

BULLETIN OF METHODIST COLLEGE / 1977-78

Academic Bulletin Issue

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1977-78 ACADEMIC CALENDAR

1977

August	26	Friday	(8:30 a.m.) CLEP Exams for entering students.
August	27	Saturday	(9:00 a.m.) Orientation staff processing. (10:00 a.m.) Residence Halls open: Registration of new students begins. "Freshman Weekend '77."
August	28	Sunday	(11:00 a.m.) Freshman Weekend worship service. Orientation activities continue.
August	29	Monday	(8:30 a.m.) Math placement test for entering students. (9:00 a.m.) Registration of returning students begins. (10:00 a.m.) English Diagnostic Exams for entering freshmen. Last day of registration for all students without penalty fee.
August	30	Tuesday	(8:30 a.m.) Classes begin.
September	6	Tuesday	Last day permitted to enter classes.
September	20	Tuesday	Last day permitted to drop classes without WF grade.
October	18-19	Tues.-Wed.	Finals for block courses.
October	19	Wednesday	Finals for Science 109 courses.
October	20	Thursday	Student teachers report to assigned schools.
October	21	Friday	New courses begin for Science 109 series. Mid-term grades are due in the Registrar's Office.
November	15	Tuesday	Registration for returning students, Spring Semester, 1977-78
November	23	Wednesday	Lunch last meal served. Dorms close at 5:00 p.m. for Thanksgiving holidays.
November	28	Monday	(8:30 a.m.) Classes resume.
December	12-16	Mon.-Fri.	First Semester Final Examinations.
December	16	Friday	Lunch will be the last meal served. Dorms close at 5:00 p.m. All dorm students are expected to leave 24 hours after their last examination.
December	18	Sunday	Graduation exercises.

1978

January	10	Tuesday	(2:00 p.m.) Residence Halls open for New Students. Supper will be first meal served. Registration begins.
January	11	Wednesday	New student orientation and registration for returning students. Last day of registration without penalty fee.
January	12	Thursday	(8:30 a.m.) Classes begin.
January	19	Thursday	Last day permitted to enter classes.
February	2	Thursday	Last day permitted to drop classes without WF grade.

March	1	Wednesday	Finals for Science 109 courses.
March	1-2	Wed.-Thurs.	Finals for block courses.
March	3	Friday	Mid-term grades due in the Registrar's office. New Science 109 classes begin.
March	6	Monday	Student teachers report to assigned schools.
March	10	Friday	Lunch last meal served. Dorms close at 5:00 p.m. for Spring Vacation.
March	19	Sunday	(2:00 p.m.) Dorms open. Supper will be the first meal served.
March	20	Monday	(8:30 a.m.) Classes resume.
April	19	Wednesday	Registration for returning students, Fall Semester, 1978-79.
May	1-5	Mon.-Fri.	Second Semester Final Examinations.
May	5	Friday	Lunch will be the last meal served. All dorm students are expected to leave 24 hours after their last exam.
May	7	Sunday	(10:30 a.m.) Baccalaureate Service. (2:00 p.m.) Graduation Exercises.

Summer Session 1978

Term I	May 8—May 26
Term II	June 12—July 14
Term III	July 17—August 24
August 25	Friday Graduation Exercises

Evening College 1977-78

Term I	August 29—October 13
Term II	October 17—December 8 (no classes Nov. 23-26)
Term III	January 16—March 2
Term IV	March 6—April 27
Term V	May 8—June 29 (no classes June 5-9)
Term VI	July 10—August 24

Week-End College

August 27—December 10 (no classes
Sept. 3, Nov. 26)

PURPOSE

As an institution of higher learning established by the Church whose name it bears, Methodist College undertakes to fulfill its purpose through a dedication of two fundamental ideals: academic excellence and the Christian concept of life. These premises undergird the college's objectives as set forth in the charter drawn up by its founders: "... for the purpose of Christian higher education and to extend the influence of science, art and Christian culture."

Because of a firm conviction that the more important aims of higher education are achieved only through ministering to the full potential of the student as a person and by embracing the broader spectrum of knowledge and culture, the college is committed to the liberal arts concept in its academic program. It is believed that a broad background of knowledge in the Natural and Social Sciences and in the Humanities is essential to the preparation of students for successful and satisfying life experience, and for playing significant roles in the society of which they are a part. This should provide motivation for a continuing quest for further knowledge throughout the individual's lifetime.

Equally firm is the conviction that moral and spiritual values should be inseparable from intellectual values. Adherence to Christian ideals and principles is seen as demanding an unwavering quest for academic excellence, which is defined as the creation of a learning situation enabling each student to develop his God-given capabilities to the fullest degree possible. Likewise, higher education is entitled to be described as "Christian" primarily by virtue of its presuppositions as to the true identity and significance of the person to be educated and as to the ultimate meaning of the educational enterprise. In the case of the former, the individual student is seen as a child of God and as having infinite worth and potential because of that relationship. In the case of the latter, the meaning of life itself is regarded as the opportunity for the enrichment and deepening of the God-man relationship. Such a goal is to be attained through the development of greater human intellectual and spiritual capacity, along with moral refinement and strengthening of character. The college program in its entirety should involve both intellectual and spiritual discipline; it should stress the development of critical powers of inquiry, flexibility of mind, a scholarly approach to study, the ability to think independently, tolerance and respect for all mankind, and motivation to creative activity in service to others.

ACADEMIC RECOGNITION

In November of 1966 Methodist College received full accreditation by the Southern Association of Colleges and Schools. This action came at the earliest possible time, following the graduation of the required first three classes, in June of 1966. Accreditation was retroactive to the first graduating class.

The college is a member of:

- The Southern Association of Colleges and Schools
- The North Carolina Association of College and Universities
- The American Council on Education
- The Association of American Colleges
- The North Carolina Association of Independent College and Universities

The college is approved by:

- The North Carolina Department of Public Instruction and State Board of Education for the in-service preparation of public school teachers.
- The University Senate of The United Methodist General Board of Education for the undergraduate training of ministers and Christian education workers.

GENERAL ACADEMIC REGULATIONS

Admissions Policy

Methodist College admits academically qualified students of any race, color, sex, national or ethnic origin, or of any religious faith. Those so admitted are entitled to all privileges, programs or activities available to students of the college and are considered without discrimination in the administration of all educational policies and standards, scholarships or other financial assistance, as well as extra-curricular activities. Applicants for admission should consult the college's **Admissions Catalog**.

Registration

The time for registration is designated in the academic calendar. Students will not be permitted to attend any class until they have completed their registration.

Students will not be permitted to register after the date designated in the academic calendar as "last day permitted to enter classes." A penalty of \$5.00 is imposed when fees are paid on or after the date designated for "classes begin" in the academic calendar.

Student's Responsibility

Every student admitted to Methodist College is admitted to a degree program which normally is completed in four academic years, or less. The college provides extensive counseling resources and every student has a faculty advisor to assist in planning and following a program with the minimum of difficulty. However, each student, as a young adult is responsible for his/her own program, in the final analysis. If a student is ever in doubt about any matter he/she should consult the advisor and/or appropriate administrative officers before taking action.

Course Load

The student's normal course load is 15 to 17 semester-hours. Students who make the Dean's List in the previous semester or have a total grade-point average of 3.20 or higher, may register for 18 semester-hours with the approval of the faculty advisor. All students must have the approval of the Academic Dean for 19, or more, semester-hours. An additional fee per semester hour will be charged for each academic semester-hour over 17.

Changing Courses or Dropping Courses

Students will not be permitted, except in extraordinary situations, to make changes in courses later than the deadline specified for that purpose in the academic calendar. After that date the dropping of a course entails a grade of WF, except in extenuating circumstances acceptable to the instructor and the academic dean. The dropping of any course at any time MUST be processed through the office of the registrar. It cannot be done by simply ceasing to attend a class for which one has registered. Unless carried out through proper channels a "drop" entails a grade of "F" for the course involved. All changes in academic programs must have the approval of the student's advisor before formal action is requested through administrative channels.

Transfer Credits

Any student wishing to enroll in a course or courses at another institution during the summer, or at any time, for transfer of credits back to Methodist College, must obtain official approval if credit is to be granted. Application must be made through the office of the registrar and approval granted **prior** to enrollment at the other institution. Proper identification and content description of courses involved should be furnished the Methodist College registrar at time of application. This same requirement applies to all CLEP examinations taken by individuals for academic credit, although not to such examinations administered by Methodist College for Merit Scholarship Award purposes.

Experiential Learning Credits

Opportunities for gaining academic credit for certain educational experiences are available on a limited basis and with carefully prescribed criteria. Some departments offer field work courses. Others take account of life experiences. (See programs in Business Administration, Foreign Languages, Religion and Social Work).

Classification of Students

1. **FULL-TIME STUDENTS:** Those enrolled in any semester (two terms of Evening College or up to three terms of the Summer Session) for 12 or more semester-hours.
2. **PART-TIME STUDENTS:** Those enrolled for less than 12 semester-hours in circumstances as listed above.

3. **SPECIAL STUDENTS:** Those not enrolled in an academic program but wishing special educational or professional skills opportunities and considered by the college as capable of completing the requirements of the course or courses to which they are admitted.
4. **CLASS STANDINGS:** Students are classified according to the following numbers of semester-hours completed:

Freshmen	0-30 s.h.
Sophomores	31-62 s.h.
Juniors	63-94 s.h.
Seniors	95-128 s.h.

Dormitory students whose academic load drops below 12 semester-hours may not be normally classified as "fulltime students" and are not eligible for continued dormitory residence unless specific authorization to continue is obtained from the Dean of Students.

Academic Requirements for Continuance in College

Full-time students are expected to make normal progress toward graduation, which requires a cumulative average of 2.00 or better. A student must maintain the academic record indicated below to be in good standing in the college:

1. A minimum cumulative grade-point average of 1.30 at the end of the spring semester of the first academic year.*
2. A minimum cumulative grade-point average of 1.70 at the end of the spring semester of the second academic year.
3. A minimum cumulative grade-point average of 1.90 at the end of the spring semester of the third academic year.
4. A minimum cumulative grade-point average of 2.00 at the end of the spring semester of the fourth academic year, and thereafter.
5. A full-time student who does not pass at least 16 semester hours in two successive semesters will be suspended.

A student who does not maintain the required standard will be given an **academic warning**. If the student fails to raise the cumulative grade-point average to the next required standard by the end of the following fall semester, he/she will be placed on **strict academic probation**. The student who is placed on this probation will: (1) repeat as many failing or other low grades as possible; (2) take a full academic load of 15 or 16 semester-hours; (3) be ineligible for intercollegiate sports, intramural sports, student office and other extracurricular activities; (4) report regularly to a special faculty advisor who will supervise students placed on strict academic probation, and (5) become scholastically ineligible to continue at Methodist College if he/she does not attain the next required grade-point average by the end of the one semester of strict academic probation.

The student who has been given notice of **academic warning** status should likewise repeat immediately, if possible, any course or courses in which failing or low grades have been received. This should be done instead of attempting a full schedule of completely new courses and is the best means the student has of avoiding the more serious status of **strict academic probation**. Every student, including any on **academic warning** status or on **strict academic probation**, or even any who have been declared scholastically ineligible at the end of the spring semester, may utilize the Methodist College Summer Session for repeating failed courses or those in which low grades have been received, if such courses are being offered in the Summer Session. Those who so utilize the Summer Session and whose performances bring their grade-point averages to the required standard may be allowed to continue in the academic program in the fall.

The faculty Committee on Academic Standards makes final disposition in all **special** cases involving students whose records do not meet the required standards because of personal emergencies or other extenuating circumstances. The committee will consider only those cases referred to it by the Academic Dean and will make its report to the Dean, who will in each case inform the student of the decision reached.

*College attendance in the first and/or the second semester will constitute an academic year.

A student who has been suspended because of failure to maintain scholastic eligibility may apply for readmission after a waiting period of one semester. The faculty Committee on Admissions will determine whether or not that student may be readmitted at the end of the waiting period. Readmission is **not** automatic. Application for readmission must be made through the office of the Director of Admissions.

A transfer student must maintain a cumulative grade-point average in all courses attempted at Methodist College equal to that required of students at the same stage of progress who initially enrolled at Methodist College. A transfer student who fails to meet this requirement will be placed on academic warning and be subject to strict academic probation on the same basis as outlined above for all other students.

The faculty has stipulated that the student who has failed courses at Methodist College (or repeats courses in which a grade of D was received) must repeat those same courses at Methodist College only. Any exception, for reasons of personal hardship, must be recommended by the student's faculty advisor and approved by the Academic Dean. When courses are so repeated, the semester-hours involved will be charged against the student's record only once, and the most recent grade received must be used in computing grade-point averages.

Class Attendance

The following statement of policy and the procedures to implement it have been adopted by the faculty:

- A. Regular class attendance is a student obligation, and the student is responsible for all the work, including tests, laboratories and written work, of all class meetings. No right or privilege exists which permits a student to be absent from any given number of class meetings.

Instructors will keep attendance records in all classes. If a student misses three consecutive class meetings the instructor will make such report to the Academic Dean. If a student has excessive absences to the extent to which dismissal from the course appears to be the appropriate action, the instructor will make such recommendation to the Academic Dean and will so notify the student. The Dean will make the final disposition.

In the event of a public request, college-sponsored activities or family emergency, the Dean of Students is vested with authority to excuse such student or students involved and will report such excuses to the appropriate instructor. Work missed because of these absences must be made up.

B. Procedures

1. The attendance policy of each instructor as it applies to his various classes is to be set forth in writing and distributed to class members at the beginning of the semester. No policy shall provide for unlimited absences.
2. The instructor will report the total number of absences of each student at the end of the semester, using grade sheets supplied by the Registrar.
3. When an instructor reports to the Academic Dean the continuous absence of any student for a period of one week or more, the Academic Dean may request the appropriate Student Dean to investigate. If the investigation provides information of a significant nature, the Academic Dean will advise the instructor.
4. The authority to excuse students from classes in cases of public request, college-sponsored activities or family emergencies may be delegated to the Dean of Students. This privilege does not apply, however, to any student who has missed the equivalent of six sessions of a regular three semester-hour class which meets three days a week, or four sessions of a three semester-hour class which meets two days per week. If the student loses the privilege of being excused by the appropriate dean, the decision to excuse that student from class lies with the appropriate instructor.

Withdrawal From The College

A student who voluntarily or involuntarily withdraws from the college before the mid-term grading period will have no academic record for the semester. A student withdrawing after the mid-term grading period will receive a grade of WP or WF as designated by the instructor. A student withdrawing from an individual course after the "drop date" will receive a grade of WF on the

course, except in extenuating circumstances with approval of the Dean of the College and the instructor.

The student who withdraws from the college **must** follow a special procedure in order to gain clearance. The student should go first to the office of the Dean of Students, where a form will be provided. This form must be signed by all the appropriate college officials indicated on the form and returned as directed. Only by following this procedure may the student be assured of having academic records released by the Registrar.

Progress Reports

Semester reports of academic progress of each student will be provided students and copies mailed to parents or guardians. Mid-semester reports of grades of D and F will be provided students, and copies mailed to parents or guardians **upon request**. Such requests should be addressed to the Registrar, Methodist College.

Grading System

The quality of work of students in each course will be evaluated according to the following system:

Symbol	Per Hour	Meaning
A	4	Excellent
B	3	Good
C	2	Satisfactory
D	1	Passing
F	0	Failure
P	—	Passed
IP	—	In Progress*
I	—	Incomplete*
WP	—	Withdrew Passing
WF	—	Withdrew Failing

The student's grade-point average (GPA) is determined by dividing the number of quality-points earned by the number of semester-hours attempted. Juniors and Seniors may take one elective course per semester on a pass-fail basis. The grade received in such a course does not affect the grade-point average. If the course is passed the student receives credit for the appropriate number of semester hours, which count toward fulfillment of degree requirements if the student has elective opportunities remaining.

Grades of Incomplete

The faculty has established a policy that grades of Incomplete should be reported only in those cases in which the student has suffered serious illness preventing his fulfillment of course requirements, or cannot do so because of some other "compelling reason." Any student so affected must work out with the instructor an acceptable schedule for completion of course work. However, the student has only until the end of the following semester to remove the Incomplete grade; if this is not done the grade automatically becomes an F. For purposes of removal of an Incomplete, the three terms of the Summer Session constitute one semester. In computation of the student's grade-point average a grade of Incomplete must have the value of an F until it is removed.

The Dean's List

The Dean's List consists of the names of students who have achieved a 3.20 or better grade-point average during the semester on a total load of 15 or more semester-hours. The student's semester record must also include no grades of D, F, or Incomplete.

The President's List

Those students who achieve a grade-point average of 4.00 on an academic load of 15 or more semester-hours will be named to The President' List.

*Must have grade computation value of F until removed.

Graduation With Honors

Students who have fulfilled residency requirements (see below) and who have earned the prescribed grade-point average may graduate with the following honors:

Summa Cum Laude	3.90
Magna Cum Laude	3.70
Cum Laude	3.40

Any candidate for such honors must have been a full-time student at Methodist College for at least two semesters prior to the one in which candidacy is being considered. The student's total academic record will be used in consideration for honors, except that in the case of a student who transfers to Methodist College with a higher grade-point average than he or she subsequently earns here, only the Methodist College record will be considered.

Declaration of Intent to Graduate

Any student who wishes to become a candidate for a Methodist College degree must file with the Registrar a written declaration of intent to graduate which specifies the date (month and year) of expected graduation. This written declaration must be received by the Registrar prior to the October meeting of the faculty in the cases of those expecting to graduate at mid-year exercises; it must be received by the Registrar prior to the March meeting of the faculty in the cases of those expecting to graduate in May or August of that academic year.

