research projects are included in order to give the beginning student exposure to important methodological tools. Offered each fall semester. Three units. Mr. Muller.

229. Cultural Anthropology

A study of the way in which contemporary cultures differ from one another in respect to family organization, economic systems, political orders, etc. The concepts of cultural relativism and ethnocentrism will be emphasized with personal application to the student's own perspective. Three units. Mr. Muller.

241. Social Problems

A general survey of the major problems that confront contemporary society. Three general problem areas will be considered: transitional problems such as overpopulation, environmental concerns, and the changing cities; problems of inequality such as poverty, minority groups, and differential sex role treatment; and problems of deviant behavior such as crime, mental disorders, and drug abuse. Three units. (Not offered 1979-80)

244. Social Psychology

A general study of interpersonal behavior within the context of modern society. Topics and research in the areas of interpersonal attraction, aggression, social influence, and attitude formation will be discussed. The major theories in social psychology will be considered. Attention will be given to the relationship of social psychological principles to one's own interactions with others. Three units. Mrs. Muller.

246. Crime and Delinquency

An analysis of the causes, incidence, and consequences of crime in modern society. Attention will be given to specific forms of crime as well as contemporary methods of dealing with crime, such as prevention, treatment, and rehabilitation procedures. Three units. Mr. Muller.

250. Introduction to Social Work

An introductory course dealing with the dynamics of social work, focusing on basic concepts, considerations, treatment, and the problem-solving process. Careful consideration will be given to the process of social work, diagnosis and treatment, the social history, evaluation of some of the literature, and the exploration of resources. In addition, a discussion of the interview procedure,
counseling techniques, and a visit to a local social work agency will be included. Three units. (Not offered 1979-80)

251. Elementary Statistical Methods
See Psychology 251.

261. Introduction to Research Methods
See Psychology 261.

341. The Family
An analysis of current theory and research in respect to the three major areas of the course: dating, marriage, and the family. Topics to be covered include predictive factors of marital success, current alternatives to marriage, the two career family, and recent Christian approaches to the family. Three units. Mr. and Mrs. Muller.

342. Sociology and Psychology of Religion
A study of religion from the perspective of sociology and psychology rather than theology. Attention will be given to such topics as the dimensions of religiosity, religious socialization, civil religion in America, the secularization controversy, and the future of religion. Prerequisite: Soc 141. Three units. Mr. Muller. (Not offered 1979-80)

343. Sociology of Health
A study of social factors as they relate to illness. Attention will be given to the way in which social factors are etiologically related to illness as well as the way sociology can help understand the health institution such as the doctor-patient relationship and the delivery of health care services. Prerequisite: Soc 141. Three units. Mr. Muller.

344. Social Psychology of Groups
A study of the principles and dynamics of group relations with emphasis being given to such processes as decision making and problem solving. Time will also be devoted to in-class workshops to acquaint the student first hand with group interaction. The study of collective behavior will also be included. Prerequisite: Soc 244. Three units. Mrs. Muller.

345. Dynamics of Social Change
An analysis of the major trends and theories in social change. Topics such as innovation, diffusion, and resistance to change will be discussed. Students will be required to research and write a paper to be shared with the class in seminar format. Prerequisites: Soc 141 and 261. Three units. Mr. Muller. (Not offered 1979-80)

348. Readings in Marriage and Family Counseling
A reading course requiring the successful completion of Soc 341. The Family. Readings will be both assigned as well as selected by the student in order to enhance his knowledge of the principles, theories, and techniques of current marriage and family counseling. Three units. Mrs. Muller.

399. Independent Study
Special topics in sociology or anthropology.

402. History of Social Theory
A study of the development of social theory in recent western history. Theorists in the 19th century who will receive special emphasis will include Durkheim, Marx, and Weber; in the 20th century attention will be given to Sumner, Parks, Cooley, Mead, Parsons, and Merton. Prerequisite: Soc 141. Three units. Mr. Muller.

444. Practicum in Sociology
An opportunity for the student to work in a community agency bridging the gap between classroom learning and the needs and opportunities that exist within society. Prerequisite: Soc 141 and permission of the instructor. Four units.

490. Senior Seminar in Sociology
This course will consider how the student of sociology can apply his past learning in the discipline to his own life work. Special attention will be given to the relationship between the student's Christian commitment and his interest in the area(s) of social interaction, social concerns, and/or social institutions. Prerequisites: Soc 141, 251, 261, and 402. One unit. Mr. Muller.

Spanish

For departmental goals, see Foreign Language.

Core Requirements in Language

The options for fulfilling the language requirement are indicated in the description of the core curriculum on page 13. The language requirements for specific major programs should be checked with the department involved.

All students who have already begun Spanish in high school and who wish to fulfill the foreign language requirement in Spanish will be placed by an examination given at the beginning of the semester.

Requirements for Minor in Spanish

Sp 351. Advanced Spanish Grammar and Composition ........... 3
Sp 352. Spanish Phonetics and Diction .................................. 3
Sp 353. Advanced Spanish Conversation and Reading Practice 3
Sp 354. Introduction to Spanish Literature .................................. 3

Courses in Spanish

[79-80. Elementary Spanish]
An introduction to the Spanish language, with extensive practice in pronunciation, simple conversation, aural comprehension, fundamentals of grammar, and reading short passages. Basic sentence patterns and grammatical principles will be reinforced through a great many oral drills and written workbook exercises. Eight units. Mr. Shaw. (Not offered 1979-80)

81-82. Intermediate Spanish
Continued development of skills in speaking, understanding, reading, and writing Spanish, through an extensive review of grammar, selected reading in Spanish literature and culture, conversational practice, vocabulary development, and guided writing of compositions. Six units. Mr. Shaw.