Graduation Exercises

The college conducts one formal graduation exercise each year for those students who qualify for a degree within that period. This exercise is conducted at the end of the spring semester, usually in May. This is a formal commencement program that includes both a baccalaureate service and graduation exercises, conducted with formal academic processional and traditional academic regalia. However, for the personal convenience of some who may finish their degree programs out of the normal sequence and who may find it difficult or impossible to get back to campus for a formal commencement exercise in May, the college provides informal graduation exercises in late August and in December. Every degree candidate has the privilege of participating in the formal exercise in May instead of in the August or December exercises. However, it is not permissible to participate in more than one such exercise.

Right to Change Requirements

The faculty reserves the right to change academic curricula and requirements, most such changes to take effect on dates specified. However, in the case of the specific requirements listed elsewhere in this publication under the title "Summary of Requirements for Graduation" and "Basic Course Requirements," the student's program will be governed by the terms set forth in the *Academic Bulletin* in effect at the date of entry into Methodist College, or as set forth in a subsequent *Bulletin* during the period of enrollment. In this event the student accepts the **total** requirements of the subsequent bulletin: there cannot be a selection of some requirements from each of the two bulletins. If the student wishes to exercise this option, he must notify the College Registrar **in writing** at least one full semester in advance of the expected date of graduation. No student may graduate under terms of any bulletin dated more than six years prior to the graduation date.

Independent Study and Directed Study

Opportunities for upperclass students (usually seniors) to engage in special research or independent study in their major fields and under guidance of a faculty member are offered by many departments. They carry the course number designation 485. Registration for these courses is the same as for any other, but departmental permission may be required in some cases.

A different program identified as "directed study" (tutorial) has been approved by the faculty, subject to certain conditions: (1) normally, directed study opportunities must be limited to Term III of the Summer Session; (2) in cases of special hardship the student seeking admission to this program during a regular semester must apply to the Academic Dean. The dean will, if the request is approved, undertake to make necessary arrangements with an appropriate instructor. However, the faculty has specified that in such cases only courses **beyond** the introductory level (usually numbered in the 100 series, with a few in the 200 series) may be taken.

SUMMER SESSION

Each year Methodist College conducts a summer session for the benefit of its own students wishing to improve academic records or to accelerate their progress toward a degree; for area residents who attend other institutions of higher education and wish to utilize their summers at home to advance their own programs; for public school teachers working toward certification renewal or professional advancement, and for others who, as special students, wish to take advantage of cultural or educational opportunities.

Because of the college's "early calendar" for the regular academic year it is possible to conduct a summer session of three terms, the first beginning about mid-May and the last terminating in late August. The student who completes successfully the maximum number of courses allowable in each term can accumulate 15 semester-hours of academic credits, approximately equivalent to a full semester's work in the regular academic year.

Although the summer curriculum is somewhat less extensive than that of the regular academic semester, it includes representative courses from each of the college's five academic divisions. Instruction is provided by members of the regular college faculty. A proposed schedule of courses is announced each year in late winter or early spring and students may register at any time in advance, or as late as the last working day prior to the beginning of classes.

The academic calendar should be consulted for exact dates of the separate terms in any given year, or, full details, including dates, course listings and schedules, may be obtained in the spring, by request, from the Director of the Summer Session.

EVENING COLLEGE

Evening College classes were added to the Methodist College program in 1975 to provide continuing education opportunities for commuting students who hold jobs during the working day. Persons holding associate degrees from technical institutes or community colleges may enroll to earn a Bachelor of Applied Science, Bachelor of Arts or Bachelor of Science degree at Evening College. An Associate of Arts degree is also offered. Evening College terms are usually seven to eight weeks in length, but may vary as to starting time and length, depending upon demand. Applicants are advised to contact the Registrar at Methodist College to determine course offerings and commencing dates.

The regular day program at Methodist College and the Evening College are different programs and students normally will not be permitted to enroll in both simultaneously.

In exceptional situations, students may apply for permission to take a single night class when they are regularly enrolled in the day program, but will be charged additional tuition.

The Evening College program is designed to give commuting students the opportunity of classroom training and the facilities of the library, but none of the additional services of the traditional college program.

Evening college schedules are arranged so that a person may enroll as a fulltime student, thereby meeting requirements for financial assistance under the tuition equalization program of the State of North Carolina. All persons enrolled in Evening College and otherwise entitled to financial assistance can qualify for Basic Educational Opportunity Grants, National Direct Student Loans, Guaranteed Loans and such other forms of financial assistance as the college may have available for Evening College students.

Methodist College continues its Evening College program through the summer months on a limited basis.

The Evening College program includes occasional non-credit courses offered for social, cultural, or practical value. College bulletins, schedules and other announcements should be consulted.

BASIC EXPENSES

Detailed information on student expenses, financial aid and pertinent college policies and regulations is available in the college's *Admissions Catalog*. However, for convenience, a summary of basic costs for an academic year is provided below. To obtain the per-semester figures, divide by two:

Schedule of Expenses for 1977-78

Item	Day Student	Boarding Student
Tuition	\$1500	\$1500
General Fee	250	250
Activity Fee	100	100
Board	—	780
Room Rent	—	460*
TOTALS	\$1850	\$3090

*40 percent additional for private room.

There are various special fees applicable in certain circumstances. Those fees, by semester, are as follows:

Science Lab per course	\$10.00
Art Fee, Studio Courses per semester-hour	3.00
Physical Education Fee	1.00
Music, private lessons, fulltime students:*	
One ½-hour lesson per week	40.00
Two ½-hour lessons per week	70.00
Tuition, per semester-hour in excess of 17 s.h.	63.00
Auditor in academic courses, per semester-hour	63.00
Graduation Fee	15.00
Sickness and accident insurance (annual)	16.90
Sickness and accident insurance (semester)	8.75

*If this bring student's total academic load to more than 17 s.h. additional tuition on a per semester-hour basis must be charged.

All fees and charges for the semester are payable in advance at the Business Office. **All financial obligations for the semester must be satisfied by the end of the first day of classes.** Registration is not completed until all bills are settled. Transcripts or other statements of work completed will not be released by the Registrar until all charges at the Business Office have been satisfactorily cleared. **In order to meet changing economic conditions, the Board of Trustees reserves the right to revise charges as conditions demand. No changes will be made during an academic year.**

In addition, all students are required to carry sickness and accident insurance in the college program unless special circumstances exist which make other provision for this protection. There are fees (\$1.00) for auto registration; late registration (\$5.00) for classes, and for make-up tests (\$2.00) and examinations (\$5.00). Under certain circumstances the fees for make-up tests or examinations may be waived by the appropriate student life dean (Dean of Women or Dean of Men).

PROGRAM OF INSTRUCTION

Degrees Awarded

As a liberal arts institution Methodist College emphasizes the humanities and basic sciences, while at the same time giving special attention to the preparation of students for specific vocational goals. The college awards four degrees: the A.A. (Associate of Arts); the B.A. (Bachelor of Arts); B.S. (Bachelor of Science), and the B.A.S. (Bachelor of Applied Science). The first three are traditional liberal arts degrees; the latter is awarded to graduates of accredited associate degree programs at technical institutes or community colleges who transfer to Methodist College as juniors and complete all the remaining basic requirements for the traditional liberal arts baccalaureate degree except that of the academic major; their subject concentration in the associate degree program is accepted in fulfillment of the latter requirement. The B.S. degree is awarded those in traditional programs with concentrations in Science, Biology, Chemistry, Physical Education or Mathematics. All others in the traditional programs will be awarded the B.A. degree.

CLEP Examination Program

Students now entering Methodist College may take advantage of a special program which makes it possible to earn a bachelor's degree in three years, or less, without benefit of summer sessions. Utilization of summer sessions may shorten the time even more, of course. The new program is known as "CLEP" (for College Level Examination Program, administered by Educational Testing Service, Princeton, N.J., for the College Entrance Examination Board) and it involves two kinds of examinations, both of which are creditable at Methodist College. Candidates seeking to enter as freshmen may utilize the CLEP **General** Examinations. If all five of these exams are completed successfully it is possible to earn sufficient academic credit to bypass the entire freshman year and enter as a sophomore. Or, either entering freshmen or students already in college may utilize the CLEP **Subject** Examinations, by means of which credit may be earned in specific subjects taught at college level. For information on details of this program inquiries should be directed to the Director of Guidance and Placement, Methodist College, Fayetteville, N.C. 28301.

Areas of Study

The organization of courses of study at Methodist College is intended as an expression of its general philosophy of education (see Purpose statement). The curricula are grouped in five divisions of study as follows:

- I. **Humanities: L. P. Plyler, Ph.D., Chairman**
English, Christian Education, Foreign Languages, Philosophy and Religion.
- II. **Education: Helen B. Matthews, M.A., Acting Chairman**
Education and Physical Education.
- III. **Science and Mathematics: Pauline Longest, M.A., Chairman**
Biology, Chemistry, Geology, Physics and Mathematics.
- IV. **Social Sciences: Bruce Pulliam, M.A., Chairman**
Business Administration, Economics, Geography, History, Political Science, Psychology, Social Work and Sociology.
- V. **Fine Arts: Willis C. Gates, Ph.D., Chairman**
Art and Music.

Basic Course Requirements

Because graduates of a liberal arts college ought to possess a certain common core of knowledge, experience and intellectual competence, Methodist College has set the following specific course requirements for all candidates for a degree:

Divisions	Semester Hours Required
I. HUMANITIES	12
English	6
Religion	6
French, German or Spanish, or courses in foreign cultures	3
Philosophy	3
II. SCIENCE AND MATHEMATICS	8
Science	6
Mathematics	2
III. SOCIAL SCIENCES	6
History	6
Six hours from any two of the following fields:	6
Economics, Political Science, Sociology, Geography	
Psychology	3
IV. FINE ARTS	3
Art or Music	3
TOTAL SEMESTER HOURS	59

In addition to the above, all students are required to complete Physical Education 101, 102, 201 and 202. The four hours so earned are creditable toward fulfillment of the 128 semester-hour requirement for graduation.

Fields of Concentration

During their freshman and sophomore years students are expected to complete as many of their basic course requirements as possible. Those majoring in Mathematics or the Sciences should in their freshman and sophomore years select courses prescribed for majors in those fields.

Enrollment is required in English and Physical Education each term until the requirements in these subjects are fulfilled.

Before the end of the sophomore year, students will choose their field of concentration and departmental major. Programs are more easily carried out if students know at the beginning of the freshman year what their field of concentration will be. They must select a major and a minor by the end of their sophomore year.

The junior and senior years are devoted primarily to the completion of the requirements in the chosen field of concentration. A major consists of 24-36 semester hours in one department, supplemented by a minor.

The following departmental majors are offered:

*Art	English	Psychology
Biology	French	Religion
Business Administration—	History	Science
Economics	Mathematics	Spanish
Chemistry	*Music	Social Work
Christian Education	Physical Education	Sociology
**Elementary Teacher	Political Science	
Education		

The following minors are offered:

Art	German	Physical Education
Biology	History	Psychology
Business Administration	Mathematics	Religion
Chemistry	Music	Secondary Education
Christian Education	Philosophy	Sociology
Economics	Physics	Social Work
English	Political Science	Spanish
French		

Summary of Requirements for Graduation

Methodist College will confer a Bachelor's degree upon a student when all the following requirements have been fulfilled:

1. Is in good standing in character, conduct and financial obligations to the college;
2. Has earned at least 128 semester hours of credit with a minimum cumulative grade-point average of 2.00;
3. Has satisfactorily completed the basic courses required of all students;
4. Has continuously maintained satisfactory competence in written and oral expression;
5. Has completed all requirements of his chosen fields of concentration, including a departmental major and minor. One must have no failing grade in either the major or minor field and must have at least a C average (2.00 or better) in the major field. In the event any course in either major or minor program is failed, the student must repeat the course successfully. However, if it proves technically impossible to repeat such a course the Academic Dean and appropriate Division Chairman shall resolve the matter on its merits.
6. Has attended the required minimum number of College Convocations;
7. If a transfer student has spent the senior year in residence at Methodist College with an academic load of at least 30 semester hours, of which 24 hours have been senior level courses; further, as a transfer student, has achieved a minimum cumulative grade-point average of 2.00 on all courses attempted at Methodist College, as well as upon the total academic record. At least nine semester-hours of work in the major program and three semester-hours in the minor program must be completed in residence at Methodist College.
8. If not a transfer student, has likewise completed at Methodist College at least 24 semester hours of senior-level courses (courses numbered in the 300's and 400's in the bulletin) and has achieved a minimum cumulative grade-point average of 2.00 on all courses attempted at Methodist College, as well as on the total academic record.

*Students may also seek teacher certification as special subject teachers in Art or Music by following special programs offered by these departments.

**A minor is not required with this major. It should be noted that, in accordance with new state certification requirements, Elementary Education majors now specialize in either Early Childhood Education (K-3) or Intermediate Years Education (4-9). See details elsewhere in this bulletin.

VOCATIONAL OR PROFESSIONAL INTERESTS

Certain vocational or professional curricula are offered at Methodist College. Students may choose courses of study leading to the ministry, education work, overseas missionary service, public school teaching, government service, law, medicine, dentistry, engineering, business administration, music, and others.

Pre-Theological Course of Study

Students preparing themselves for further training in seminaries or divinity schools will find that more and more such institutions are emphasizing the importance of a major in Religion at the undergraduate level. This is not necessarily a requirement but provides the student with certain advantages at the seminary level. The American Association of Theological Schools does recommend that pre-seminary training include a total of 90 semester hours in the areas of English, History, Philosophy, Psychology (and other Social Sciences), and a foreign language (French, German, Latin, Hebrew or Greek), as well as Religion. The minimums in all cases should be as follows:

	Semester Hours
English	15
Composition, Literature and Speech	6
History	3
Ancient, Modern European, American	6-12
Philosophy	3
History, Content and Method	9
Religion	3
Psychology	9
Other Social Sciences	3
Education, Sociology, Political Science	3

The student may choose an area of concentration from among Religion and Philosophy, Language and Literature, or Social Science. Students preparing themselves for service as directors of Christian education or assistant directors of education should consider the major in Religious Education.

Pre-Engineering Course of Study

Methodist College has special arrangements with several major engineering schools which will enable the student to transfer to one of the latter at the end of the junior year. A two-year course of study is then provided by the engineering school which, when completed, will enable the student to obtain a liberal arts (B.S.) degree from Methodist College and a professional degree from the engineering school within five years. The Methodist College degree is awarded when the professional program is completed.

Engineering schools with which such agreements have been established are those of N.C. State University, Raleigh, N.C.; Georgia Institute of Technology, Atlanta, Ga.; and the University of Southern California, Los Angeles, Ca. Under terms of a special arrangement with Georgia Tech, students with exceptional qualifications may be given an opportunity to complete requirements for a Master's degree from that institution within the five-year program.

An illustrative program suggested for students interested in entering one of these "3-2" or "Dual Degree" programs is provided below. Subjects listed are those which should be taken during the three years of study at Methodist College:

	First Semester	Second Semester
Freshman Year		
English 101, 102	3	3
Mathematics 111, 112	6	6
History 101, 102	3	3
Chemistry 151, 152	4	4
Physical Education	1	1
	17	17

Sophomore Year

English 201, 202	3	3
Mathematics 211, 212	3	3
Physics 151, 152	4	4
Religion 103, 104	3	3
Foreign Language	3	3
Physical Education 201, 202	1	1
	17	17

Junior Year

Mathematics 311	3	0
Mathematics 411	3	0
Chemistry 251	4	0
Physics 201, 202	4	4
Economics 151 and Social Science elective	3	3
Fine Arts 151	0	3
Philosophy 251	0	3
Psychology 201	0	3
	17	16

Pre-Medical Program

Pre-medical, pre-dental, and pre-nursing students are advised to obtain as fundamental and broad a preparation in the humanities as is possible and consistent with thorough preparation in the sciences. The requirements of the different schools vary somewhat; therefore, it is advisable that the student familiarize himself with the entrance requirements of the particular school which one hopes to attend. The usual requirements include general biology, inorganic and organic chemistry, general physics, English, foreign language, and history.

R.O.T.C. Program

Through a "cross-enrollment" agreement with Campbell College it is now possible for qualified Methodist College students to enter a four-year R.O.T.C. program on the Methodist campus. Completion of this program may lead to a commission in the U.S. Army. Some of the liberal arts courses taken in the regular college program may be applied for fulfillment of the R.O.T.C. requirement, although a substantial portion of the latter involves military science courses and training (including a summer camp). Since Methodist College does not offer a major in Military Science, most R.O.T.C. courses would be included among the electives opportunities available to its students. The R.O.T.C. program is divided into Basic and Advanced levels. Those who qualify for entrance into the Advanced stage will receive substantial financial assistance for the final two years of work, as well as for summer camp. More detailed information is available through the R.O.T.C. and the Admissions Offices at Methodist College.

TEACHER EDUCATION

One of the primary concerns of the college, as well as one of its principal opportunities for service, is in the field of teacher education. The college wishes to make a maximum contribution toward meeting the need for well-trained and dedicated teachers for public schools. It recognizes teacher education as an institution-wide responsibility. Through its Teacher Education Committee the College will enlist the effective cooperation of all the departments of the institution in carrying out its program of teacher education.

In its personalized approach to the goal of academic and human excellence Methodist College endeavors to graduate teachers who will be important sources of new knowledge as well as contributing creatively in the guidance of youth and in service to society as a whole. It is recognized that the young teacher should not only be well prepared in a subject field or fields, but also must have professional dedication and the ability to communicate his or her knowledge effectively, coupled with a deep desire to help the young people of the next generation who will have the task of shaping society's tomorrows.

The Teacher Education program at Methodist College has been fully approved by the Division of Professional Services, North Carolina Department of Public Instruction and graduates complet-

ing that program may be recommended for certification in any one of three categories established by the State Department. For those desiring certification in early childhood education (kindergarten through grade 3), the college offers a specialized curriculum emphasizing appropriate values and techniques. For those wishing to be certified as intermediate years (grades 4-9) teachers, the college program provides for appropriate subject concentrations. Those seeking certification as secondary school teachers may choose a subject concentration from among the fields of English, French, Spanish, Mathematics, Science, Social Studies or programs leading to such certification as Special Subject Teacher in Art, or Music, or Physical Education.