[351. Advanced Spanish Grammar and Composition]
A study of fine points of grammar, with extensive writing practice on informal and formal topics, to develop facility in expressing oneself correctly in written form. Prerequisite: Spanish 81-82 or equivalent. Three units. Mr. Shaw. (Not offered 1979-80)

352. Spanish Phonetics and Diction
A detailed study of fine points of pronunciation, with extensive oral practice, to develop a more correct pronunciation and accent. Prerequisite or to be taken concurrently: Spanish 81-82 or equivalent. Three units. Mr. Shaw.
Teacher Education Program

Teacher Education Program Goals

In purposing to prepare and train Christian teachers we are concerned that the following characteristics be exhibited by each of our students. Each student should be able to demonstrate cognitively and experientially:

A. That the Word of God affects his or her understanding of:
1. the nature of the child
2. the nature of the learning process
3. the nature of the school curriculum (subject matter)
4. the nature of various teaching methodologies

B. The ability to examine carefully various secular and Christian insights, principles, and practices of education and utilize those which fit within the perspective developed in letter "A" above. The ability to apply those insights, principles, and practices should be demonstrated in a particular educational setting.

C. An awareness of the function and role of the Christian teacher both in the Christian and in the public school.

D. The ability to adapt to various educational settings by:
1. identifying pupil and community characteristics influencing the educational process
2. planning curriculum and selecting materials appropriate to the nature and abilities of the students involved
3. planning for, using, and evaluating various teaching methodologies appropriate for the subject matter and students

We further purpose to prepare our students for teacher certification in the State of Georgia. Currently this means they must demonstrate sufficient content knowledge in the area of certification by obtaining an acceptable score on the appropriate Criterion Referenced Test. Also, the student teacher must successfully demonstrate ability in the teaching competencies assessed by the Student Teacher/Beginning Teacher Assessment Instrument.

It is expected that these goals will be achieved through the general and professional education curriculum—a combination of classroom, course work and field experiences. Since teacher education should be thought of as an apprenticeship program, and our teachers will increasingly need to demonstrate their competence in certain teaching tasks, an early and fairly continual exposure to children and the actual teaching process will be a necessity. This would mean increased and more concentrated field work in different types of educational settings.

Requirements for Major in Elementary Education and for Elementary Certification (Grades 1-8)

Georgia T-4 Associate Professional (elementary) certification will be granted to persons who follow the program outlined below, who successfully perform on the Georgia Student Teacher Assessment Instrument, and who pass the Georgia Criterion Referenced Test.

General Education

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 201</td>
<td>Exploring Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Edu 221</td>
<td>Introduction to Education</td>
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</table>

Content of Teaching Field

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Edu 322</td>
<td>Teaching of Social Studies in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Edu 323</td>
<td>Teaching of Language Arts in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Edu 324</td>
<td>Teaching of Science in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Edu 325</td>
<td>Teaching of Mathematics in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Edu 326</td>
<td>Fundamentals of Reading</td>
<td>4</td>
</tr>
<tr>
<td>Edu 335</td>
<td>Physical Education in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>Edu 352</td>
<td>Music in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Edu 366</td>
<td>Literature for Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>Edu 394</td>
<td>Art for Children and Adolescents</td>
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Professional Education

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>Edu 201</td>
<td>Exploring Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Edu 221</td>
<td>Introduction to Education</td>
<td>3</td>
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</tbody>
</table>

353. Advanced Spanish Conversation and Reading Practice

Extensive conversational and vocabulary practice on a wide variety of topics, correlated with readings in current magazines and newspapers, to develop greater fluency and correctness in reading and in expressing oneself orally. Prerequisite: Spanish 81-82 or equivalent. Three units. Mr. Shaw.

354. Introduction to Spanish Literature

Reading of a selected series of literary works from a wide range of periods and authors, to begin to develop enjoyment in reading literature in the original language and appreciation for the richness and variety of the literature. Prerequisite: Spanish 81-82 or equivalent. Three units. Mr. Shaw. (Not offered 1979-80)
All courses in the professional education sequence must be taken as classroom courses. No more than six hours of the professional education courses may be transferred from another institution.

Planning a program leading to certification should begin in the sophomore year since certain required courses may be offered only in alternate years. A person desiring certification in a state other than Georgia should also begin planning early in his program. Information on certification requirements in all states is available in the office of the education department.

Courses in Education

Because of separate programs for early grades and middle grades certification, courses have been designed to meet the special needs and interests of either early grades or middle grades. Thus a student registering for Teaching of Social Studies in the Elementary School, Edu 321, would register for Edu 322-E if the concentration were for the early grades or Edu 322-M if the concentration were for the middle grades. Normally only one section of such courses will be taught with both early and middle grades teachers included, but assignments and tasks will differ according to the certification level desired. E and M designations are applicable to all the curriculum and methods courses and reading courses.

211. Curriculum Materials
A course designed to introduce students to the field of educational media. Students will be involved in the production of teaching materials and selection and utilization of teaching materials as pertains to the desired teaching area. Emphasis will also be placed upon gaining competence in the use of audiovisual equipment and duplicating processes. A multi-media product to be used in their teaching area is developed as well as a file of available media resources. Laboratory fee: $10.00 Three units. Miss Stigers.

221. Introduction to Education
A course designed to provide an introduction and exploration to the field of education. A Christian philosophical framework for education is developed, and then many facets of teaching are examined along with several current issues in education. Approximately 50 hours of field experience is included in this course so that students have ample opportunity to experience the practical aspects of teaching in a classroom. A major purpose of the field work is to help the student ascertain possible gifts for teaching and to understand through firsthand experience the nature and magnitude of the task of teaching. Four units. Mr. Graham.

222. Educational Psychology
The central concern of this course is the question, "How do people learn?" In answering that question, a biblical view of man, his behavior, and his relationship to learning is the starting point. Through the biblical framework, the major families of learning theory (behaviorism and cognitive-field psychology) are then examined to determine what things are acceptable and helpful to the Christian teacher. A prominent question is always, "How does this affect my teaching as a Christian?" The last part of the course emphasizes the measurement and evaluation of learning. Prerequisites: Edu 201 and 221 and admission to the Teacher Education Program (except for the non-teaching minors). Three units. Mr. Graham.

226. Teaching the Young Child
This course involves a study of children ages three, four, and five. It is intended to acquaint future pre-school nursery teachers with the extent to which early learning and the family affect the child’s development along with the purposes, programs, and possibilities of a nursery school. Special emphasis is placed upon developing Christian understandings and application to current issues in early childhood. Prerequisites: Edu 211, 222. Three units. Mr. Evearitt.

227. Early Childhood Practicum
This five-week practicum is the final component of the Associate of Arts program in Early Childhood (ages 3-5). This is a full-time participation experience in a pre-kindergarten school in which the student acts as the educational leader under qualified supervision.

321. Teaching of Bible
A course designed for students who expect to teach in Christian schools or work in an educational capacity within the structure of a church. The place of the Bible in the school curriculum, the content to be taught, and methods of teaching Bible are all portions of this course. Students are able to emphasize methods and content appropriate to the desired grade level or educational setting. This course is elective for education majors and any others who anticipate working in Christian institutions. Three units.

322. Teaching of Social Studies in the Elementary School
Social studies is distinguished from other areas in an elementary school curriculum by its focus on people interacting with one another. A course in social studies from a Christian perspective deals with man's relationship to God, others, himself and the world in which he finds himself. This course deals with the goals, teaching methods, materials, and assessment of social studies instruction. Prerequisites: Edu 211, 222. Three units. Mr. Evearitt.

323. Teaching of Language Arts in the Elementary School
An overview of the purpose and use of language from a Christian perspective forms the framework for this course. The student examines the goals, methods, materials, and evaluation of language listening, speaking, handwriting, spelling, and writing. It should be taken concurrently with Edu 366. Prerequisites: Edu 211, 222. Three units. Mr. Evearitt.

324. Teaching of Science in the Elementary School
The learner studies instructional procedures, materials, and evaluation in teaching biological and physical sciences in the elementary school. Prerequisites: Edu 211, 222. Three units.

325. Teaching of Mathematics in the Elementary School
This course involves a study of goals, methods, materials, and evaluation of mathematics instruction in the elementary school. Prerequisites: Edu 211, 222. Three units.

326. Fundamentals of Reading
This course includes a general survey of approaches to reading and a study of some critical analyses of these approaches. Special attention is devoted to the development of competence in teaching word attack skills. Direct application of the knowledge, skills, and attitudes will focus upon the problems confronting the reading teacher. Prerequisites: Edu 211, 222. Three units. Mr. Evearitt.

335. Physical Education in the Elementary School
See Physical Education 335. Required for elementary certification.

336. Physical Education in the Secondary School
See Physical Education 336.

340. Curriculum and Methods in the Secondary School
A course designed to develop an understanding of curricular content and teaching methodology in the various subject areas at the secondary school level. Students will be exposed to different
modes of structuring the school curriculum and will be expected to
devise teaching methodology that would be appropriate to such
varying structures. In particular the student is expected to under-
stand how a Christian philosophy regarding knowledge and the
child should be taken into account in structuring curriculum and
teaching methods. The teaching methods of Jesus are considered in
their application for teaching in any subject area. Students will be
able to emphasize study in the area of the curriculum which is their
particular concern. Prerequisites: Edu 221, 222. Three units. Mr. 
Graham.

352. Music in the Elementary School
See Music 352. Required for elementary certification.

353. Music in the Secondary School
See Music 353.

361. Education of Exceptional Children
A study of the definitions, characteristics, and etiological factors
of the following classifications of exceptional children is presented:
Mentally Retarded, Behaviorally Disordered, Physically Handi-
capped, Learning Disabled, and Intellectually Gifted. To aid class-
room teachers in meeting the needs of these students, training is
given in assessment techniques, observation procedures, and
diagnostic-prescriptive teaching. Individual programs with corre-
sponding materials and methods are developed. Prerequisite: Edu
221. Three units.

366. Literature for Children
See English 366. Required for elementary certification.

394. Art for Children
See Art 394. Required for elementary certification.

395. Junior Practicum
A concentrated full-time practicum in a school of the student's
choice. Students are given the opportunity to participate in a vari-
ety of activities in a school for a period of three weeks. Activities
will include a daily log, working with groups of children and
individuals, teaching, interviewing various school personnel,
working with the school administration, etc. This course is to be
taken in the May term. The student may select a school for this
course, but arrangements are to be made in conjunction with the
education department. Prerequisites: Edu 221, 222, and several
curriculum and methods courses. Two or three units.