Considerable attention is given in the Teacher Education Program to effective guidance for those considering careers as public school teachers. Field experience courses offer valuable opportunities for practical application of screening procedures that may help the student make a realistic appraisal of the depth of his or her interest in the profession. This could mean substantial savings in terms of time and expense in the cases of students who might otherwise complete the program before being able to confirm a dislike for or lack of adaptability to the demands of the profession. The College education curriculum offers experience courses in classroom teaching to determine the undergraduate's interest in continuing study in the education field. In a course offered during the junior year students are placed under supervision of a certified public school teacher for an entire semester. During the senior year every education major must serve an internship (called "student teaching") in a public school and must complete at least 90 hours of actual classroom teaching under a certified public school teacher in order to qualify for a Methodist College degree and recommendation for a North Carolina teaching certificate. It should be pointed out that the North Carolina certificate is now honored in nearly 30 other states through reciprocity agreements worked out between state systems.

The student who desires to become a candidate for a degree and for teacher certification must be formally enrolled in the college's Teacher Education Program. This is done by making application for admission to the program, usually after the third semester of college work (at the mid-point of the sophomore year). An applicant must have a cumulative grade-point average of 2.00 or better at the time, and his or her application must be accompanied by recommendations from the student's faculty advisor. Applications are considered by the faculty Education Committee, which has the authority to admit or reject candidates. Once admitted to the program, the student will be continually evaluated by the committee in terms of fitness, competence and academic performance until completion of the student teaching experience.

An especially important adjunct of the Teacher Education program is the college's Teaching Materials Center, where the student may familiarize himself with teaching aids such as should be available in the public schools and where one may be instructed in their uses and operation. These include copying machines and audio-visual equipment. The Center is also a library, with a well-balanced collection of children's books catalogued in the same way as in a public school library.

Early Childhood Education Teachers (K-3)

A. GENERAL EDUCATION

Under the Guidelines, approximately 40 percent of the undergraduate program should be in general education. This is a common requirement for all teachers and may be satisfied through meeting the basic course requirements of the college (listed elsewhere in this bulletin). However, it should be noted that Early Childhood Education majors (K-3) and Intermediate Years Education majors (4-9) should select Regional Geography and American Government in fulfillment of the college requirements.

B. PROFESSIONAL EDUCATION

	Semester Hours
1. Educational Psychology	3
2. Child Psychology**	3
3. Introduction to Education in the Public Schools	3
4. Early Childhood Education	3
5. Field Experiences in Public Education	***
6. Materials and Methods of Teaching in Elementary School**	6
7. Student Teaching	6

C. SUBJECT MATTER PREPARATION

1. Children's Literature .....	.3
2. American History .....	.6
3. Regional Geography .....	.3
4. Art .....	.6
(Art 253-Theory and Practice in Art Education)	
(Art Elective)	3)
5. Music .....	.6
(Music 152-Music Fundamentals for Classroom Teachers)	
(Music Elective)	3)
6. Health and Physical Education in the Elementary School .....	.6
7. Fundamentals of Speech .....	.3
8. Science: biological and physical (with lab experience) .....	.8 or 12
9. Modern Math for the Elementary School Teacher* .....	.6
10. Cultural Anthropology (recommended) .....	.3
No subject concentration required.	
11. Teaching of Reading in The Elementary School .....	.3

Intermediate Years Education Teachers (4-9)

A. GENERAL EDUCATION

(Same as described in program for Early Childhood Education Teachers.)

B. PROFESSIONAL EDUCATION

1. Educational Psychology .....	.3
2. Adolescent Psychology** .....	.3
3. Introduction to Education in The Public Schools .....	.3
4. Education in The Intermediate Grades (4-9) .....	.3
5. Field Experiences in Public Education	***
6. Materials and Methods of Teaching in Elementary School** .....	.6
7. Student Teaching .....	.6

C. SUBJECT MATTER PREPARATION

1. Children's Literature .....	.3
2. American History .....	.6
3. Regional Geography .....	.3
4. Art .....	.3
(Art 253-Theory and Practice in Art Education)	
5. Music .....	.3
(Music 152-Music Fundamentals for Classroom Teachers)	
6. Health and Physical Education in the Elementary School .....	.6
7. Fundamentals of Speech .....	.3
8. Science: biological and physical (with lab experience) .....	.8 or 12
9. Modern Math for the Elementary School Teacher* .....	.6
10. Teaching of Reading in The Elementary School .....	.3

D. SUBJECT CONCENTRATION REQUIRED

One academic concentration is required (two are preferred) in an academic area normally included in the curriculum for grades 4-9: Fine Arts (18); Language Arts (24); Social Studies (24); Mathematics (18) and Science (18). Students with a concentration in Science will fulfill the requirements for a major in Science, and should consult the programs listed in Mathematics and the Sciences for certification requirements.

*Math requirements for teacher certification in K-3 and 4-9 are the courses Math 110-EI, Ed. and Math 407. Math 110 may be used to satisfy half of the college general requirement in Math. The other half may be Math 109, or acceptable score on advanced placement test.

**These are "block" courses taken in the same semester with and preceding Student Teaching.

***Credit to be determined.

Secondary School and Special Subject Teachers

A. PROFESSIONAL EDUCATION	3
1. Educational Psychology	3
2. Adolescent Psychology**	3
3. Introduction to Education in the Public Schools	1-3
4. Field Experiences in Public Education	3
5. Materials and Methods of Teaching in Secondary Schools**	6
6. Student Teaching	3
7. Fundamentals of Reading in The Secondary School	3
B. SUBJECT MATTER PREPARATION	36
1. English	30-36
2. French	31
3. Mathematics	46-48
4. Science	51
5. Social Studies	49
6. General Music	30-36
7. Spanish	

All students in the teacher education program, at any level, are required to complete one semester's work in speech. This may be satisfied by any one of the three courses in Speech: 151, 152 or 153.

Those wishing to obtain certification in the teaching science, with concentration in either Biology or Chemistry, should consult programs listed by those departments for information concerning special requirements. See departmental listings elsewhere in this bulletin.

*Math requirements for teacher certification in K-3 and 4-9 are the courses Math 110 and Math 407. Math 110 may be used to satisfy half of the college general requirement in Math. The other half may be Math 109, or acceptable score on advanced placement test.

**This is a "block" course taken in the same semester with and preceding student teaching.

COURSES OF STUDY

Course Numbering

All courses are numbered according to the following system:

- 100-199 Primarily for freshmen
- 201-299 Primarily for sophomores
- 301-399 Primarily for juniors
- 401-499 Primarily for seniors

Odd-numbered courses are usually offered in the first semester and even-numbered courses in the second semester; those ending in zero may be given either semester. The college reserves the right to cancel a course offered if there is insufficient registration. The courses listed in this bulletin are not exclusive. From time to time the college will add suitable courses and make revisions in the curriculum in its continuous effort to provide liberal arts education and professional training of the highest quality.

ART

The Art department offers three basic programs: (1) a major in art; (2) a minor in art; (3) special preparation for teaching art in the public schools (special subject teacher of art). Requirements for the major in art: Art 161, 162, 203, 204, 351, 352 and 401, plus at least 14 hours in studio courses (these must include at least one course in painting and one in sculpture). Requirements for a minor in art: a minimum of 15 semester-hours in the department, including Art 161, 351 and 352, plus six hours in studio courses to be chosen in consultation with an art instructor. Art 151 and 253 may not be credited toward fulfillment of either the major or minor in art.

Initial admission to any of the three programs listed above, including special subject teacher of art, is always tentative. Certain criteria must be met and the student must demonstrate continued competency through actual performance before final and unconditional approval may be given for continuing any of the programs. The department will have evaluation procedures to assess the quality of each student's work. The exit (terminal) evaluation will involve an assessment of the student's ability and promise either as a performing artist or as a performing special subject teacher in art.

Art Exhibits: Each art major will have an exhibit of work selected from studio course productions. Each art minor may have an exhibit if desired. The special subject teacher in art will have an individual exhibit and will participate in a group exhibit of the works of all members of the class. Whenever possible, all exhibits will be in the second semester of the senior year.

Special Preparation for Teaching Art in The Public Schools

The student seeking state certification as special subject teachers of art in the public schools must complete approximately 47 semester-hours of art courses. These include all courses required for the art major, with additional studio courses totaling at least 19 semester-hours, plus Drawing 303 and 304; Theory and Practice in Art Education 410, and Basic Photography 203. An additional 22 to 24 semester hours of work must be completed in professional education. These are: Educational Psychology 250; Adolescent Psychology 352; Introduction to Education in Public Schools 251; Field Experience in Public Education 342; Materials and Methods in the Secondary School 415; Speech 151; and Student Teaching 421-22. This program will provide instruction in methods of teaching and learning which will be evaluated through laboratory and clinical experience. The performance of the student teacher will be evaluated both by college supervisors and public school supervisors.

151 Art Appreciation

3 s.h.

Consideration and study of the many forms of man's visual experience. Emphasis is given to the importance of the individual's perception and development of greater sensitivity and understanding of the aims and functions of the artist, the viewer, and the critic. The course includes an examination of the elements and principles of design and a brief survey of art history in which the use of these elements and principles in both past and present periods is exemplified. Lectures, outside reading, class discussion, and a creative term project dealing with the elements of design are included.

161, 162 Basic Design

3, 3 sh.

A study of the elements and principles basic to all the visual arts. Lectures and applied experience. The two courses must be taken in numerical order. 161 is a prerequisite for 162.

253 Theory and Practice in Art Education

3 s.h.

Survey of current trends and theories in art education, leading to an understanding of the function and goals of such education and the interdependency of art and other educational areas. Lectures, outside reading, class discussions, and creative studio experience in methods and practices of art instruction, with use of materials and projects suitable for grades K-9.

351 Art History — Ancient to Renaissance

3 s.h.

A study of the major visual arts representative of the prehistoric cultures through the Middle Ages. Interaction of various factors influencing form of expression stressed. Course supported by the use of visual aids and broad supplementary selected readings.

352 Art History — Renaissance to Contemporary

3 s.h.

A study of the painting, sculpture, architecture, and graphic arts of the Renaissance and continuing through successive periods to the modern. Social, economic, and religious forces and

their influence on present art forms is presented. This course employs illustrated lectures and extensive supplementary reading.

401 Senior Workshop in Art

2 s.h.

Discussion of the philosophies of art and advanced problems in art. Each student must exhibit a show of his/her work selected from studio art course work.

410 Special Subject Teacher in Art (see also Ed. 410-G)

3 s.h.

This course will be a "block" course (meeting daily during the first half of the semester to complete a semester's work within that period) to be taken in the first semester of the senior year. It is a survey of past and current trends and theories in art education, leading to an understanding of the goals and function of such education, and the interdependency of art and other educational areas. Lectures, outside readings, class discussions and creative studio experience in methods and practice of art instruction, with use of materials and projects suitable for all levels of public school education.

Studio Courses

Courses in this category may **not** be used to fulfill the basic Fine Arts requirement.

203, 204, 303, 304 Drawing

2 s.h.

Prerequisite: Art 161 or permission of instructor. An emphasis on personal expression with a variety of experiences in various media. Some drawing from the model. Individual attention starting from the student's level of experience and becoming increasingly advanced with each semester. (Class meets approximately four hours per week.)

205, 206, 305, 306, 405, 406 Painting

2 or 3 s.h. each

Prerequisite: Art 161 or permission of instructor. Exploration of various painting media with emphasis on personal expression. Individual attention, becoming increasingly advanced with each semester. Development of creative skills stressed. (Class meets approximately four times weekly for two-hour credit and six hours per week for three-hour credit.)

207, 208, 307, 308, 407, 408 Sculpture

2 or 3 s.h. each

Prerequisite: Art 161 or permission of instructor. All the various sculpture processes are employed, with all the basic procedures involved. Individual attention becoming increasingly advanced each semester, with emphasis upon personal expression through three-dimensional forms.

209, 210, 309, 310 Crafts

2 s.h. each

Application of the elements and principles of design to: paper, weaving, stitchery, batik, metal, collage, scrap materials, etc. Prerequisite: Art 161 or permission of instructor.

211, 212, 311, 312 Printmaking

2 s.h. each

A basic introduction to printmaking techniques, concentrating on block print and serigraph processes. Prerequisite: Art 161 or permission of instructor.

BIOLOGY (See also Science)

Requirements for a major in Biology: a minimum of 30 semester hours in Biology, and a minor in Chemistry. Requirements for the minor in Biology: a minimum of 16 semester hours in Biology.

Students seeking certification in the teaching of science, with Biology as a major, will minor in Education. They will be required to take Mathematics 111 and any two of the following: Chemistry 151, 152; Geology 151, 152, or Physics 151, 152.

All courses meet for three hours of lecture and a three-hour laboratory session per week unless otherwise stated. In addition to the semester indicated, any course could be offered in the summer session by demand.

Biology 153, 154 is the beginning course for those students wishing a science major or minor. The two semesters of the course may be taken in either order, however. Biology 153, 154 meets the college's general requirements in science for graduation. The work completed for one semester (either 153 or 154) may be credited separately as an elective only.

4, 4 s.h.

153, 154 General Biology

An introduction to college biology in which the history and chemical background of biology are considered, as well as some basic concepts of cytology, histology, physiology, reproductive processes, ecology, heredity and evolution. While different classifications of living organisms are noted, emphasis is upon the common characteristics and interrelationships of living things. Prerequisite: completion of a course in high school or college chemistry.

4 s.h.

201 Invertebrate Zoology

A study of the form, function, development, classification and distribution of the invertebrate animals. Prerequisites are Biology 153 and 154. Offered fall semester.

4 s.h.

203 Vertebrate Zoology

A survey of vertebrate animals, with emphasis upon the comparative anatomical approach. Attention is also given to the classification of vertebrates and to the special physiological and ecological characteristics of the major groups. Prerequisites: Biology 153 and 154. Offered spring semester.

4 s.h.

205 Human Physiology

A thorough study of the human as a functioning organism. The relationship between structure and function of body systems is emphasized. Prerequisites: Biology 153, 154 and Chemistry 151, 152.

4 s.h.

301 Non-Vascular Plants

A summary of lower plants, with emphasis upon systematics, distribution, form, function, development, and importance to man. Prerequisites are Biology 153 and 154. Offered fall semester.

4 s.h.

304 Vascular Plants

A study of the phylogeny, taxonomy, morphology, and distribution of the higher plants. Prerequisites are Biology 153 and 154. Designed as a companion course to Non-Vascular Plants, 301. Offered spring semester.

4 s.h.

313 Developmental Biology

A study of representative patterns in the development of plants and animals from zygote to functioning adults, with major emphasis upon the early stages. Prerequisites: any two Biology courses numbered 200 or higher. Offered fall semester.

4 s.h.

412 General Ecology

An investigation of principles, problems and methods of environmental studies. Emphasis is upon the relations of organisms to their environment, the nature and structure of populations, communities and eco-systems, and the processes of ecesis and succession. Prerequisites: any three of the courses 201, 203, 301, 304, one of which may be taken concurrently.

4 s.h.

440 Cellular Physiology

A study of the patterns of cellular structures and processes, as they provide the basic mechanisms of life. Prerequisites: at least one 200-level and one 300-level biology course and Chemistry 151 and 152. Chemistry 321 and 322 are recommended.

3 s.h.

460 Genetics

A presentation of the principles, problems and methods of cellular form and function, and of heredity, with certain applications to the breeding of animals and plants, and to population genetics. Three hours of lecture per week. Prerequisites: any three biology courses numbered 200 or higher. Open to juniors and seniors only.

485 Special Topics in Biology

Open to biology majors who wish to do more advanced work in some area of special interest. Nature of investigation dependent upon problems. Credit to be determined. Arrangement must be made in advance with the instructor who is to direct the work.

BUSINESS ADMINISTRATION (See also Economics)

251 Principles of Accounting I

3 s.h.

Introduces the student to the basic concepts of summarizing and reporting financial data, with emphasis on systems and controls for service and merchandising enterprises.

252 Principles of Accounting II

3 s.h.

Emphasis is placed on gathering data and reporting for corporations, partnerships, and manufacturing operations. To acquaint students with problem areas in complying with legal requirements of certain business entities.

340 Principles of Insurance

3 s.h.

An interdisciplinary approach to the fundamentals of insurance, selected insurance coverages and public policies. Offered to the student interested in the role of insurance in the personal and business environment.

345 Field Experience in Economics and Business

This course is designed to provide proper orientation for students majoring or minoring in this field, to assist them in making vocational commitments. Students will be placed with approved local business and industrial firms to observe and familiarize themselves with the mechanics and modes of operational patterns. The department will organize a seminar once each month at which the student will share his experiences with other students. At the end of the semester the student will present a paper offering his observations and personal evaluations with respect to the possible improvement of operations of the firm in which he was placed. Two contact hours per week throughout the semester for each semester-hour of academic credit (not including travel time). Prerequisite: permission of department head.

350 Principles of Real Estate

3 s.h.

This course provides a clear analysis of all aspects of the real estate business — both theory and practice. Detailed studies will be made of investing, trading, managing, leasing and appraising of real estate.

351 Principles of Marketing

3 s.h.

A general survey of the marketing discipline. Topics include marketing, decision-making and models of buyer behavior, channels of distribution and marketing research, in addition to the classic functional areas of marketing. Each of these topics is discussed from a managerial viewpoint. Planned strategies of promotion and pricing policies.

352 Business Law

3 s.h.

The general principles of business law, including contracts, agency, sales, negotiable instruments, partnerships, corporations, and bankruptcy.