400. Independent Study
Independent study in education may be pursued by qualified
students in accordance with established guidelines. See this
catalog page 13. Credit to be determined.

401. Special Topics
This course offers opportunities for study in various topics of
interest within the field of education. These may be short-term
courses offered during the semester or during the summer term.
Topics will be decided upon by the education department faculty
as need and interest arise, and some topics may be appropriate for
the continuing education of teachers in the field. Credit to be
determined.

416. Advanced Reading
This course builds upon and extends the concepts and skills
developed in Edu 326. Study includes an examination of interven-
tion strategies for the remediation of reading deficiencies, diagno-
tic testing, and an expansion of the approaches to teaching read-
ing. An effort will be made to relate theoretical and practical know-
ledge as applied to actual classroom situations. Emphasis will be
placed upon the numerous possibilities existing throughout the
day to reinforce and extend reading skills, regardless of the subject
area. Required for English majors pursuing certification on the
secondary level. Prerequisites: Edu 211, 221, 222, 326. Three units.
Mr. Everitt.

422/423. Teaching Practicum I and II—Elementary Education
For elementary education majors the professional semester is
divided into two teaching practicums. Actual teaching experience
is gained on a full-day basis during these practicums. No other
college course work is allowed during this period. A weekly semi-
nar is conducted with the college supervisor. Fee: $5.00. Total 15
units. Staff.

424. Teaching Practicum—Music Education, Physical Education,
Secondary Education
During the professional semester the first ten weeks are spent in
an actual teaching experience on a full-day basis. No other
college course work is allowed during this period. A weekly semi-
nar is conducted with the college supervisor, and the remaining
weeks of the semester are spent in other course work in the de-
partment. Fee: $5.00. Ten units. Staff.

430. Curriculum Integration Workshop
This course is a special time of concentrated study relating to an
understanding of how various academic disciplines can and should
be integrated in the school curriculum. Attention is given to the
central focus of biblical knowledge and how all knowledge relates
to such, and curriculum structure is examined and developed
through this special emphasis on integration. Materials will be
designed by students for use in future teaching experience, and the
writing of integrated teaching units will be part of the assigned
work. Prerequisite: Edu 424. Three units. Mr. Graham.

Faculty

(Year in parenthesis indicates date of joining Covenant's faculty)

ANDERSON, Charles W.
Professor of Biblical Studies (1964)
S.T.M., University of the South; B.D., Faith Theological Seminary; 
A.B., Wheaton College

AUSTIN, A. Kenneth
Professor of History (1972)
Ph.D., University of Georgia; M.A., East Tennessee State Univer-
sity; B.A., Gordon College; B.D., Westminster Theological Semi-

BARKER, Nicholas P.
Professor of English (1966)
Ph.D. and M.A., University of Minnesota; A.B., Princeton Univer-
sity

CLARK, Gordon H.
Professor of Philosophy (1975)
Ph.D., University of Pennsylvania; D.D., Reformed Episcopal
Seminary
CLARK, Raymond W.
Associate Professor Biblical Studies (1966)
Th.M., Trinity Evangelical Divinity School; B.D., Covenant Theological Seminary; B.R.Ed., Detroit Bible Institute

KELLOGG, Edward K.
Assistant Professor of Art (1973)
M.A. and B.A., San Diego State College

CUMMER, John P.
Associate Professor of Psychology (1970)
Ed.D., Florida State University; M.S., Indiana University; A.B., Wheaton College

KRIRMS, Frederick O.
Associate Professor of Business Administration (1979)
M.B.A., State University of New York at Albany; B.D., Reformed Episcopal Seminary; B.S., United States Naval Academy

DAMERON, Raymond H.
Professor of Physics (1964)
M.S., University of Tennessee at Chattanooga; B.S., Pennsylvania Military College; M.Div., Covenant Theological Seminary

KRABBENDAM, Hendrick
Associate Professor Biblical Studies (1973)

DONALDSON, Charles W.
Associate Professor of Chemistry (1967)
Ph.D., University of Pennsylvania; B.S., Wheaton College
(on sabbatical leave, fall semester, 1980)

LOTHERS, John E.
Professor of Biology (1966)
Ph.D., University of Kansas; M.S., Kansas State University; B.S., Oklahoma State University

GALL, David C.
M.M., Ph.D., Dropsie College; B.D., Faith Theological Seminary; B.A., Moravian College

MITCHELL, Hadley T.
Instructor in Economics (1980)
M.A.R., Westminster Theological Seminary; M.B.A., University of Colorado; B.A., Houghton College

GRAHAM, Donovan L.
Associate Professor of Education (1972)
Ed.D. and M.A., New Mexico State University; B.A., University of Northern Colorado

MOORE, Donna Ruth
Assistant Professor of Accounting (1980)
M.A., University of Alabama; B.S., Samford University

ESSENBURG, Martin
Professor of Education (1978)
Ph.D. and M.A., University of Michigan; A.B., Calvin College

MULLER, John S.
Associate Professor of Sociology (1971)
Ph.D. and M.S., Florida State University; B.A., Covenant College; B.D., Westminster Theological Seminary

FITZGERALD, Eugene F.
Assistant Professor of Physical Education (1973)
M.A., Michigan State University; B.A., Gordon College
(on leave of absence, 1980-81)

PARKER, Craig A.
Assistant Professor of Music (1972)
M.A. and B.A., Western Washington State College