355 Government and Business

3 s.h.

The regulation and control of business by government. Constitutional provisions, the antitrust laws, public utilities, taxation, labor laws, and transportation are the fields explored.

375 Business Internship

3 s.h.

The main objective of this program is to give the student work experience in business or industry. The student would work during the summer with an approved firm and at the end of the summer semester would present a report on the summer work to the faculty Selection Committee. The committee will evaluate the student's work on the basis of this report and a report to be received from the business firm. Prerequisite: Permission of department head.

411 Principles of Finance

3 s.h.

An analysis of the problems of management of the financial affairs of the firm, with particular attention to the long term capital needs and the development of an optimal capital structure.

412 Principles of Management

3 s.h.

An analysis of the underlying theory and principles of sound business organization, and management, including mechanisms and methods required for administrative and managerial control.

440 Business Problems and Policies**3 s.h.**

A comprehensive presentation of applied economics for the evaluation of decision alternatives. It will cover both the technical and managerial aspects of economic decision-making, with emphasis on the time value of money concept. Students would be encouraged to use evaluation techniques for production and management operations.

CHEMISTRY (See also Science)

Requirements for a major in Chemistry: a minimum of 24 hours in 200 or higher level courses in the department, as well as completion of Math 111 and 112. Requirements for a minor in Chemistry; a total of 16 semester-hours which include a minimum of 8 semester hours of 200 level courses in the department, but with no specific mathematics requirement other than the general college requirement in the latter subject.

Students majoring in Chemistry are encouraged to select Biology, Mathematics or Physics as their minor field. Those seeking teacher certification in science with Chemistry as a major will minor in Education. They will be required to take any two of the following: Biology 153, 154, Geology 151, 152, or Physics 151, 152. All courses meet for three hours of lecture and one three-hour laboratory session each week, unless stated otherwise.

151 General Chemistry**4 s.h.**

A generalized introduction to the study of the elements, their compounds and the reactions they undergo. No prerequisites.

152 General Chemistry**4 s.h.**

A more detailed study of topics introduced in Chemistry 151. This course is intended to prepare the student for further study in the sciences. Prerequisite: Chemistry 151.

252, 253 Quantitative Analysis**4, 4 s.h.**

A study is made of the principal method of quantitative chemical analysis by means of lecture, discussion, laboratory work, and problems. Prerequisite: Chemistry 151, 152.

321, 322 Organic Chemistry**8 s.h.**

A study of the compounds of carbon and their reactions. Theories involved and mechanisms of reactions are emphasized. Prerequisites: Chemistry 151, 152.

351, 352 Physical Chemistry**8 s.h.**

A study of the properties of solids, liquids, gases and solutions. Prerequisite: Chemistry 252, Physics 151 and 152.

485 Introduction to Research**2-4 s.h.**

This course attempts to acquaint the student with procedures and requirements for chemical research, including use of chemical literature and investigation of some unsolved problem in chemistry. Prerequisites: Organic Chemistry and Physical Chemistry, or completion of one of these courses and simultaneous enrollment in the other. Arrangements must be made in advance with the instructor who is to direct the work.

ECONOMICS (See also Business Administration)

Methodist College offers a combination major-minor in Business Administration and Economics. Fulfillment of the program will require a total of 51 semester-hours selected from the offerings of the two subject fields. For this major-minor combination the student is required to complete Economics 151 and 152, and Business Administration 251 and 252. Any student seeking a separate minor in Economics will be required to complete Economics 151 and 152. The total requirement for an Economics minor is 15 s.h. Economics 151 and 152 are prerequisite to all courses offered by this department.

110 Basic Mathematics: Business Related (See Math 110)**(1,1,1) 3 s.h.**

The business related basic mathematics program consists of those topics considered to be necessary to the later understanding of business and economic concepts. The course content is subdivided into three separate "mini-courses" each of which carries 1 hour credit. These "mini-courses" may be studied in any sequence. The mini-courses by title are (1) Real Number

System; (2) Probability and Statistics; (3) Linear Programming, Computers. This course is considered as basic preparation for the semester course Math 216 Statistics.

151 Macroeconomics**3 s.h.**

An extensive coverage of macro-economic theory and problems, especially in the areas of monetary economics, national income and employment, economic fluctuations, and economic growth.

152 Microeconomics**3 s.h.**

An extensive coverage of micro-economic theory and problems, especially supply, demand, pricing, distribution of income and overall functioning of capitalistic economic systems.

216 Introduction to Probability and Statistics (See Math 216)**3 s.h.**

Offered by Department of Mathematics, but creditable toward fulfillment of Economics and Business Administration requirements.

311 Money and Banking**3 s.h.**

Monetary policy and its importance; the functions performed by money in our society; the operations of commercial banks and of the Federal Reserve System. Impact of monetary policy on economic growth.

312 Public Finance**3 s.h.**

Discussion of expenditures and the main sources of revenue used by governments; property taxes; income and inheritance taxes and various forms of sales taxes; the distribution of the tax burden on different classes in society; managing the federal debt. Role of fiscal policy in maximizing the welfare, employment and economic growth.

365 Personal Finance**3 s.h.**

Budgeting and keeping account of one's personal fund; borrowing money; buying on credit; making out personal income tax returns; saving and the wise investing of savings; insurance; and home ownership.

370 Taxation**3 s.h.**

The laws dealing with income taxes and the preparation of federal and state income tax returns.

410 Advanced Economic Theory**3 s.h.**

Discussion of economic theory, with direct reference to the economic problems of the modern world. Primarily, emphasis will be placed on the appropriate extension of the formal analytical techniques acquired in earlier courses.

415 Investment**3 s.h.**

The study of investment principles and practices, investment policies, security analysis, and the mechanics and mathematics of security purchases. Long and short-term fluctuations of security prices, the functioning of security markets and regulatory bodies, and individuals' investment needs are analyzed. Portfolio management.

420 Comparative Economic Systems**3 s.h.**

A comparison of capitalism, socialism, communism, and fascism as economic systems and as philosophies, the point of strength and weakness in each system. Analysis of resource allocation and distribution of income in planned vs. non-planned economics.

451 Senior Seminar**3 s.h.**

This seminar offers selected opportunities for juniors and seniors in accordance with their interests. Topics may be chosen from the field of resource economics, welfare economics and other fields of economics. All research undertakings are supervised and guided by the instructor. Research findings are submitted to the seminar as a whole for discussion and criticism.

485 Special Topics

An examination of current problems in economics, organized on a lecture-discussion basis. The content of the course will vary as changing conditions require the use of new approaches to deal with emerging problems. Credit to be determined.

EDUCATION

A major in Early Childhood Education or in Intermediate Years Education consists of the approved program for teacher preparation in the year of the student's graduation. A minor in Secondary Education is available to students who plan to become junior or senior high school teachers. The acquisition of credit for the minor will be automatic for all those who fulfill all requirements for a Class "A" Certificate in teaching under the North Carolina system, with preparation for instruction in a specific subject area. The following courses should be included in the minor program: Education 251, 342, 415, 421-422, as well as Psychology 250 and 352. (It should also be noted that three semester hours of work in Speech is required of all those seeking teacher certification in North Carolina.) Program requirements for the majors in Early Childhood and Intermediate Years Education are outlined elsewhere in this catalog.

It is now possible, under special circumstances, for the student not needing nor desiring state certification, to complete a minor in Education without the student teaching internship. Such a minor may be fulfilled by successful completion of Education 251, plus at least one of the courses Education 341, 343; Psychology 250, plus either Psychology 351 or 352, and six hours of electives credits from among the courses Education 311, 312, 342, 411, 412, 415, 441 and 485.

220 Fundamentals of Reading for Secondary School Teachers 3 s.h.
The reading preparation of the teacher; background subjects of study and sources; uses of reading exercises; methods and practice of reading analysis; current literature in the field.

251 Introduction to Education in the Public Schools 3 s.h.
The historical, sociological, psychological, and philosophical foundations of public education are included in the scope of this course. Additional topics include organization, control, and functions of public education in America; teaching as a vocation; professional ethics; the role of the teacher in the school and community.

311 Testing and Evaluation 3 s.h.
This course will provide prospective teachers with a broad overview of the testing and evaluation programs in the public schools.

312 Guidance and Counseling 3 s.h.
The course provides an overview of the foundations and the processes of guidance, as influenced by the school situation. The responsibilities of the guidance counselor in assisting the student toward self-actualization will be stressed. Research findings and theories currently in use will be discussed. Emphasis will be placed on guidance processes in both elementary and secondary schools.

341 Early Childhood Education (K-3) 3 s.h.
Includes a study of curriculum, activities and techniques for early childhood education, with special emphasis on the parent-school-community relationships involved in the education of young children.

342 Field Experience in Public Education
This course is designed to provide teacher-assistant activities for Teacher Education majors and minors. Competencies in pre-student teaching activities will be determined by cooperating teachers and college faculty. Evaluations of student performance in this course will be utilized by the Education Committee to determine the general competency of the candidate for the teaching profession and to decide whether or not the student should remain in the Teacher Education Program. Field Experience would be completed prior to entrance into Student Teaching, preferably in the sophomore or junior years. Two contact hours per week for each semester-hour credit (not including travel time) are required. Prerequisite: permission of instructor. Credit to be determined.

343 Education in the Intermediate Grades (4-9) 3 s.h.
A general study of education in the intermediate grades, including emphasis upon educational foundations, aims, school organization and management, curriculum construction and parent-school-community relationships.

344 Teaching Reading in The Elementary School 3 s.h.
A study of the nature of the reading process, and of principles, methods and materials for the development of effective reading attitudes and skills as applied both to developmental and remedial programs.

410 Materials and Methods for Teaching Secondary School Subjects 3 s.h.
410-A English 410-E Science
410-B Social Studies 410-F Foreign Languages
410-C Physical Education 410-G Art
410-D Mathematics

A study of the organization of the particular discipline in the secondary school; classroom methods, techniques and activities; teaching materials; testing; evaluation. Recommended (but not required) for all students completing teaching requirements for the secondary school. (Offered usually in alternate years, but more often if needed.)

411 Materials and Methods in the Elementary School I 3 s.h.
The study of the teaching of language arts in the elementary school, with special emphasis on spelling, handwriting, listening, oral and written expression.

412 Materials and Methods in the Elementary School II 3 s.h.
A study of the subject content in the elementary school, with special emphasis on science, social studies and materials and methods to be used by teachers.

415 Materials and Methods in the Secondary Schools 3 s.h.
An assimilation and study of materials and methods used in teaching in the secondary school. An explanation of teaching in the secondary school is also an important segment of this course.

421-422 Student Teaching 6 s.h.
Student teaching is a course designed for those preparing to become public school teachers. Student teachers are assigned to nearby school systems in North Carolina under the supervision of cooperating administrators and teachers. A minimum of 90 hours of classroom teaching is required. The work of the student teacher is supervised jointly by the Director of Student Teaching and faculty staff. Elementary majors must student-teach in grades K-3 for Early Childhood teacher certification, or in grades 4-9 for Intermediate Years certification. Minors in secondary education are expected to student teach in grades 7-12. All student teachers will be expected to participate in an accompanying seminar.

441 Education of Exceptional Children 3 s.h.
A general study of exceptional children, with emphasis on the roles of the school and the parent. Utilization of relevant community resources and case studies. Prerequisite: permission of instructor.

485 Research Seminar in Education
Selected problems in theory and practice in education to be researched individually by the student. Emphasis is placed on student interest and practicability of projects. Credit to be determined. Prerequisite: permission of instructor.

ENGLISH (Including Drama)

The courses English 101-102 and 201-202 are prerequisites for all other courses offered in the department. English 101 is a prerequisite for English 102. Requirements for the major: 36 hours in the department. These must include English 101, 102, 201, 202, 251 and 252 plus 18 additional hours. Requirements for the minor: 18 hours in the department, including English 101, 102, 201 and 202. English 361 is designed to meet the needs of students preparing to teach in elementary, junior high or middle schools. English 220 may be counted toward fulfillment of the major by those students in the secondary school Teacher Education program, but neither English 220 nor 361 may be creditable toward fulfillment of English major or minor programs of all other students. English 323, Advanced Expository Writing, is required of all English majors who are in the secondary school Teacher Education program. In addition, students in the secondary school Teacher Education program should note that English 322, Advanced Grammar, is required by the state for public school teacher certification in English. All those desiring such state

certification at any level should note statement of Teacher Education requirements located elsewhere in the *Bulletin*.

101 Composition 3 s.h.
A basic course in writing which stresses knowledge of standard English and competence in the writing of clear, correct, effective expository prose. The course also emphasizes instruction in research techniques. English 101 is designed so that each student may progress at his own pace. Traditional letter grades are not used in this course; instead, "P" (meaning "pass") and "IP" (meaning "in progress") are used. A two-semester limit on the "IP" is enforced; that is, the student who does not pass the course within two consecutive semesters will receive an "F" and will be required to repeat the entire course. A student will receive credit for English 101 only when he/she achieves the desired level of competency in written work. (English 101 is a prerequisite for English 102 and for all other courses in the department.)

102 Introduction to Literature, and Composition 3 s.h.
Analyzing, interpreting and writing about literature. English 102 consists of three mini-courses, each carrying 1 s.h. of credit. All students are required to take the mini-course in poetry, plus mini-courses either in short story or drama but not both. Students then elect one additional mini-course, choosing from several alternatives.

201, 202 Survey of English Literature 3, 3 s.h.
First semester: selected readings in English Literature from *Beowulf* to the age of Johnson. Second semester: readings from the end of the eighteenth century to the present. English 102 is a prerequisite for English 201. However, in light of the mini-course approach now taken in English 102, students who pass two of the three mini-courses attempted are permitted to enroll in English 201 **on the condition** that the mini-course failed in English 102 (or an acceptable substitution 102 mini-course, should the mini-course failed not be offered) be repeated and passed within the next academic year.

220 Fundamentals of Reading for Secondary School Teachers 3 s.h.
(See Education 220)

251, 252 Survey of American Literature 3, 3 s.h.
First semester: selected readings in prose and poetry from the time of the settlement of America to the Civil War. Second semester: major poets from Walt Whitman to Robert Lowell; American fiction from Mark Twain to William Faulkner.

310 Modern Drama 3 s.h.
A study of plays of the modern theater, from Ibsen to Tennessee Williams; examination of the main trends in American and European drama from the close of the 19th century to the present.

321 Shakespeare 3 s.h.
A study of representative Shakespearean plays (histories, tragedies and comedies) with parallel attention to historical background and cultural setting.

322 Advanced Grammar 3 s.h.
A brief review of the history of the English language; an analysis of the structure of English grammar — sounds, parts of speech, sentence patterns and prose style; the new grammars and their uses.

323 Advanced Expository Writing 3 s.h.
Designed for the student who has progressed beyond the freshman level, this course provides the opportunity to improve writing skills through the study and analysis of models of excellence and practice in various techniques and types of composition.

331 Victorian Literature 3 s.h.
Studies in representative poetry and prose of the Victorian Age.

333 World Literature (See Philosophy 333) 3 s.h.

361 Literature for Children 3 s.h.
A survey of the types of literature available for children in grades K-3, 4-6 and 7-9, and the techniques of teaching the literature. A study of the child's developing interest in reading.

380 Milton 3 s.h.
A study of Milton's major works — *Paradise Lost*, *Paradise Regained*, *Samson Agonistes* — with selected shorter poems and representative prose.

401 Nineteenth Century British Romanticism 3 s.h.
Studies in representative poetry and prose of nineteenth century British Romanticism.

410 Modern Fiction 3 s.h.
A study of tradition and experiment in modern fiction. Twentieth century American and British writers will be emphasized, but significant writers of other nationalities will also be included.

411 The American Renaissance 3 s.h.
An examination of the work of leading writers of America's Golden Age: Emerson, Thoreau, Melville, Hawthorne, Poe, Whitman and others. Appropriate discussion of native romanticism.

412 American Realism 3 s.h.
A study of the writings of major American realists and naturalists, from Twain, Howells and James to Dreiser, Norris and Crane, with emphasis upon philosophical foundations as well as literary practice.

485 Special Studies in English TBD
Designed to provide advanced students with an in-depth study involving research and writing on a subject to be determined by members of the department faculty according to the student's needs and interests. Inquiries should be made of the departmental coordinator. Unanimous consent of the department staff, including consent of one member to direct such a study, must be obtained prior to enrollment. Credit to be determined.

FOREIGN LANGUAGES (French, German, Spanish)

To satisfy the college requirement in foreign languages each student will complete either two semesters of a foreign language or two semesters of the alternate foreign culture courses (French 160, Spanish 160) taught in English. Students wishing to enroll in a foreign language course above the 101 level (other than 160) will take a placement test in that language. Certain credits may be allowed for those making sufficiently high scores on these tests (see statements for French and Spanish majors) below.

Language courses 101, 102, 201 and 202 consist of three lecture hours, one supervised laboratory hour and one unsupervised laboratory hour per week, each. Attendance is required at all five meetings. These courses have an academic credit evaluation of four semester hours each.

The Department of Foreign Languages permits students (non-natives) who have resided or been stationed for at least six months in countries where French, German or Spanish is the dominant or official language, to obtain from three to six semester-hours of academic credit through submission of documentary evidence of such residence and acceptable papers of prescribed minimum length dealing with specified aspects of the cultures of those foreign nations or peoples. Length of foreign residence and of the paper submitted will govern the amount of credit for which the student is eligible. Details may be obtained from the office of the Registrar, where application forms must be obtained and registration for the program carried out. A non-refundable fee is charged with every application.

French

Requirements for a French major: 10 courses beyond French 102. Requirements for a French minor: six courses beyond French 102. Students receiving advanced placement credit under the CLEP Program may apply this credit as two courses in fulfillment of the major or minor requirement.