FORTOSIS, David C.
Assistant Professor of Physical Education (1980)
B.S., Northwestern University; B.A., Wheaton College

RULON, Michael J.
Associate Professor of Psychology (1975)
Ph.D., Ohio State University; M.A., Humboldt State College; B.A., Westmont College

GILCHRIST, Paul R.
Professor of Biblical Studies (1967)
Ph.D., Dropsie College; B.D., Faith Theological Seminary; B.A., Columbia Bible College

SCHMIDT, Rudolph F.
Registrar (Associate Professor) (1955)
M.A.T., University of Tennessee at Chattanooga; A.B., Highland College

GRAHAM, Donovan L.
Associate Professor of Education (1972)
Ed.D. and M.A., New Mexico State University; B.A., University of Northern Colorado

SCHONER, Alta Ada
Associate Professor of English (1979)
Ph.D., Cornell University; B.A. Middlebury College

HALVORSEN, Ira David
Associate Professor of Music (1972)
M.M., Eastman School of Music; M.A., Ohio State University; A.B., Morningside College; B.D., Grace Theological Seminary

SHAW, Sanford W.
Assistant Professor of Modern Languages (1976)
Ph.D., Cornell University; B.A. Middlebury College

HALL, John
Professor of Music (1964)
Ph.D., Florida State University; M.M., Eastman School of Music; Mus.B., John Brown University

SIZEMORE, Douglas R.
Assistant Professor of Psychology (1974)
Ph.D., University of Northern Colorado; M.A., Conservative Baptist Theological Seminary; B.A., Taylor University

HEKMAN, Bruce A.
Associate Professor of English (1974)
Ph.D., University of Illinois; M.A., University of Michigan; A.B., Calvin College

SLENKER, Louis J.
Professor of History (1972)
Ph.D. and M.A., Loyola University; A.B., Calvin College; B.D., Westminster Theological Seminary

ASSOCIATE PROFESSOR OF ENGLISH (1972)
Ph.D., University of Arkansas; M.A. and B.S., Western Michigan University

HESSELINK, Paul K.
Associate Professor of English (1972)
Ph.D. and M.A., University of Chicago; A.B., Hope College

YOUNG, John M. L.
Professor of Biblical Studies and Missions (1967)
Th.M., Calvin Theological Seminary; B.D., Faith Theological Seminary; A.M. and A.B., Acadia University; D.D., Covenant Theological Seminary
Administration

President: Martin Essenburg, Ph.D.
Chancellor: Marion D. Barnes, Ph.D., LL.D.
Vice-President for Academic Affairs and Dean of the Faculty: Nicholas P. Barker, Ph.D.
Dean of Students: John P. Cummer, Ed.D.
Business Manager: Floyd E. Simmons, Jr., B.A.
Dean of Admissions and Records: Rudolph F. Schmidt, M.A.T.
Director of Planning and Enrollment Development: Charles W. Donaldson, Ph.D.

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JAMES J. KAUFMANN ..................................................Huntsville, Alabama
RALPH LANGFORD ..................................................Gadsden, Alabama
JOHN D. LOEKS, JR. ..................................................Grand Rapids, Michigan
Courses in Philosophy

Philosophy

Courses in Philosophy

Phil 303: Medieval and Renaissance Philosophy covers the period from Philo to Occam, and is offered for three units of credit.

Physical Education

Requirements for Georgia Certification in Physical Education, Grades K-12 (page 43)

These have been revised as follows:

Students interested in certification should consult with the chairman of the Teacher Education Program.

General Education

ID 31. Foundations of Modern Culture .................. 4
Bib 111, 113 or 129. Old Testament .................. 3
Bib 142 or 148. New Testament .................. 3
Bib 277-278. Christian Doctrine .................. 6
Eng 11-12. English Composition .................. 4
ID 91. Philosophy of Culture .................. 3
ID 92. Senior Integration Project .................. 2
Laboratory Science sequence .................. 8
Mathematics (Logic does not meet requirement) .................. 4
His 102. Trans-Atlantic Civilization .................. 4
Social Science (Psy 100 is recommended) .................. 8
Psy 303. Principles of Human Development .................. 4
PE 51-52. Health and Physical Education .................. 2
PE 55. First Aid and Personal Safety .................. 1

Teaching Field

Mus 161-162. Theory I .................. 6
Mus 163-164. Ear Training I .................. 2
Mus 261-262. Theory II .................. 6
Mus 263-264. Ear Training II .................. 2
Mus 282. Basic Conducting .................. 2

Mus 352. Music in the Elementary School .................. 2
Mus 353. Music in the Secondary School .................. 2
Mus 371-372. Music History and Literature .................. 6
Mus 381. Advanced Conducting .................. 2
Applied Music (major instrument) .................. 14
Music or Music Education electives, including Ensemble .................. 6
*Piano proficiency .................. 0
Concert and recital attendance (3 per semester) .................. 0
*Students should register for piano proficiency the semester in which they wish to take the examination.

Professional Education

Edu 211. Curriculum Materials .................. 3
Edu 221. Introduction to Education .................. 4
Edu 222. Educational Psychology .................. 3
Edu 361. Education of Exceptional Children .................. 3
Instrumental and Vocal Methods .................. 6
Edu 424. Teaching Practicum .................. 10
Edu 430. Curriculum Integration Workshop .................. 3

Courses in Music (page 40)

Mus 295-296: Brass Choir is now offered for one-half or for one unit per semester.