101, 102 Elementary French (Fall; Spring) **4, 4 s.h.**

Three classroom hours and one supervised laboratory hour per week each semester. Pronunciation, oral work, the elements of grammar, common idioms and vocabulary. French 101 or satisfactory score on placement test is prerequisite for French 102.

160 French Culture (Fall and Spring) **3 s.h.**

This course is taught entirely in English. The civilization of France from prehistoric to modern times, as represented in art, literature, music and history. Three classroom hours per week. Audio-visual materials will be presented. Successful completion of this course and of Spanish 160 will satisfy the college's foreign language requirement. French 160 may not be counted toward satisfaction of requirements for major or minor in French.

201, 202 Intermediate French (Fall; Spring) **4, 4 s.h.**

Three classroom hours and one supervised laboratory hour per week each semester. A review and more detailed study of grammar, with selected readings, designed to assure mastery of the fundamental skills of understanding, speaking, reading and writing French of moderate difficulty. French 102 or two years of high school French with satisfactory score on placement test is prerequisite for French 201. French 201 or satisfactory score on placement test is prerequisite for French 202.

241 Review Grammar and Reading (Fall) **3 s.h.**

Drill on intermediate language skills. Graded reading with accompanying comprehension drills, grammatical analysis, and structured conversation. Prerequisite: French 202 or three years of high school French with satisfactory score on placement test. Three classroom hours per week, including supervised laboratory work.

242 Civilization **3 s.h.**

Study of the history, geography, government, arts and current political structure of France through readings in French. Audio-visual materials, classroom reports and current periodicals are used. Conducted in French. Prerequisite: French 241 or permission of instructor.

303 Survey of French Literature I **3 s.h.**

The development of French literature from its beginnings through the seventeenth century. Prose, poetry and the theater of the Middle Ages, the Renaissance and the Grand Siecle. Prerequisite: French 241 or permission of instructor.

304 Survey of French Literature II **3 s.h.**

The transition from the classicism of the seventeenth century to the age of Enlightenment. The *Philosophes*, Voltaire and Rousseau. Highlights of French literature from the seventeenth century to the present. Prerequisite: French 241 or permission of instructor.

305 Advanced Grammar and Composition **3 s.h.**

Drill and practice in advanced structures, expressions and idioms which present special problems to American learners. Compositions assigned on various topics pertaining to French culture. Prerequisite: French 241 or permission of instructor.

412 Twentieth Century Literature **3 s.h.**

Literary trends in prose, poetry and theater since 1900, including the Catholic literature, surrealism, existentialism, the Theater of The Absurd, and the Nouveau Roman. Prerequisite: French 241 or permission of instructor.

451 Phonetics and Conversation **3 s.h.**

Rigorous refinement of student's pronunciation through the application of phonetics to vocabulary of everyday situations. Intonation drills and use of language laboratory. Frequent classroom conversations and oral reports on topical subjects, using recent periodicals and popular literature. Prerequisite: French 241 or permission of instructor.

485 Seminar in French Literature

This course is designed to provide advanced students with in-depth study of a specific period of French literature, to be determined by the department according to the needs and interests of students. This course may be utilized for credit on different topics. Credit to be determined. Prerequisite: French 241 or permission of instructor.

GERMAN

Requirements for a German minor: for students beginning with German 101, 102, six courses.

101, 102 Elementary German **4, 4 s.h.**

Three hours of classroom work and one hour of laboratory per week. Phonetics, pronunciation, essentials of grammar, common idioms and vocabulary. Reading and simple composition. Translation from German to English and from English to German. Emphasis on the elements of reading, writing and conversation. No credit for 101 to students who have completed two years of German in high school. Prerequisite to 102: German 101 or satisfactory score on placement test.

201, 202 Intermediate German **4, 4 s.h.**

Three hours of classroom work and one hour of laboratory per week. A review of grammar. Selected readings designed to assure mastery of the fundamental skills of understanding, speaking, reading and writing German of moderate difficulty. Composition and translation. Intensive practice in the spoken language to develop student's vocabulary and oral proficiency. General insight into various aspects of German life. Prerequisite for 201: German 102 or two years of high school German and satisfactory score on placement test. Prerequisite for 202: German 201 or two years of high school German and placement test scores that indicate enough preparation for the 202 level.

301 Advanced Conversation and Grammar **3 s.h.**

Conversation and comprehension drills accompanied by advanced grammatical analysis based on graded readings from literary works and periodicals. Primarily designed for future language teachers but also intended to meet the needs of those who want the spoken language for cultural or professional reasons.

302 German Civilization **3 s.h.**

Conducted primarily in German. Introduction to German geography, history, culture and literature. Prerequisite: German 201, 202, 251, or demonstration of oral proficiency to the satisfaction of the instructor.

Spanish

Requirements for a Spanish major: 10 courses beyond Spanish 102. Requirements for a Spanish minor: six courses beyond Spanish 102. Students receiving advanced placement credit under the CLEP program may apply this credit as two courses in fulfillment of major or minor requirements.

101, 102 Elementary Spanish **4, 4 s.h.**

Three classes and one hour of laboratory per week. Pronunciation, oral work, the elements of grammar, common idioms and vocabulary. Prerequisite to 102; Spanish 101 or satisfactory score on placement test.

160 Hispanic Culture (Fall; Spring) **3 s.h.**

This course is taught entirely in English. The civilization of the Hispanic world from prehistoric to modern times, as represented in art, literature, music and history. Three classroom hours per week. Audio-visual materials will be presented. Successful completion of this course and French 160 will satisfy the general college language requirement. Spanish 160 does not count toward satisfaction of requirements for major or minor.

201, 202 Intermediate Spanish **4, 4 s.h.**

Three classes and one hour of laboratory per week. A review and more detailed study of grammar, with selected readings, designed to assure mastery of the fundamental skills of understanding, speaking, reading and writing Spanish of moderate difficulty. Prerequisite to 201: Spanish 102, or two years of high school Spanish and satisfactory score on placement test. Prerequisite to 202: Spanish 201, or two years of high school Spanish and placement test scores that indicate enough preparation for the 202 level.

241 Advanced Conversation and Grammar **3 s.h.**

Conducted in Spanish. Phonetics and grammar taught inductively, through constant repetition, as a basis for oral command of the language. Intended primarily for students preparing to teach

Spanish but meeting the needs of those whose fields of interest create a special need for the spoken language. Prerequisite: Spanish 202 or demonstration of oral proficiency to the satisfaction of the instructor.

242 Advanced Composition and Grammar 3 s.h.
Conducted in Spanish. An analytic study of the grammatical structure of the Spanish language, with extensive practice. Designed primarily for those preparing to teach Spanish. Prerequisite: Spanish 202, or demonstration of oral proficiency to the satisfaction of the instructor.

251 Culture and Civilization of the Hispanic World 3 s.h.
Conducted in Spanish. The development of the history and culture of Spain from its beginnings to the present. Contributions of Spain to Western civilization. The expansion of Spanish culture into the New World. Prerequisite: Spanish 202, or three years of high school Spanish and satisfactory score on placement test.

261 Survey of Spanish Literature I 3 s.h.
Conducted in Spanish. The development of Spanish literature from its beginning through the Golden Age. Prose and poetry of the Middle Ages and the Renaissance. The mystics. The creation of the national theatre. The drama from Lope de Vega to Calderon. Cervantes and the modern novel. The Baroque, Quevedo and Gongora. Prerequisite: Spanish 202, or three years of high school Spanish and satisfactory score on placement test.

262 Survey of Spanish Literature II 3 s.h.
Conducted in Spanish. A general view of the development of Spanish literature from the 18th century to the present. Neoclassicism. Romanticism and realism. The literary trends of the 20th century. Prerequisite: Spanish 202 or three years of high school Spanish and satisfactory score on placement test.

351 Spanish Literature: Cervantes 3 s.h.
Conducted in Spanish. The life, thought and works of Cervantes with special emphasis on his *Don Quijote*. Prerequisite: Spanish 261, 262 or consent of instructor.

420 Survey of Spanish-American Literature 3 s.h.
Conducted in Spanish. Primitive cultures in Spanish-America. General view of the development of Spanish-American literature from the colonial period to the present. Prerequisite: Spanish 202 or consent of instructor.

485 Seminar in Spanish Literature
This course is designed to provide advanced students with in-depth study of a specific period of Spanish literature to be determined by the department according to the needs and interests of the student. This course may be utilized for credit on different topics. Credit to be determined. Prerequisite: Spanish 242 or permission of instructor.

GEOGRAPHY

(Required of Elementary School Teachers)

252 Regional Geography 3 s.h.
For convenience in study, the earth is divided into regions which have some measure of unity. The topography, climate, and natural resources of each region are considered, chiefly as they relate to man's activities.

GEOLOGY (See also Science)

151 Physical Geology 4 s.h.
An introductory course: a study of the nature and properties of materials composing the earth and the processes by which they are formed, altered, transported and distorted. Three lecture hours and one three-hour laboratory period per week. Prerequisites: none.

152 Historical Geology 4 s.h.
An introductory course: a study of the chronological story of how the processes of Physical Geology have operated and a study of the geologic records of life forms. Three lecture hours and one three-hour laboratory period per week. Prerequisites: none.

HISTORY

Requirements for a major in History: a minimum of 30 semester-hours in the department. Requirements for a minor: a minimum of 18 semester-hours in the department. History 101 and 102 are prerequisites for all other courses offered in the department. These prerequisites can be waived only in exceptional hardship cases with the permission of the area chairman. History 201 and 202 are required for both the major and the minor.

Students planning to enroll in the Teacher Education Program for social studies certification are required to take a total of 21 semester hours in three additional departments in the social science area in addition to 30 semester hours in History.

101 Western Civilization I 3 s.h.
The history of civilization in the western world, beginning with the earliest records and continuing through the Renaissance. Particular stress is placed upon political, economic and cultural developments.

102 Western Civilization II 3 s.h.
A continuation of the study of western civilization, beginning with the Reformation and concluding in the 20th century. Emphasis is placed upon political, economic and cultural developments.

201 United States History I 3 s.h.
Transit of civilization from Europe to America, beginning with Colonial settlements and emphasizing the historical developments in the United States of political, social, and economic importance to 1876.

202 United States History II 3 s.h.
A continuation of the study of the history of the United States since 1876 with emphasis on the emergence of this nation as a political, economic, and social force in the modern world.

311 Ancient History 3 s.h.
A history of the ancient Near Eastern civilization, the Hellenic, Hellenistic, and Roman worlds.

312 Medieval History 3 s.h.
A study of the medieval world from 300-1300, from the time of Diocletian to that of Dante.

321 History of Europe, 1789-1870 3 s.h.
This course will cover the century following the fall of the **ancien regime** through the periods of conservative reaction and the continuing legacy of the French Revolution, of liberalism and nationalism in the nineteenth century.

353 History of Modern Britain 3 s.h.
A survey of the history of Great Britain from 1485 to the present. Particular attention will be paid to the constitutional development, economic and social development, and the rise and decline of the colonial empire.

401 History of Asia 3 s.h.
A study of the history of China, Japan, Korea, India, and the lands of Southeast Asia, including Indonesia and the Philippines. Emphasis upon factors in the development and recent modifications of political, social, economic, and intellectual traditions of those areas.

411 Soviet Russia and International Communism 3 s.h.
An examination of the history of Russia during the Tzarist regime, the 1917 Revolution, and recent international developments emanating from the Marxist axis in Moscow.

422 Contemporary America, 1920-1970 3 s.h.
A survey of American history since World War I, illuminating some of the major internal developments and tracing the growth of the United States as a major power in international affairs.

450 Modern European History 3 s.h.
A brief survey of the background of World War I, with concentration on pre- and post-World War II Europe. Map exercises and outside readings required. Prerequisites: History 101 and 102.

485 Independent Study in History
The study of a special topic through research or reading. The student's selection of topic will be in consultation with and his work carried on under the supervision of a member of the instructional staff. It is intended that this course enable the student to investigate an area of history he would otherwise be unable to study in a traditional program. Enrollment by permission of the department coordinator. Credit to be determined.

INTERDISCIPLINARY COURSES

Career Counseling 1 s.h.
This course is designed to aid students in making decisions concerning their careers, either those presently available or those that might become possibilities in the future. The contribution of liberal arts studies to career development will be considered. Faculty members representing various college departments and business and industrial leaders from the community will be invited to discuss opportunities in their respective areas of interest. Class meets once weekly for a 50-minute period during the fall semester.

The Future 1 s.h.
Selected faculty members are invited to analyze and discuss specific problems and possible developments in the future of human society, with periodic group discussions involving students. Areas of interest include the physical, economic, social and moral aspects of life in the future. Purpose of the course is to help students prepare themselves for meeting leadership responsibilities in the emerging world and for dealing creatively with their own life situations. Those desiring academic credit will be required to complete a specific research project under guidance of the appropriate instructor. Class meets once weekly for a 50-minute period during the spring semester.

MATHEMATICS

Requirements for a major in Mathematics: (1) a minimum of 27 semester hours in the department beyond Math 111 (Math 407, 410 excluded); (2) Physics 151 and 152. A Mathematics major with Secondary Education minor must complete Math 315 (Modern College Geometry) and Math 316 (Modern Algebra). Requirements for a minor in Mathematics: a minimum of 15 semester hours in the department beyond Math 111 (Math 407, 410 excluded).

90 Pre-college Mathematics Refresher
A combination teaching approach, program and lecture, in the basics of arithmetic. It is to include a pre-test to place the student and will cover the mathematics operations on whole numbers, fractions, decimal fractions, and percents. Successful completion of this course or successful score on the Methodist College Mathematics survey examination is required prior to entering the freshman mathematics program. This course is graded pass/fail and carries no college hour credit.

109 Basic Mathematics (1,1,1) 3 s.h.
Three 1 s.h. mini-courses to cover topics of practical applications. (1) **Consumer Mathematics; Tables and Graphs;** (2) **Algebra I; Sets and Logic;** (3) **Metric Measures** (including brief theory of measurement). These mini-courses may be taken in any sequence. Prerequisite: Math 90 or pass Methodist College Mathematics survey exam.

110 Basic Mathematics, Special Courses
Mathematics 110 consists of selections from six mini-courses each carrying 1 s.h. credit. These six mini-courses provide the topics for three special 110 courses: science; business related; Elementary Education; and one non-directed 110 course liberal arts. The 110 mini-courses follow: (1) **Real Number System,** (2) **Algebra II, Indirect Measurement;** (3) **Geometry, Geometric Measures;** (4) **Numeration; History of Real Numbers;** (5) **Probability and Statistics;** (6) **Linear Programming and Computers.** Prerequisite for any of the 110 mini-courses: Math 109 or CLEP credit (3. s.h.).

110 Science (1,1,1) 3 s.h.
Three mini-courses: (1) **Probability and Statistics;** (2) **Algebra II, Indirect Measurement;** (3) **Geometry, Geometric Measures.**

110 Business Related (1,1,1) 3 s.h.
Three mini-courses: (1) **Algebra II, Indirect Measurement;** (2) **Probability and Statistics;** (3) **Linear Programming, Computers.**

110 Elementary Education (1,1,1) 3 s.h.
Three mini-courses: (1) **Probability and Statistics;** (2) **Geometry, Geometric Measures;** (3) **History of Real Numbers, Numeration.**

110 Liberal Arts (1,1,1) 3 s.h.
Three mini-courses selected from the program by the student.

111 A-B Pre-Calculus Mathematics (3,3) 6 s.h.
Normally offered on a five-days-per-week basis, with completion of 111-A at the mid-semester point and 111-B at the end of the semester. A postulational approach to college algebra, with emphasis on the study of the elementary functions as a direct preparation for the notation and theory of analytic geometry and calculus. Prerequisite: three years of secondary school mathematics to include two years of algebra and units in geometry and trigonometry, or demonstration of proficiency in Math 109, 110, or by testing.

112 A-B Introduction to Calculus (3,3) 6 s.h.
Normally offered on a five-day-per-week basis with completion of 112-A at mid-semester and 112-B at the end of the semester. Theory is exposed at the intuitive and geometric level.

A. Introduction to limits of functions; the derivative; curve sketching; applications of the derivative; the integral. Prerequisite: 111-B.

B. Plane vectors; conic sections; geometric approach to limits and continuity; calculus of the trigonometric functions; inverses of the trigonometric functions; exponential functions; logarithmic functions; hyperbolic functions. Prerequisite for 112-B is 112-A.

211 Mathematical Analysis I 3 s.h.
A continuation of the studies of the calculus of two variables. The topics include parametric equations; polar coordinates; the various methods of integration; applications of the integral; limits and continuity studied from the delta-epsilon approach. Prerequisite: Math 112-B.

212 Linear Algebra 3 s.h.
A study of systems of linear equations, matrices, determinants, vector spaces, linear dependence, linear transformations, similarity of matrices and characteristics of a matrix. Prerequisite: Math 111.

216 Introduction to Probability and Statistics 3 s.h.
Includes permutations, combinations, binomial and normal distributions, analysis of data, sampling theory, testing hypotheses, random variables and probability functions.

311 Mathematical Analysis II 3 s.h.
A beginning of the study of the intermediate to advanced topics of analysis; indeterminate forms; infinite series; solid analytic geometry; partial derivatives; multiple integrals. Prerequisite: Math 211.

312 Mathematical Analysis III 3 s.h.
Vector functions and their derivatives: Frenet-Serret formulas. Gradient, divergence and curl. Multivariable calculus: partial derivatives; directional derivative; total-differential. Implicit functions; Jacobians, areas and volumes by double and triple integration. Line and surface integrals; Green's and Stokes' theorems; divergence. Improper integrals. Fourier series. Prerequisite: Math 311.

315 Modern College Geometry 3 s.h.
Advanced Euclidean geometry and an introduction to non-Euclidean geometry. This course is designed to be particularly useful to prospective secondary school mathematics teachers. Prerequisite: Math 112.

316 Modern Algebra**3 s.h.**

An introduction to the study of the basic algebraic properties of groups, rings and fields, including elements of set theory and polynomials. Prerequisite: Math 112, 212.

407 Modern Mathematics for Elementary Teachers**3 s.h.**

A content and method course for prospective elementary education teachers. The student will be actively involved with both the learning and the teaching of mathematical concepts both in and out of the classroom. Prerequisite: Math 110 El. Ed.

410 Mathematics for Secondary School Mathematics Teachers**3 s.h.**

A flexible program of reading, study, planning, writing and an examination of mathematics with respect to its application to secondary school biology, chemistry, and physics. It is designed to meet the needs of individual teachers or groups of teachers in the field of secondary school mathematics. The course is open to mathematics major or minor students or those persons currently teaching mathematics in secondary schools. (See Education 410-D.)

411 Differential Equations**3 s.h.**

An introduction to ordinary differential equations of first and second order, with applications in geometry and physics. Prerequisite: Math 211, 212.

414 Introduction to Complex Variable Theory**3 s.h.**

The algebra and geometry of complex numbers. Elementary functions. Analytic functions; derivatives; Cauchy-Riemann equations. Integration. Cauchy's and Liouville's theorems. Taylor and Laurent series. Residues and poles. Conformal mapping. Prerequisite: Math 312.

422 **Numerical Analysis**3 s.h.**

Error propagation and estimation. Interpolation and approximation: Lagrange's formula and divided differences. Numerical differentiation and integration. Matrices and systems of linear equations: Gaussian elimination, Cramer's rule, matrix inverses, pivoting strategy, illconditioning, and iterative methods. Numerical solutions of differential equations: solutions by series, Euler's method, and Runge-Kutta methods. Prerequisites: Math 211 and 212.

MUSIC

The Music Department is constituted to serve the college in three ways: (1) to provide courses and activities in music which will add value and enjoyment to the general college program; (2) to provide sequences of courses in music which, if successfully completed, will enable students to earn a major or minor in this field; and (3) to provide the musical parts of curriculums which will prepare students for careers in teaching music privately and in the public schools.

A minimum of 40 hours in music is required for a major in the field. The following courses are required of all music majors: Music 161, 162, 261, 262, 351, 352 and 401. Students preparing to teach in the public schools must complete the following additional courses in music: Music 361, 362, 410 and 461. Students majoring in music are required to continue individual work in applied music; they must complete eight to 16 hours in this field, depending on their area of specialization. Music majors are also required to participate in ensemble throughout their course of study.***

Music majors whose main applied field is one other than piano must demonstrate enough keyboard facility to enable them to meet the practical requirements of the activities for which they are preparing. This would mean, at the minimum, the ability to play at sight simple accompaniments. For students with no previous piano study this requirement would probably involve three or four semesters of piano. The ability in this area of each student will be reviewed at the end of the sophomore year.

Music majors are required to attend all student recitals as well as all evening musical events sponsored by the college unless excused by the department chairman.

Students who are not music majors also enroll in music courses for which they are qualified, including private instruction in applied music. Credit will be granted in private instruction only for work on the collegiate level. Credit or non-credit status will be determined by preliminary audition.

**To alternate with Math 414 as determined by needs of students.

***An exception may be made to this requirement while a student is engaged in student teaching.

A student may earn a minor in music by completion of a minimum of 15 semester hours' work in music courses. These must include Music 151, 161, 162, plus six hours in applied music to be chosen in consultation with the area chairman.

Special Preparation for Teaching Music in the Public Schools

A student preparing to teach music in the public schools must study in a major and a minor performance area. The major performance area may be chosen from the following: voice, piano, organ, a stringed instrument, a woodwind instrument, a brass instrument or percussion instruments. Advancement reached in the major area must at least equal the work called for in the 300-level course of private study described in this catalog. The student must be able to play or sing solos expressively, as well as carry his part creditably in a small ensemble. Students with sufficient skill and previous study are urged to go beyond these minimum requirements and to present a recital or part of a recital in the senior year.

Study in the minor performance areas must include at least elementary study involving a string instrument, a woodwind instrument, a brass instrument, a percussion instrument, and private voice instruction, unless the student already has the ability to play instruments of these types or has had extensive vocal training. In such cases, these requirements may be passed by advanced standing examinations.

If the student has little or no keyboard experience, he must study piano until he can demonstrate enough proficiency to enable him to carry out normal duties which might arise in teaching music in public schools. This would entail the ability to read simple accompaniments, play for group singing, improvise, and make simple transpositions. Each student must pass an examination in functional piano (unless his major area is piano), this to be completed as soon as he and his advisor determine that he has reached the desired level of proficiency. All students are urged to go beyond minimum requirements in keyboard skills.

151 Music Appreciation**3 s.h.**

Development of listening ability through analysis of the elemental forms, and styles of music. The work is carried on through lectures, reports, and listening. The course is introductory and does not presuppose experience in music. Not open to students who have received credit for Fine Arts 152.

152 Music Fundamentals for Classroom Teachers**3 s.h.**

A course for students with no musical background who are preparing to be teachers in grades K-3 or 4-9. Practice in sight-singing and ear training; scales; principles of notation; keyboard practice. The class meets four hours a week.

161, 162 Basic Musicianship I**3, 3 s.h.**

An introductory course in theory intended to provide a working knowledge of musical terminology, scales, intervals, rhythms, and elementary harmony. The study includes practice in sight-singing, dictation, melody writing, keyboard application, and the writing of simple contrapuntal exercises. The class meets five hours a week.

261, 262 Basic Musicianship II**3, 3 s.h.**

A continuation of the study of music theory. Further work in diatonic and chromatic harmony as well as simple contrapuntal writing. Drill in harmonic dictation and keyboard harmony. Prerequisite: Music 162.

291 Music in The Protestant Church (See Religious Ed. 291)**2 s.h.**

A course designed to provide a practical understanding of the use of music in the Church. As background the course surveys the development of Christian liturgical music and of Christian hymns. Emphasis is placed on the problems of the organist, the choirmaster, and the minister in providing meaningful music in the worship service of today. Prerequisite: Music 151 or 162, or permission of instructor.

351, 352 History of Music**3, 3 s.h.**

A survey of musical styles from early Christian times to the present. The study includes reports, readings, demonstrations, and listening. Prerequisite: Music 162 or permission of instructor.

- 361 Conducting** 2 s.h.
Study and practice of the techniques of conducting and score reading in both vocal and instrumental fields. Prerequisite: Permission of instructor.
- 362 Orchestration** 2 s.h.
Study of the characteristics and capabilities of individual orchestral and band instruments. Practice in scoring for various types of instrumental ensembles from chamber groups to full orchestra. Prerequisite: Music 162 or permission of instructor.
- 401 Form and Analysis** 2 s.h.
Development of skills in formal analysis through the study of representative works from the various style periods. Practice in writing in some of the simpler formal patterns. Prerequisite: Music 262.
- 402 Sixteenth-Century Counterpoint** 2 s.h.
A study of the style of vocal polyphony of the 16th century; analysis of 16th century compositions; practice in writing contrapuntal exercises as well as short compositions. Prerequisite: Music 162.
- 403 Twentieth-Century Music** 2 s.h.
A study of the styles and techniques of 20th century music. Survey of the development of style and idiom from Debussy through the later contemporaries. Prerequisite: Music 352 or permission of the instructor.
- 410 Music Materials and Methods in Public Schools (See Ed. 410-M)** 3 s.h.
A study of the materials, methods and procedures of teaching music to elementary school children; the adolescent voice; junior high school music; the general music class; organization of choral and instrumental groups on the secondary level. Prerequisite: permission of instructor.
- 450 Special Problems in Music Literature** 2 or 3 s.h.
Individual study and research on problems in the field of music literature and history. Prerequisite: Music 352.
- 461 Advanced Conducting** 1 s.h.
Practical experience in rehearsing and conducting college performing groups. Prerequisite: Music 361.

Applied Music

Courses in this category may not be used to fulfill the basic Fine Arts requirement.

- 173, 174, 273, 274, 373, 374, 473, 474 Chorus** 1 s.h. each
Study through rehearsal and performance of selected works from choral literature of the various periods. Prerequisite: permission of instructor. Three rehearsals weekly. Students must be enrolled two consecutive semesters in order to receive academic credit. Exception will be made for seniors who are student teaching.
- 175, 176, 275, 276, 375, 376, 475, 476 Orchestra** ½ s.h. each
Study through rehearsal and performances with the Fayetteville Symphony Orchestra of selected works from the great orchestral literature. Prerequisite: successful audition. Meets two hours weekly.
- 177, 178, 277, 278, 377, 378, 477, 478 Wind Ensemble** 1 s.h. each
Study through rehearsal and performance of selected works from the band literature. Prerequisite: permission. Meets three hours weekly.
- 179, 180, 279, 280, 379, 380, 479, 480 Stage Band** 1 s.h. each
Study through rehearsal and performance of selected works and arrangements for stage band. Prerequisite: permission of instructor. Meets three hours weekly.
- 201, 202 Stringed Instruments** 1, 1 s.h.
A study of the basic principles of playing and teaching stringed instruments, for students with no previous experience. Each student must learn to demonstrate characteristic tone quality and elementary technique on at least one stringed instrument. Class meets two hours each week. Prerequisite: permission of instructor.

- 203 Woodwind Instruments** 1 s.h.
A study of the basic principles of playing and teaching woodwind instruments, for students with no previous experience. Each student must learn to demonstrate characteristic tone quality and elementary technique on at least one woodwind instrument. Class meets two hours each week. Prerequisite: permission of instructor.

- 204 Brasses and Percussion Instruments** 1 s.h.
A study of the basic principles of playing and teaching brass and percussion instruments, for students with no previous experience. Each student must learn to demonstrate characteristic tone quality and elementary technique on at least one brass and one percussion instrument. Class meets two hours each week. Prerequisite: permission of instructor.

Individual Instruction

Emphasis is placed on acquiring a sound musical and technical equipment as well as on the thorough study of representative works from the literature for the particular instrument or voice.

Frequent opportunity to perform is provided in recitals, including general student recitals and partial or full formal recitals.

One semester hour of credit is granted for successful completion of a course involving one lesson (½ hour) and at least five hours of practice each week. Two semester hours of credit are granted for two lessons each week and at least ten hours of practice. A jury examination is required at the end of each semester.

- 105, 106 Elementary Piano Class** 1 s.h.
For beginning students. Only music majors may receive credit.

- 205, 206 Elementary Piano** 1 s.h.
Continuation of 105, 106. Only music majors may receive credit.

- 153, 154 Piano** 1 or 2 s.h. each
Major and minor scales, MM 88, four notes to a beat; arpeggios, MM 66; Bach, "Two-part Inventions"; early sonatas of Haydn, Mozart, Beethoven; Romantic and modern compositions of corresponding difficulty.

- 253, 254 Piano** 1 or 2 s.h. each
Scales at MM 104 and arpeggios at MM 84; Bach, "Two-part Inventions" and "Three-part Inventions"; sonatas by Hadyn and Mozart; Romantic and modern compositions.

- 353, 354 Piano** 1 or 2 s.h. each
All scales and arpeggios at rapid tempi; Bach, French and English suites; comparable compositions from Romantic and modern period; partial recital.

- 453, 454 Piano** 1 or 2 s.h. each
Scales in thirds, sixths, and tenths; Bach, "Well-Tempered Clavier"; French and English suites; concertos; full or partial recital.

- 155, 156 Voice** 1 or 2 s.h. each
Study of the principles of free, natural tone production through proper breathing, good posture, and vocal exercises. Diction and pronunciation are studied in simple art songs in English and Italian. Prerequisite: Piano 105 (or the equivalent) or permission of the instructor.

- 255, 256 Voice** 1 or 2 s.h. each
Continuation of 155, 156; progressive technical studies; art songs in English, Italian, and French or German; simple arias.

- 355, 356 Voice** 1 or 2 s.h. each
Studies for fluency and range; art songs in English, Italian, and French or German; study of recitative style; recitatives and arias from operas and oratorios of Handel, Bach, Mozart, etc.; contemporary songs.

- 455, 456 Voice** **1 or 2 s.h. each**
Advanced studies; development of style and expressiveness; art songs and/or arias in English, Italian, French and German; partial or full recital.
- 263, 264 Organ** **1 or 2 s.h.**
Technique for pedal and manual; easy preludes and offertories; Bach, "Little Preludes and Fugues"; service playing. Prerequisite: completion of requirements for Piano 154.
- 363, 364 Organ** **1 or 2 s.h.**
Bach, "Little Preludes and Fugues," "Orgelbuechlein"; Brahms, "Chorale Preludes"; Dupre, "Choral Preludes"; other standard works by German, French, and American composers; partial recital.
- 463, 464 Organ** **1 or 2 s.h.**
Bach, trio sonatas and selected works from the larger preludes and fugues; representative works from all schools; partial or full recital.
- 107, 108 Elementary Violin** **1 s.h. each**
For beginning students. Only music majors may receive credit.
- 207, 208 Elementary Violin** **1 s.h. each**
Continuation of 107, 108. Only music majors may receive credit.
- 157, 158 Violin** **1 or 2 s.h.**
Shifting and bowing exercises; scales and arpeggios; etudes of Mazas, Kayser, Kreutzer; sonatas of Corelli, Handel, Mozart; concertos of Vivaldi.
- 257, 258 Violin** **1 or 2 s.h.**
Double-stop studies; continued study of scales and arpeggios through 3 octaves; etudes of Kreutzer, Rode; concertos of Bach, Viotti; sonatas of Tartini, Mozart; contemporary pieces.
- 357, 358 Violin** **1 or 2 s.h.**
Scales in double stops; etudes of Fiorillo, Dont; sonatas of Beethoven; concertos of Mozart; unaccompanied movements by Bach; contemporary pieces; partial recital.
- 457, 458 Violin** **1 or 2 s.h.**
Advanced studies in bowing, scales, double stops; sonatas of Brahms, Franck, Hindemith; concertos of Mendelssohn, Beethoven; contemporary pieces; partial or full recital.
- 165, 166 Viola** **1 or 2 s.h.**
Scales and arpeggios; shifting and bowing exercises; etudes of Mazas, Schradieck; suites of Marais; sonatas of Handel.
- 265, 266 Viola** **1 or 2 s.h.**
Three-octave scales and arpeggios; more advanced shifting and bowing exercises; etudes of Kreutzer; concertos of Sitt.
- 365, 366 Viola** **1 or 2 s.h.**
Continuation of scale and arpeggio study; double stop studies; etudes of Kreutzer, Rode; unaccompanied movements by Bach; sonatas of Marcelllo; contemporary pieces; partial recital.
- 465, 466 Viola** **1 or 2 s.h.**
Scales in double stops; advanced bowing studies; etudes of Fiorillo, Campagnoli; sonatas of Bach; concertos of Mozart; contemporary pieces; partial or full recital.
- 167, 168 Flute** **1 or 2 s.h. each**
Studies for the development of tone; major and minor scales; Cavally, "Melodious and Progressive Studies," Books I and II (Anderson, Garibaldi, Kochler-Terschak, Kummer, etc.). Solo pieces selected from "Twenty-four Concert Pieces" (Cavally); Handel, sonatas.

- 267, 268 Flute** **1 or 2 s.h. each**
Continuation of tone studies; application and study of vibrato; major and minor scales; triad and dominant seventh chord arpeggios; Cavally, "Melodious and Progressive Studies," Books II and III; Handel, sonatas; Mozart, concerti; other works of comparable difficulty.
- 367, 368 Flute** **1 or 2 s.h. each**
Further tone and vibrato studies; more difficult scales and arpeggios with increased facility; velocity studies — all from memory, Anderson, "Famous Flute Studies," Op. 15, Op. 30, and Op. 63; passages from the orchestral repertoire; J. S. Bach, sonatas; Hindemith, "Sonata"; Griffes, "Poeme"; other works of comparable difficulty.
- 467, 468 Flute** **1 or 2 s.h. each**
Advanced technical studies; further study in the development of tone quality; continued work in scales and arpeggios; orchestral studies. Karg-Elert, "Twenty-four Caprices"; Anderson, "Virtuoso Etudes"; solos of the difficulty of Ibert, "Concerto"; Gordon Jacob, "Concerto"; Piston, "Sonata"; partial or full recital.
- 171, 172 Clarinet** **1 or 2 s.h. each**
Technical requirements; development of the embouchure, tonguing, hand and finger position, breathing, reed preparation, tone studies, scales and intervals. Studies by Rose and Klose; Wanhall, "Sonata"; Weber, "Concerto in F"; Rabaud, "Solo de Concours"; other works of comparable difficulty.
- 271, 272 Clarinet** **1 or 2 s.h. each**
Continued emphasis on tone production, phrasing, all scales and intervals. All transpositions required for orchestra literature. Studies by Klose; orchestral studies; Weber, "Concerto in E-flat" and "Concertino"; Bernstein, "Sonata"; other works of comparable difficulty.
- 371, 372 Clarinet** **1 or 2 s.h. each**
Advanced technical studies; further study in the development of tone quality; continued work in scales and arpeggios; orchestral studies; studies by Jean-Jean. Mozart, "Trio"; Hindemith, "Sonata"; Brahms, "Sonata in F Minor"; Debussy, "Rhapsody"; other works of comparable difficulty.
- 471, 472 Clarinet** **1 or 2 s.h. each**
Continued emphasis on tone production, phrasing, all scales and intervals. Studies by Jean-Jean. Mozart, "Concerto in A Major"; Brahms, "Sonata in E-flat Major"; Stravinsky, "Three Pieces" and other pieces of comparable difficulty; partial or full recital.
- 181, 182 Saxophone** **1 or 2 s.h. each**
Technical requirements: development of the embouchure, tonguing, breathing, reed preparation, tone studies, scales, Lasarus, "Method for Saxophone"; W. Voxman, "Concert and Contest Collection for Saxophone" (selected solo pieces).
- 281, 282 Saxophone** **1 or 2 s.h. each**
Continuation of tone studies and scales. Gatti, "Thirty-five melodious Technical Exercises"; Bossi, "Twenty-seven Virtuoso Studies"; sonatas by Heider and Hindemith; other works of comparable difficulty.
- 381, 382 Saxophone** **1 or 2 s.h. each**
Further tone and scale studies. Cavallini, "Thirty Caprices"; Klose, "Studies for Saxophone"; solo pieces of the difficulty of Ibert, "Concertino for Saxophone."
- 481, 482 Saxophone** **1 or 2 s.h. each**
Labanch, "Thirty-three Concert Etudes"; solo pieces of the difficulty of Glazounow, "Concerto for Saxophone"; orchestral passages for saxophone; partial or full recital.