Mus 352. Music in the Elementary School .................. 2
Mus 353. Music in the Secondary School .................. 2
Mus 371-372. Music History and Literature .................. 6
Mus 381. Advanced Conducting .................. 2
Applied Music (major instrument) .................. 14
Music or Music Education electives, including Ensemble .................. 6
*Piano proficiency .................. 0
Concert and recital attendance (3 per semester) .................. 0
*Students should register for piano proficiency the semester in which they wish to take the examination.

Professional Education

Edu 211. Curriculum Materials .................. 3
Edu 221. Introduction to Education .................. 4
Edu 222. Educational Psychology .................. 3
Edu 361. Education of Exceptional Children .................. 3
Instrumental and Vocal Methods .................. 6
Edu 424. Teaching Practicum .................. 10
Edu 430. Curriculum Integration Workshop .................. 3

Courses in Music (page 40)

Mus 295-296: Brass Choir is now offered for one-half or for one unit per semester.
Physiology

Courses in Physics

- Phy 131-132: General Physics may now be taken only if at least one of the following prerequisites has been met: the student has passed Mat 22: Fundamentals of Mathematics or has earned a C or better in a higher level mathematics course; the student has tested out of the mathematics core requirement (see page 11, "Analysis"); or the student has qualified for and is taking a mathematics course of higher level than Mat 22: Fundamentals of Mathematics.
- Phy 231: Modern Physics and Phy 334: Quantum Mechanics are no longer offered.
- Phy 331: Electricity and Magnetism, Phy 332: Analytic Mechanics, and Phy 431-432: Special Topics in Physics are now offered for four units of credit each semester.

Pre-medical Studies

(page 46)

Students are advised that the best way to fulfill the prerequisites for medical school is to major in biology or chemistry. Early examination of catalogs from medical schools to which a student may apply can assure that all required and recommended courses will be taken.

Psychology

Requirements for Major in Psychology (page 47)

ID 92: Senior Integration Project is no longer required, since the work for it is now incorporated into Psy 491: Senior Integration Seminar.

Requirements for Georgia Secondary School Certification in the Behavioral Sciences (Grades 7-12) (page 47)

These have been revised as follows:

Because behavioral science teachers must take the social studies criterion referenced test for certification, it is important that they have sufficient academic background in history, government, economics, geography, etc., in addition to their studies in psychology and sociology. For further information, please consult with the Education Department.

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>Bib 111, 113 or 129, Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148, New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278, Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Eng 11-12, English Composition</td>
<td>4</td>
</tr>
<tr>
<td>Language sequence</td>
<td>6</td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111, Introduction to Art or Mus 171, Introduction to Music or Eng 112, Introduction to Literature or Eng 366, Literature for Children</td>
<td>3</td>
</tr>
<tr>
<td>ID 91, Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92, Senior Integration Project</td>
<td>2</td>
</tr>
</tbody>
</table>
(Eighteen of the teaching field units must be in upper-division courses.)

*Psy 100 and Psy 303 must be included

Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Edu 211. Curriculum Materials</td>
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</tr>
<tr>
<td>Edu 221. Introduction to Education</td>
<td>4</td>
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<tr>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
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<tr>
<td>Edu 361. Education of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>Edu 424. Teaching Practicum</td>
<td>10</td>
</tr>
<tr>
<td>Edu 430. Curriculum Integration Workshop</td>
<td>3</td>
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<tr>
<td>Laboratory Science sequence</td>
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</tbody>
</table>

Mathematics (Logic does not meet requirement) .......... 4
His 102. Trans-Atlantic Civilization ................. 4
Social Science (U. S. History, American Government, Economics recommended) ................. 8
PE 51-52. Health and Physical Education .......... 2
PE 55. First Aid and Personal Safety .......... 1

Teaching Fields (Interdisciplinary)

*Psychology or Sociology .... 24
*Sociology or Psychology .... 6
Anthropology ................. 6
Economics, Geography, or Political Science .... 3

Sociology

Requirements for Georgia Secondary School Certification in the Behavioral Sciences (Grades 7-12) (page 50)

These have been revised as follows:

Because behavioral science teachers must take the social studies criterion referenced test for certification, it is important that they have sufficient academic background in history, government, economics, geography, etc., in addition to their studies in psychology and sociology. For further information, please consult with the Education Department.

General Education

<table>
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<tr>
<th>Course</th>
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</tr>
<tr>
<td>Language sequence</td>
<td>6</td>
</tr>
<tr>
<td>ID 36. Perspectives on the Arts</td>
<td>1</td>
</tr>
<tr>
<td>Art 111. Introduction to Art or</td>
<td></td>
</tr>
<tr>
<td>Mus 171. Introduction to Music or</td>
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<tr>
<td>Eng 112. Introduction to Literature or</td>
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</tr>
<tr>
<td>Eng 366. Literature for Children</td>
<td>3</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
</tbody>
</table>

Laboratory Science sequence .... 8
Mathematics (Logic does not meet requirement) .......... 4
His 102. Trans-Atlantic Civilization ................. 4
Social Science (U. S. History, American Government, Economics recommended) ................. 8
PE 51-52. Health and Physical Education .......... 2
PE 55. First Aid and Personal Safety .......... 1

Teaching Fields (Interdisciplinary)

*Psychology or Sociology .... 24
*Sociology or Psychology .... 6
Anthropology ................. 6
Economics, Geography, or Political Science .... 3

(Eighteen of the teaching field units must be in upper-division courses.)