193, 194, 293, 294, 393, 394, 493, 494 Brass Instruments* 1 or 2 s.h. each
 Development of the embouchure, tonguing, breathing, tone studies, scales. Emphasis on good tone production, range and intonation. Material and literature will be chosen on the basis of the student's needs and ability.

195, 196, 295, 296, 395, 396, 495, 496 Percussion Instruments** 1 or 2 s.h. each
 Review of the basic snare drum rudiments. Development of proper tone production, hand position, technical considerations; intonation development as regards tympani; proper sticking, concert and parade styles; interpretation of percussion notational procedures. Materials and literature will be chosen on the basis of the student's ability and needs. Tympani, snare drum and marimba will be used as a focal emphasis each of the years.

PHILOSOPHY

This department has been organized to provide for the needs of (a) students who major in other fields but who want courses in philosophy that will provide a desirable theoretical background for such professions as law, education, business, or the ministry; or (b) students who want to sample the philosophical discipline in their elective courses. Requirement for a minor in Philosophy: 15 hours.

251 Introduction to Philosophy 3 s.h.
 An examination of the principal problems with which philosophy deals, with criticism of particular writings of the great philosophers in such areas as ethics, metaphysics, political theory, and epistemology.

252 Logic 3 s.h.
 An introductory course in the field of logic, including an examination of deductive and inductive reasoning. Special attention is given to Aristotelian and symbolic logic, quantificational theory, and scientific method and common fallacies in the use of language.

311 The History of Ancient and Medieval Philosophy 3 s.h.
 A study of pre-Socratic Greek thought from Thales to the Atomists, Socrates, Plato and Aristotle, Epicureanism and Stoicism, Plotinus; a survey of medieval European thought, with major emphasis upon Scholasticism.

312 The History of Modern Philosophy 3 s.h.
 A study of Western philosophy from the Renaissance to Hegel. Major emphasis is placed on the development of the systems of rationalism, empiricism and idealism.

333 World Literature 3 s.h.
 A study of some of the masterpieces of world literature and of the ideas that are expressed in them. (Cross-listed as English 333.)

352 Ethics 3 s.h.
 An investigation of the problem of moral decision by way of an analysis of particular cases of moral conflict and a consideration of the classical moralists who attempted to formulate general principles for the solution of such problems.

356 Philosophy of Religion 3 s.h.
 A study of selected topics in religion: The nature of religion, its concepts and language; classical and modern arguments for the existence of God; the nature and destiny of man. Special emphasis is placed upon the influence of such contemporary trends as pragmatism, linguistic analysis, and existentialism.

402 Contemporary Philosophical Thought 3 s.h.
 An examination of some contemporary exponents of idealism, pragmatism, existentialism, personalism, process philosophy, and logical empiricism.

* (Trumpet, Trombone, French Horn, Tuba)

** (Snare Drum, Tympani, Bass Drum, Mallet Instruments, Traps)

485 Seminar in Philosophy 3 s.h.
 An examination and discussion of significant works, problems and thinkers in the field of philosophy. Topics will be selected by the department and will vary from year to year. The course may be repeated for credit.

PHYSICAL EDUCATION

A major in Physical Education requires 43 hours of work in the department above the 101-2 and 201-2 levels. The Physical Education major may be combined with any academic minor offered by the college.

The basic Physical Education major requirements include the courses 203, 204, 301, 302, 303, 304, 305, 306, 401, 402, 410, 411, 412, 413, 414, 415, 416 and 417. The student who wishes public school teaching certification in Physical Education, (K-12), must complete both the Physical Education major and the specified teacher education program, including student teaching. The latter requirement may be fulfilled through internship (student teaching) in either the fall or spring semester of the senior year. Those interning in the fall semester will be in the secondary education block (professional education) courses. Those interning in the spring semester will be in the elementary education block (professional education) courses.

Students who intern in the fall will be required to take the following courses:

Education 251, 342, 410, 415, 421-422	Philosophy 251
Psychology 250 and 352	Speech 151, 152 or 153

Students who intern in the spring will be required to take the following courses:

Education 251, 342, 411, 412, 421-422	Philosophy 251
Psychology 250 and 352	Speech 151, 152 or 153

Students completing either of the above teacher certification programs are prepared for certification in grades K-12. It should be noted that Education 342 should be completed in the sophomore or junior year prior to entering the student teaching block, and the observation and experience so gained should be at a grade level different from that at which the student teaching experience is to be gained.

The Physical Education minor requirements include 18 semester-hours of courses in Physical Education above the 101-2 and 201-2 level. The courses 203 and 204 must be included within the 18 hours. A Physical Education minor, alone, will not qualify students for public school certification in the field.

101-102 Freshman Physical Education 1, 1 s.h.

201-202 Sophomore Physical Education 1, 1 s.h.

Co-educational and required of all students.

Development of skills in: archery, badminton, basketball, field hockey, golf, fundamental movements, soccer, softball, tennis, judo, gymnastics, weight training, tag football and other activities. Courses are offered on both the beginning and intermediate levels.

211 Beginning Equitation	1 s.h.
212 Beginning Equitation	1 s.h.
311 Intermediate Equitation	1 s.h.
312 Intermediate Equitation	1 s.h.

A maximum of two semester-hours of credit will be granted for a beginning course in horseback riding skills (Saddle Seat Equitation) in lieu of Physical Education 201 and 202. An additional four semester-hours of credit will be granted for intermediate and advanced equitation, in addition to the required courses in Physical Education. Information about additional fees for equestrian training charged by the riding stable is available from the Registrar's Office.

203* History, Principles of Health and Physical Education 3 s.h.

An introduction to the fields of health and physical education, their historical, philosophical and sociological concepts, as well as their place in the relationships between society and the total school program.

*Should be taken in sophomore year by those majoring in Physical Education.

204* Organization and Administration of Health and Physical Education 3 s.h.

A study of the organization and administration of health and physical education, and the analysis of school policy; facility construction; purchasing; selection and care of equipment, and insurance coverage in the health and physical education program.

301 Physical Education in the Elementary School 3 s.h.

Modern methods and techniques involved in teaching physical education in grades K-9, with emphasis on the physical, social, emotional, and mental development of the child.

302 Health Education in the Elementary School 3 s.h.

Modern methods and techniques involved in teaching health in grades K-9, with emphasis on the child's knowledge of and attitudes toward his personal and environmental health.

303 Intramurals 3 s.h.

A study of the organization and administration of intramurals in the school physical education program.

304 Measurement and Evaluation in Physical Education 3 s.h.

An introduction of evaluative tools and measuring devices for dealing effectively in learning experiences involved with physical education.

305 Adaptive Physical Education and First Aid 3 s.h.

A study of the problems of the physically handicapped student, including examination procedures, detection of physical defects, and procedures for adapting activities in physical education. Also, a study of the practical application of first aid, including the care of athletic injuries.

306 Personal and Community Health 3 s.h.

A study of human growth and development, and its relation to personal health needs as might arise in today's society.

401 Anatomy and Physiology 3 s.h.

A study of basic human anatomy and functions of the body systems. It includes the skeleton and muscles, as well as functioning systems of the human body.

402 Kinesiology and Physiology of Exercise 3 s.h.

An introduction into human motion as it relates to physical education activities, and a study of the effects of physical exercises on the human body. Prerequisite: Physical Education 401.

410 Methods of Teaching Health and Physical Education in The Public Schools (See Ed. 410-C) 3 s.h.

Modern methods of teaching health and physical education in grades K-12, with emphasis upon the physical development of the student.

411-417 Theory and Applied Techniques for Methods of Teaching Physical Education** 14 s.h.

A study of theory and analysis of skill performance in physical education and sports, and the practical application of teaching and coaching strategies in various activities.

- 411 Methods of Football and Wrestling 2 s.h.
- 412 Methods of Baseball and Track 2 s.h.
- 413 Methods of Volleyball and Basketball 2 s.h.
- 414 Methods of Dance and Field Hockey 2 s.h.
- 415 Methods of Aquatics and Bowling 2 s.h.
- 416 Methods of Gymnastics and Golf 2 s.h.
- 417 Methods of Tennis and Soccer 2 s.h.

*Should be taken in sophomore year by those majoring in Physical Education.

**The major must complete 10 hours out of 14.

PHYSICS (See also Science)

Requirements for a minor in physics: 16 semester hours of work in the department, including Physics 151, 152, 201 and 202.

151 General Physics I 4 s.h.

Aspects of physical phenomena studied from the analytical point of view. This is a course designed essentially for science students. The work of the first half of the course will deal with mechanics, thermodynamics, and acoustics. Three hours of lectures and three hours of lab work each week. Prerequisite: Mathematics 111 and 112, or permission of instructor.

152 General Physics II 4 s.h.

A continuation of Physics 151. The semester's work includes the study of electricity, magnetism, optics, and modern physics. Three hours of lectures and three hours of lab work each week. Prerequisite: Mathematics 111 and 112, or permission of instructor.

201 Modern Physics 4 s.h.

A survey of modern atomic and nuclear physics, with introduction to quantum mechanics. Prerequisites: Physics 151 and 152 and calculus, or permission of instructor.

202 Introduction to Theoretical Physics 4 s.h.

A theoretical and mathematical treatment of physics at an intermediate level. Special emphasis will be put on dynamics and electro-magnetic theory. Prerequisites: Physics 151, 152 and calculus (see Mathematics curriculum), or permission of instructor.

POLITICAL SCIENCE

Requirements for a major in Political Science: a minimum of 30 semester hours in the department, including Political Science 460. Requirements for a minor: a minimum of 15 semester hours in the department. Political Science 151 is a prerequisite for all other courses offered in the department.

151 American Government 3 s.h.

A description and analysis of the origin, structure, and operation of the United States government, with emphasis on the roles of the executive, legislative and judicial branches of the government.

201 State and Local Government 3 s.h.

A description and analysis of the patterns of American state governments and the structural systems of municipalities; their functions in the fields of education, public health and welfare, law enforcement, highways, public safety, etc., with particular emphasis on North Carolina government.

227 Comparative Government 3 s.h.

A study of the systems of government in Great Britain, France, the U.S.S.R. and East Germany, as representatives of democratic and totalitarian systems, respectively.

303 Political Theory I 3 s.h.

A survey of influential political theories from the ancient Greeks to Jean Bodin.

304 Political Theory II 3 s.h.

A survey of influential political theories from Jean Bodin to the twentieth century.

346 American Diplomacy 3 s.h.

A study of American foreign policy from 1776, with emphasis on the development of governmental agencies which conduct foreign affairs. Special attention is given to the role of public opinion in the formation of foreign policy.

351 International Relations 3 s.h.

An introduction to the basic principles of international politics, the balance of power, imperialism, the practice of diplomacy, the settlement of conflicts through international law, and the search for peace through collective security.

371 American Constitutional Law I 3 s.h.
An analysis of the leading Supreme Court decisions in selected major areas, including the relations between the executive and legislative branches of the national government; federal-state relations; war powers; the powers to regulate commerce and to tax.

372 American Constitutional Law II 3 s.h.
An analysis of leading Supreme Court decisions dealing with civil liberties in general, and individual rights as related to criminal procedure.

421 Political Parties 3 s.h.
A study of the development, organization, function, and activities of the major and several of the minor political parties in the United States. Attention will also be given to the role of pressure groups.

433 Public Administration 3 s.h.
An introduction to the fundamentals of administrative organization, including the functions of the administrator, personnel and financial administration, and problems of administrative responsibility.

460 Senior Seminar 3 s.h.
Selected problems in the theory and practice of modern government. Emphasis is placed on the training of students to do original research work. Juniors may be admitted with the consent of the instructor.

485 Independent Study in Political Science
The study of a special topic in the discipline of political science, allowing the student to select an area of interest to be explored in greater depth, and in consultation with and under supervision of a member of the instructional staff. Enrollment by permission of the department head. Credit to be determined.

PSYCHOLOGY

To fulfill an academic major in Psychology the student must complete successfully 36 semester-hours of work in the department. Psychology 201 is a prerequisite for all other courses for both those majoring or minoring in the discipline. Those seeking the major should complete Biology 153 and 154 and at least one from among the courses Biology 460, Sociology 356, Physical Education 401 and English/Philosophy 333. To fulfill a minor in Psychology: at least 15 semester-hours in the discipline. It should be noted that those majoring or minoring in Education have the option of fulfilling the college's general requirement in Psychology by completing Psychology 250.

201 General Psychology 3 s.h.
An introduction to the field of psychology with emphasis upon the structure of the human organism and the areas of intelligence, personality, learning, and motivation.

241 Elementary Statistics 3 s.h.
Descriptive statistics and statistics of inference. The computation, application and interpretation of various elementary statistics.

250 Educational Psychology 3 s.h.
The principles of learning as applied to the classroom, including motivation, transfer, retention; emphasis will be placed on individual differences in learning and behavior and the subsequent need for guidance and counseling on both the elementary and secondary level.

340 Psychology of Personal Adjustment 3 s.h.
General orientation to a satisfactory personal adjustment to life and the principles of mental hygiene, its historical development and its relation to various behavioral and biological sciences as well as the individual and cultural determinants of behavior. Prerequisite: Psychology 201.

347 Psychological Tests and Measurements 3 s.h.
Theoretical and practical foundations underlying the construction, use and interpretation of standardized psychological tests and inventories.

351 Child Psychology 3 s.h.
The study of genetic, prenatal, infancy, childhood and preadolescent development, including the physical, psychological, emotional and social adjustment of the individual during those periods.

352 Adolescent Psychology 3 s.h.
The study of the characteristics and potentials of the preadolescent and adolescent years, the psychological and physical changes of adolescence, the emotional problems arising from them and the manner of resolving these problems to the satisfaction of the adolescent.

360 Abnormal Psychology 3 s.h.
Historical background of causes and subsequent treatment of behavioral pathology, leading up to present-day attitudes toward abnormal behavior. Emphasis will be placed on the understanding and prevention of these personality disorders, as well as upon discussion of types of treatment now used.

361 Social Psychology (See also Sociology 361) 3 s.h.
The psychology of interaction, with emphasis on the difference between individual and social behavior; the processes through which the biological individual is transformed into a social being; effects of social interaction on motivation, perception, and learning.

371 Introduction to Experimental Psychology 3 s.h.
An introduction to the use of the scientific method in the study of human behavior. Analysis and evaluation of experimental studies will be used to provide experience with research techniques using essential controls and acceptable procedures.

405 Foundations of Personality Theory 3 s.h.
Study of clinical and other observational findings relating to personality. Introduction to theories about the normal personality. Prerequisite: permission of instructor.

452 Psychology of Religious Experience (See Religion 452) 3 s.h.

464 Psychology of Learning 3 s.h.
The nature of learning processes, possible influences upon these processes and resultant behavior; application of the psychology of learning.

468 Physiological Psychology 3 s.h.
The physiological reactions within the nervous, muscular and glandular systems of man as they relate to his behavior.

471 Applied Psychology 3 s.h.
Theory and application of psychological principles in various social, occupational and vocational settings.

481 Systematic Psychology 3 s.h.
The major concepts of various schools of psychological thought and contemporary theoretical systems as they have evolved historically.

485 Special Problems of Psychology
Reading or research at an advanced level. Prerequisite: Psychology 201 or 250 and permission of instructor. Credit to be determined.

487 Internship in Psychology 5 s.h.
Five hours of service per week for ten weeks in a local agency, plus a two-hour weekly seminar and a satisfactory term paper based upon experiences acquired in the agency to which assigned.

RELIGION (See also Religious Education)

The student who chooses Religion as his major will be required to complete satisfactorily a total of at least 30 semester hours of work in the department. Of the 30 semester hours, completion of six hours in Bible (Old and New Testament) is required. Requirements for the minor: 15 semester hours in the department, including Religion 351. The college's general requirement of

six semester hours in Religion may be met by any two of the following: Religion 103, 104, 201, or 202. Programs of study in this area are designed to prepare students to serve as assistant and supply pastors, and to provide suitable background for those desiring seminary or other graduate schooling.

103 Introduction to Religion 3 s.h.
An examination of the various interpretations of such basic religious themes of human existence as God, man, guilt, suffering, death, salvation and ethics. Selected materials from several of the religions of mankind are utilized.

104 Introduction to Biblical Literature 3 s.h.
Selected biblical passages studied as literature. The course is designed to give the beginning student an acquaintance with the imagery, artistry and total message of important segments of the English Bible.

171A, 171B, 171C Field Work in Church Vocations 1 s.h. each
Supervised experience in the educational programs or the administration of a local church. For students actively involved in a church situation and planning to enter a church vocation. No student may enroll for more than three semesters.

201 Survey of the Old Testament 3 s.h.
A survey of Hebrew history and theology as set forth in Old Testament writings. Special attention is given to the developmental aspects of Israel's "covenant faith." The contributions of modern historical and literary criticism to a deeper understanding of that faith are utilized.

202 Survey of the New Testament 3 s.h.
Planned as a sequel to Religion 201. A study of the fundamental truths of Christian faith, based upon the New Testament account and exemplified in the life of the early Christian community. The social and cultural environment of Christianity is considered, as are the insights offered by modern scholarship's historical, theological, and literary inquiries.

221 New Testament Greek I 3 s.h.
Introduction to grammar and vocabulary of the Greek New Testament, with the intent to prepare the student for elementary work in Koine Greek.

222 New Testament Greek II 3 s.h.
Continued work in Koine Greek grammar and vocabulary. Some elementary work in the Greek text of the Gospel of Mark is expected.

301 The Old Testament Prophets 3 s.h.
A general survey of the prophetic tradition in Israel and a study of the lives and messages of Israel's prophets.

302 The Life and Teachings of Jesus 3 s.h.
A survey of the modern quest for the historical Jesus and a detailed study of the Gospel accounts, with special attention given to the various stages of Jesus' ministry and to the content of His message.

351 Religions of The World 3 s.h.
A comparative study dealing with the extant religions of the East (Hinduism, Buddhism, Islam, etc.), concluding with a survey of Judaism, Christianity, and Western pseudo-religions (Communism and Fascism).

392 The Life and Letters of Paul 3 s.h.
The content of the Pauline epistles and the historical account provided in Acts serve as the basic material for a study of the life of the great missionary apostle, the crucial events and the major issues involved in the development and expansion of the early Church, and the major themes of Paul's writings.

405 History of Religious Thought 3 s.h.
A study of the lives and writings of selected thinkers in the field of religion from the second century through the post-Reformation period. Individual research projects and oral reports by

students. The origin and development of significant theological concepts and doctrines emphasized.

406 Modern Religious Thought 3 s.h.
A survey of contemporary thinkers in philosophy and religion (19th and 20th centuries), beginning with Kant and continuing through the work of Bonhoeffer. Major theological "schools" or movements are studied in view of their interpretation of traditional fundamentals of faith.

485 Seminar in Religion
Research in selected areas of religion. This course attempts to familiarize the student with problems and suggested answers of religious experience, where the student desires in-depth study of such questions. Arrangements must be made in advance with the instructor who directs the project. Credit to be determined.

RELIGIOUS EDUCATION (See also Religion)

The major in Religious Education is designed to prepare students for ready entrance into graduate programs or for service as Assistant Directors of Religious Education. Students must complete 32 s.h. of courses, including Religious Education 220, 221, 225, 352 and 452, Religion 171 (ABC), 201, 202, 351, 291 (cross-listed as Music 291) and either 405, 406 or 485. A minor in Religious Education will require 15 s.h. of work, including Religious Education 220, 221, 225, 352 and 452.

220 Principles of Religious Education 3 s.h.
Introduction to Religious Education both as a discipline and as a program. Strong emphasis upon what is involved in Religious Education as a vocation. History, philosophy, materials and methods treated in an introductory manner. Staff relationships. Designed for student pastors and educational assistants in local churches.

221 The Program of The Local Church 3 s.h.
A sequel to Religious Education 220. Theology of the Church. Organization of the local church, functions of its various leaders, the major foci of such activities as evangelism, education, missions, stewardship, social concerns and worship. The inter-relatedness of these areas is emphasized.

225 The Curriculum of Religious Education 3 s.h.
An examination of the theory and content of Religious Education curriculum and the resources developed to support it. Principles of curriculum construction and evaluation will be established and put into practice through analysis of available resources and the composition of preliminary outlines.

291 Music in The Protestant Church (See Music 291) 2 s.h.

352 Age Level Ministries in Religious Education 3 s.h.
Religious education of children, youth and adults. Programs, materials and methods. A holistic approach, with psychological foundations in developmental tasks and the quest for identity. Prerequisite: Psychology 201.

452 Psychology of Religious Experience 3 s.h.
The relationship of religious experience to psychological development. The work of Hall, Starbuck, James, Freud, Goldman and others in psychology of religion. Principles applied to psycho-social problems of church ministries. (Cross-listed as Psychology 452.)

SCIENCE (See also Biology, Chemistry, Geology, Physics)

The Science curricula are divided into two categories: one for students who plan to major in a science or in mathematics; the other for those whose major fields of interest lie elsewhere and who will take courses in this area primarily to satisfy graduation requirements. Course descriptions should be read carefully to ascertain their appropriate category. Student should also consult "Suggested Programs" available from Guidance Office or faculty advisors.

The college offers a specific SCIENCE major, a program which may be fulfilled by completion of 32 semester-hours of work including the courses Biology 153 and 154, Chemistry 151 and 152, Geology 151 and 152, and Physics 151 and 152. While it is available to any student, this major program is designed especially for those students wishing to prepare themselves as teachers of science in the junior high school. Such students will also complete requirements for teacher certification in the Intermediate Grades (4-9), according to the program for science concentration. Curricula of the four subject fields involved and information on the teacher education program may be found elsewhere in this bulletin.

Another Science program spanning four fields (Biology, Chemistry, Earth Science, and Physics) has been designed especially for the student preparing for public school teaching at the elementary grade level. It involves eight semester-hours of work, including labs, and may be used by non-Science majors in fulfilling the college's general requirement in Science. (See Science 109 below.)

109 Science

	8 s.h.
Sc 109 CHEM	2 s.h.
Sc 109 PHYS	2 s.h.
Sc 109 E SC	2 s.h.
Sc 109 BIOL	2 s.h.

This is a two-semester course designed for students not majoring in a science, and involves the study of the four principal natural sciences; physics (Sc 109 PHYS); chemistry (Sc 109 CHEM); earth science (Sc 109 E SC); biology (Sc 109 BIOL). Each science subject is taught for one-half semester by an instructor who is a specialist in that particular science. The course work is based upon one three-hour laboratory period per week in addition to three hours of lecture or classroom work. Each segment of SCIENCE 109 offers a credit of two semester hours, for a total of eight semester hours for the entire course. The eight hours so earned will satisfy the science requirement for graduation and the course is designed for the needs of all students except those majoring in a science. This course may not, however, be used in conjunction with any other science course to satisfy general requirements for graduation.

The order in which the course work is taken, by full semester, is not restricted, although for those so fulfilling general requirements for graduation registration is for a two-subject sequence by semester only. For example, a student may register for Sc 109 CHEM and Sc 109 PHYS in one semester and Sc 109 E SC and Sc 109 BIOL in the other semester, or vice versa. He may not select subject sequence at random. Grading of each separate segment of the course will be carried out by the respective instructors; hence, it should be obvious that passing grades must be made on all four segments by those using this course to fulfill general requirements for graduation. To a limited degree, each segment of SCIENCE 109 may be taken separately as an elective by students in the other category whose work in other courses has not covered the same subject matter. Such enrollment, however, must be approved by the Registrar both as to subject matter coverage and with respect to the possibility of accommodating the student in the course. Students majoring in any of the natural sciences may not use any segment of SCIENCE 109 as partial fulfillment of requirements for the major. There are no prerequisites for this course.

300 Problems of The Environment

4 s.h.

A scientific study of certain aspects of the deterioration of our environment. Open only to students who have completed their general requirement in science. Offered fall semester.

SOCIAL SCIENCE (See also Science)

309 Man and His Environment (Spring)

3 s.h.

An interdisciplinary study of ecological problems created by overpopulation and pollution, from the point of view of the fields of sociology, political science, philosophy, religion, history, and economics. This course is open only to juniors and seniors and is not creditable toward fulfillment of any major or minor requirements. Offered spring semester.

SOCIAL WORK

Requirements for the Social Work major: 33 hours in the department, including Sociology 151. The remaining 30 hours will include 20 hours from the core Social Work courses (231, 302, 331, 332 and 440), with the other 10 hours to be selected from related Sociology courses.

231 Social Services

3 s.h.

An analysis and appraisal of the social role of welfare services, including an overview of the history, functions and problems in social welfare, with particular attention to career opportunities within the field of social work.

302 Child Welfare Services

3 s.h.

An analysis and appraisal of the social role of child welfare services, including an overview of the history, functions and problems in child welfare. Particular attention is given to career opportunities within the field.

304 Family Social Work

3 s.h.

A course designed to provide an understanding of the helping skills related to family dynamics, intergroup intervention, and the coping capacities of individual family members as well as whole families.

331 The Helping Process I

3 s.h.

A survey of current social work theory, with focus on the primary helping methods of social casework, social group work, and community organization.

332 The Helping Process II

3 s.h.

A survey of current social work theory, with focus on the secondary helping methods of social work administration and social work research.

440 Internship: Social Work Field Experience

5 s.h.

Five hours per week of field placement in a local agency or related community work, plus a two-hour weekly seminary designed to relate practice to theory. Students are supervised by agency personnel and by college faculty. Enrollment by permission of the instructor.

SOCIOLOGY

Methodist College now offers an academic major in either Sociology or Social Work. This allows the student greater opportunity for specialization at the professional or service level. Although grounded in the same fundamentals, each program has its own unique curriculum. Sociology 151 is a prerequisite for all courses in both fields.

Requirements for the Sociology major: 33 hours in the department, including Sociology 151. The remaining 30 hours may be completed in either Sociology or Social Work courses, at the student's option. Requirements for the Sociology minor: 17 hours in the department (may include both Sociology and Social Work). The student may not count work done for his major program as also fulfillment of any part of the requirements for the minor.

151 Principles of Sociology

3 s.h.

An introductory course designed to impart to the student a knowledge of himself in social context. Interrelationships in such areas as personality, society, and culture are examined. The student is familiarized with major social processes and institutional functions.

253 Social Problems

3 s.h.

A study of causative factors in the destruction of the life-organization of the individual, types of personal disorders, role impairment, the influences of social change on the structure of society, and the disorganization of selected social institutions.

254 The Community

3 s.h.

A study of the modern city and town in its ecological and cultural aspects. Growth of cities and resulting problems, trends in urban population, distribution, problems of recreation, welfare, housing, government, community and regional planning.

310 Juvenile Delinquency

3 s.h.

A study of the nature and types of delinquent juveniles and the social factors involved, including family background and neighborhood groups. Control and prevention are stressed. Courts, probation, rehabilitation and correctional institutions are studied. (Offered in even-numbered alternate years.)

356 Cultural Anthropology**3 s.h.**

A cross-cultural survey and analysis of social institutions, religion, art, beliefs, values and languages of people in industrial and non-industrial societies. (Offered in even-numbered, alternate years.)

360 Minority Relations**3 s.h.**

The study of various racial, ethnic, religious and other minority groups, particularly in America, with an emphasis on current patterns in intergroup relations. Dynamics and patternings of prejudice, discrimination and majority-minority relations are examined within a sociological and social-psychological framework. (Offered in even-numbered, alternate years.)

361 Social Psychology (See Psychology 361)**3 s.h.****372 Marriage and the Family****3 s.h.**

A course designed to provide understanding of family relationships for those unmarried, those contemplating marriage, those married, and prospective counselors of all of them; a functional approach to the interpersonal relationships of courtship, marriage, and family life.

410 Criminology**3 s.h.**

The nature and types of delinquent and criminal behaviour; the nature of the criminal and the crime; social, cultural and psychological factors involved in illegal behavior; efforts in control and prevention; the procedures of police, courts, probation, and correctional institutions.

431 Sociological Theory**3 s.h.**

Historical and analytical study of sociological thought; emergence and convergence of various sociological theories. Special attention is given to Comte, Spencer, Durkheim, Marx, Weber, Parsons, and Merton. (Offered in the fall semester of odd-numbered, alternate years.)

450 Senior Seminar**3 s.h.**

Theory and research in selected areas of sociology. Techniques of social research; current theory; thesis preparation. Recommended for all Sociology majors contemplating graduate studies in Sociology.

485 Independent Study in Sociology

The study of a special topic allowing the student to select an area of interest to be explored by him in greater depth, in consultation with and under supervision of a member of the instructional staff. Credit to be determined. Enrollment by permission of the departmental coordinator.

SPEECH**151 Fundamentals of Speech Communication****3 s.h.**

A course concerned with understandings and skills related to speech communication as it embraces the entire interaction process in intrapersonal, interpersonal and public speaking situations. Assignments treat both the role of initiator as sender of messages as well as the citizen's auditor-role as recipient for messages in a mass media age.

152 Public Speaking**3 s.h.**

A course designed for students preparing for careers in business, industry and the professions in which basic speech communication principles of person-to-person talk, interviewing, group interaction and public speaking are applied to the life and structure of the economic world.

153 Fundamentals of Oral Interpretation**3 s.h.**

A study of the principles of literary analysis by genre, with an aim at classroom and public presentation. The course utilizes projects in readers theatre, chamber theatre, creative dramatics and story telling, as well as individual performance in oral presentation of prose and poetry.

352 Persuasive Speaking and Writing**3 s.h.**

A course that seeks understanding of principles of human motivation through an eclectic study of basic psychological processes and the speech communication nature of mankind. Practical applications of persuasive techniques will be provided in exercises in both speaking and writing.

HONORS AND AWARDS

Deserving students who excel through academic achievements are recognized with special awards presented annually.

The Lucius Stacy Weaver Award was established in 1964 by the family of Dr. L. Stacy Weaver as a means of honoring Methodist College's first President. The award consists of an engraved plaque and is made to an outstanding member of each graduating class adjudged by the faculty to have best exemplified in personality and performance the qualities of academic excellence, spiritual development, leadership, and service.

The Marie C. Fox Philosophy Award, established by the first professor of Philosophy at Methodist College, is presented annually at the close of the academic year to the student in Philosophy who has in that year exhibited in his studies outstanding analytic ability, philosophical perspective and creative potential. The honorarium is a \$50.00 United States Government Bond or the cash equivalent thereof.

The Grace Tobler Award, established by Dr. John O. Tobler, the first professor of Political Science at Methodist College, in memory of his wife following her death in 1967. It is presented annually at the close of the academic year to one adjudged by the Political Science faculty as being an outstanding student in this field and having the greatest academic potential. To be eligible for consideration the student must have completed 18 hours of work in Political Science by or during the second semester of his junior year. The honorarium is \$100.00.

The George and Lillian Miller History Award, established by Methodist College's first Dean of Women, who was also a member of the History Department faculty staff. It is presented annually at the close of the academic year to one adjudged by the History faculty to have been an outstanding student in this field and having the greatest academic potential. To be eligible for consideration the student must have completed 18 semester hours of work in History by or during the second semester of his junior year. The honorarium is a \$50.00 United States Government Bond or the cash equivalent thereof.

The Balaez-Ambrose Mathematics Award, established by James Loschiavo, a 1969 (Summa Cum Laude) graduate of Methodist College, to honor Dr. Ofelia M. Balaez and Mr. Robert B. Ambrose, professors of Mathematics. It is presented annually at the close of the academic year to one adjudged by the Mathematics faculty to have been an outstanding student in this field and as having the greatest creative and academic potential. To be eligible for consideration the student must have completed 18 semester hours of work in Mathematics by or during the second semester of his junior year. The honorarium is \$50.00 in cash and a certificate of recognition.

The Edna L. Contardi English Award, established in 1970 by her former students, Charles G. Hartman, James T. Gwyn and Stephen A. Magnotta, in honor of the former professor of English at Methodist College. The award will be presented annually to the graduating senior who has majored in English and who has maintained the highest accumulative academic average in this field. The minimum requirement is a 3.00 accumulative academic average in English. In the event of a tie, the award will be equally divided. The honorarium is \$50.00.

The Ott-Cooper Science Award, established in 1971 by Mrs. Pauline Longest to honor the first and second chairmen of the Science and Mathematics Area: Dr. Charles N. Ott and Dr. William C. Cooper. It is presented annually to that senior majoring in a science who is selected by the science faculty as "outstanding in achievement" as a student and as having special potential for a professional career related to the sciences. The honorarium consists of \$50 and a certificate of recognition.

The Yolanda M. Cowley Award, established in 1971 to honor Dr. Yolanda M. Cowley, professor of Spanish. Now funded by the Spanish Club. The award will be presented annually at the close of the academic year to one adjudged by the Spanish faculty to have been an outstanding student in this field and having the greatest academic potential. To be eligible for consideration the student must have satisfied the requirements for a minor in Spanish. Students having Spanish as their native tongue will not, as a rule, be eligible. The honorarium is \$100.00 and a certificate of recognition.

The Plyler-Knott Award in Religion, established and now funded by Lynn Herndon Barnes, Michael Safley and William Presnell to honor Dr. Lorenzo Plyler and Dr. Garland Knott, professors of Religion. The award is given annually to the student judged by the Religion faculty as being outstanding in the field of Religion. To be eligible for the award a student must be planning to enter a religious vocation and must have successfully completed 12 semester hours of study in this field. The honorarium is \$75 in U.S. Government Bonds or cash equivalent thereof, and a certificate of recognition.

The Earl D. Martin Sociology Award, established in 1974 and now funded by the Ethos Club, to honor Mr. Earl D. Martin, Associate Professor of Sociology. The recipient is selected each March by the chairman of the sociology department and by the non-eligible officers of the Sociology Club. It is to be awarded to the most outstanding sociology or social work major in the fields of academics and activities in the respective fields. To be eligible the candidate must have successfully completed at least twenty-five hours in the field of sociology or social work. The award is a \$50 U.S. Government Bond or the cash equivalent thereof.

Methodist College Scholars comprise an elite scholarship group established by the faculty in 1964 as a means of honoring outstanding academic performance. Only those students who maintain the highest character and academic standards are eligible for election. Minimum academic standards are a 3.75 grade-point average for candidates completing the junior year, 3.60 for first-semester seniors, and 3.50 for graduating seniors. Election is by the faculty in the spring of each academic year.

The Student Education Association Award, presented annually by the Methodist College chapter of the Student Education Association to one of its members who has contributed to the work of the chapter and who has demonstrated outstanding potential as a teacher. The recipient is selected by a committee made up of the chairman of the Division of Education and Psychology, the Director of Student Teaching and the faculty advisor to the chapter. Established in 1974, the award has as its honorarium a \$50 U.S. Government Bond or the cash equivalent thereof.

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