*Psy 100 and Psy 303 must be included

Teacher Education Program

Requirements for Programs (pages 52-53)

Certification requirements and programs outlined in this supplement are relevant to those students who would complete graduation and certification requirements after September 1, 1981. Students who would complete such requirements prior to that date should consult the original 1979-80 Covenant College catalog for applicable requirements.

Requirements for Georgia Teacher Certification

A Georgia T-4 Associate Professional certificate will be granted to persons who complete one of the programs outlined below, who successfully perform on the Georgia Student Teacher Assessment Instrument, and who pass the Georgia Criterion Referenced Test in the subject area and certification level desired.

All courses in the professional education sequence must be taken as classroom courses unless special arrangements are made with the Education Department. No more than six hours of the professional education courses may be transferred from another institution.

Planning a program leading to certification should begin in the freshman year since required courses must be taken in sequence and core requirements must be taken early in the college program in order to avoid scheduling conflicts later on. Persons desiring certification in a state other than Georgia should also begin planning early.
in the program in order to meet requirements of the state in concern.
Information on the certification requirements in all states is available in the office of the Teacher Education Department.

Students wishing to be certified at the elementary level must select either the Early Grades or Middle Grades certification program early in their college program. Early Grades certification is available for grades K-4, and Middle Grades certification applies to grades 4-8. Preparation programs differ for the two levels so students must pay careful attention to the requirements of the program in which they are interested.

Students wishing certification at the secondary level (grades 7-12) must meet the requirements of a major in an academic discipline and also the requirements of the teaching minor in education. Secondary certification is available in English, history, science, and behavioral science.

Students wishing certification in music or physical education (grades K-12) may be granted such upon completion of the requirements listed under the separate departments.

Admission to the Teacher Education Program

All prospective teachers must take Education 221 (Introduction to Education) before they will be allowed to enter the teacher education program. Application may be made through completing forms available in the education office. When approval to enter the program has been granted by the Teacher Education Program Committee, the prospective teacher may continue with other education courses. No professional education course work is to be applied toward certification requirements until Education 221 has been successfully completed and approval to enter the program has been granted. Specific requirements for admission are:

1. Completion of Education 221 with a grade of C- or better.
2. A personal interview with a faculty member of the Education Department.
3. Completion of a least 26 semester units of credit.
4. A cumulative GPA of 2.0 or better.
5. Completion of at least one semester in residence at Covenant.
6. A recommendation by an adult who has some knowledge of the candidate’s personal qualifications for the teaching profession.

Student Teaching and the Professional Semester

Persons desiring to student teach must formally apply and be approved by the Teacher Education Program Committee prior to the professional semester. Forms for this application are available in the teacher education office and must be completed before the student can be considered for student teaching. The requirements for eligibility are:

1. Acceptance into the teacher education program at least one semester prior to application for student teaching.
2. Completion of Education 221, 222, and the necessary and appropriate teaching methods courses with the grade of C- or better in each.
3. A cumulative grade-point average of 2.0 or better by the semester prior to application for student teaching.
4. Completion of at least 58 semester units of credit.
5. A recommendation by a professor in the major discipline.

The professional semester is divided into two parts for elementary education majors. The purpose is to allow for a more varied and total practicum experience, and to achieve this elementary education majors are placed into two different student teaching situations during the professional semester. One of the practicum experiences may be arranged to be done in a school at some distance from the college. Such arrangements must be worked out with the prior approval of the Education Department, but we encourage students to look into possibilities which might enrich their professional semester experience.

The professional semester for secondary education, music education, and physical education teachers consists of a ten-week practicum at the beginning of the semester. The practicum is followed by the course entitled Curriculum Integration Workshop, and this course is to be taken and completed during the remaining weeks of the professional semester. All secondary, music, and physical education student teachers will take this course at the prescribed time. During the practicum weeks of the professional semester no student will be allowed to engage in any other course work, be it classroom, correspondence or independent study. Students are also encouraged to avoid any time consuming jobs during the practicum experience, because full-time effort is needed for an adequate performance.

Teacher Education Programs

Elementary Education Major—Early Grades (K-4) Certification

General Education Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td>Bib 111, 113 or 129. Old Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 142 or 148. New Testament</td>
<td>3</td>
</tr>
<tr>
<td>Bib 277-278. Christian Doctrine</td>
<td>6</td>
</tr>
<tr>
<td>Language sequence</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td></td>
</tr>
<tr>
<td>His 102. Trans-Atlantic Civilization</td>
<td>4</td>
</tr>
<tr>
<td>Social Science (Psy 100 recommended)</td>
<td>4</td>
</tr>
<tr>
<td>Psy 303. Principles of Human Development</td>
<td>4</td>
</tr>
<tr>
<td>Math/Science</td>
<td></td>
</tr>
<tr>
<td>Mathematic (Logic does not meet this</td>
<td>4</td>
</tr>
<tr>
<td>requirement)</td>
<td></td>
</tr>
<tr>
<td>Laboratory Science (Nat Sci 105 and Bio 101</td>
<td>12</td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>ID 31. Foundations of Modern Culture</td>
<td>4</td>
</tr>
<tr>
<td>Eng 11-12. English Composition</td>
<td>4</td>
</tr>
<tr>
<td>ID 91. Philosophy of Culture</td>
<td>3</td>
</tr>
<tr>
<td>ID 92. Senior Integration Project</td>
<td>2</td>
</tr>
<tr>
<td>PE 51-52. Health and Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 55. First Aid and Personal Safety</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>59</td>
</tr>
</tbody>
</table>

Teaching Field

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curriculum and Methods I</td>
<td></td>
</tr>
<tr>
<td>Edu 335. Physical Education in the Elem. Sch</td>
<td>2</td>
</tr>
<tr>
<td>Edu 352. Music in the Elementary School</td>
<td>2</td>
</tr>
<tr>
<td>Edu 394. Art for Children</td>
<td>2</td>
</tr>
<tr>
<td>Curriculum and Methods II</td>
<td></td>
</tr>
<tr>
<td>Edu 323. Teaching of Language Arts in the</td>
<td>3</td>
</tr>
<tr>
<td>Elementary School</td>
<td></td>
</tr>
<tr>
<td>Edu 366. Literature for Children</td>
<td>3</td>
</tr>
<tr>
<td>Curriculum and Methods III</td>
<td></td>
</tr>
</tbody>
</table>

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### Elementary Education Major—Middle Grades (4-8) Certification

#### General Education Core
Same as for Early Grades certification ........................................ 59

#### Teaching Field (General)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 322. Teaching of Social Studies in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>Edu 324. Teaching of Science in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>Edu 325. Teaching of Mathematics in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Edu 361. Education of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>Edu 422. Practicum I</td>
<td>7½</td>
</tr>
<tr>
<td>Edu 423. Practicum II</td>
<td>7½</td>
</tr>
</tbody>
</table>

Total 27

#### Electives
Edu 326. Fundamentals of Reading ........................................ 3
Edu 416. Advanced Reading .................................................. 3

Total 12

Total 126

1 additional unit—special project ........................................ 1

### Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 324. Teaching of Science in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>9 additional units in Science above core requirement—4 of which must be 200 level or above, 1 of which may be a special project</td>
<td>9</td>
</tr>
</tbody>
</table>

Total 12

### Social Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 322. Teaching of Social Studies in the Elementary School</td>
<td>3</td>
</tr>
<tr>
<td>9 additional units in Social Studies—3 of which must be above 200 level</td>
<td>9</td>
</tr>
</tbody>
</table>

#### Concentration II: Select one of the following subject areas or another from the subject areas listed below:

**Art**
Edu 394. Art for Children .................................................................. 2
10 additional units in art—4 of which must be above 200 level .......... 10

Total 12

**Music**
Edu 352. Music in the Elementary School ....................................... 2
10 additional units in music—4 of which must be above 200 level ........ 10

Total 12

**Physical Education**
Edu 335. Physical Education in the Elementary School ...................... 2
10 additional units in physical education—4 of which must be above 200 level, a few may be activity courses .... 10

Total 12

#### Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 211. Curriculum Materials</td>
<td>3</td>
</tr>
<tr>
<td>Edu 221. Introduction to Education</td>
<td>4</td>
</tr>
<tr>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Edu 361. Education of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>Edu 422. Practicum I</td>
<td>7½</td>
</tr>
<tr>
<td>Edu 423. Practicum II</td>
<td>7½</td>
</tr>
</tbody>
</table>

Total 28

#### Electives
Varies with the concentration chosen. Total number of hours must be at least 126.

### Music Education Certification (K-12)

#### General Education Core
See certification requirements under Music Education major .................. 53

#### Teaching Field
See certification requirements under Music Education major .................. 50

#### Professional Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 211. Curriculum Materials</td>
<td>3</td>
</tr>
<tr>
<td>Edu 221. Introduction to Education</td>
<td>4</td>
</tr>
<tr>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Edu 361. Education of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>Instrumental and Vocal Methods</td>
<td>6</td>
</tr>
<tr>
<td>Edu 424. Practicum</td>
<td>10</td>
</tr>
</tbody>
</table>

xiii
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edu 430</td>
<td>Curriculum Integration Workshop</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

**Physical Education Certification (K-12)**

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Core</strong></td>
<td></td>
<td>See certification requirements under</td>
<td>62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physical Education major</td>
<td></td>
</tr>
<tr>
<td><strong>Teaching Field</strong></td>
<td></td>
<td>See certification requirements under</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physical Education major</td>
<td></td>
</tr>
<tr>
<td><strong>Professional Education</strong></td>
<td></td>
<td>Edu 211. Curriculum Materials</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 221. Introduction to Education</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 361. Education of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 424. Practicum</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 430. Curriculum Integration Workshop</td>
<td>26</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
<td>Varies with the major chosen. A minor in an academic discipline is recommended (but not required) for secondary certification students.</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td>135</td>
</tr>
</tbody>
</table>

**Secondary Education Certification (Behavioral Science, English, History, Science; 7-12)**

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Core</strong></td>
<td></td>
<td>See certification requirements under</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>appropriate major</td>
<td></td>
</tr>
<tr>
<td><strong>Teaching Field</strong></td>
<td></td>
<td>See certification requirements under</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>appropriate major</td>
<td></td>
</tr>
<tr>
<td><strong>Professional Education</strong></td>
<td></td>
<td>Edu 211. Curriculum Materials</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 221. Introduction to Education</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 222. Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 361. Education of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 424. Practicum</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edu 430. Curriculum Integration Workshop</td>
<td>29</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
<td>Varies with the major chosen. A minor in an academic discipline is recommended (but not required) for secondary certification students.</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total</strong></td>
<td>126</td>
</tr>
</tbody>
</table>

Total number of hours must be at least 126.