





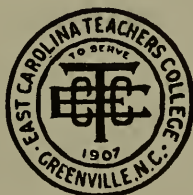
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East Carolina Teachers College

BULLETIN

Graduate Instruction



1948-1950

GREENVILLE, NORTH CAROLINA

EAST CAROLINA TEACHERS COLLEGE

IS AN ACCREDITED MEMBER OF

THE AMERICAN ASSOCIATION OF TEACHERS
COLLEGES

THE SOUTHERN ASSOCIATION OF COLLEGES AND
SECONDARY SCHOOLS

AND

THE NORTH CAROLINA COLLEGE CONFERENCE

East Carolina Teachers College

BULLETIN

Graduate Instruction



1948

GREENVILLE, NORTH CAROLINA

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PART ONE

OFFICERS AND GRADUATE FACULTY

BOARD OF TRUSTEES

EAST CAROLINA TEACHERS COLLEGE
GREENVILLE, NORTH CAROLINA

	Address	Term Expires
<hr/>		
CLYDE A. ERWIN, <i>State Superintendent of Public Instruction, Chairman ex officio</i>	Raleigh	
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T. T. HAMILTON	Wilmington	1949
MRS. CHARLES M. JOHNSON.....	Raleigh	1949
THOMAS J. HACKNEY	Wilson	1949
R. M. GARRETT	Greenville	1951
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C. P. MORRIS	Hertford	1951
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ARTHUR B. COREY	Greenville	1953
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OFFICERS OF THE BOARD

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State Superintendent of Public Instruction
Ex Officio Chairman

AGNES W. BARRETT, *Secretary*
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EXECUTIVE COMMITTEE

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BUDGET-BUILDING COMMITTEE

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ADMINISTRATION**GRADUATE DIVISION**

JOHN D. MESSICK	President
LEO W. JENKINS	Dean of Instruction
J. K. LONG	Registrar
E. R. BROWNING	Head of Department of Business Education
ALLAN S. HURLBURT	Head of Department of Administration and Supervision.
CARL L. ADAMS	Head of Department of Education and Psychology
LUCILE TURNER	Head of Department of English
P. W. PICKLESIMER	Head of Department of Geography
WENDELL W. SMILEY	Head of Department of Library Science
P. C. SCOTT	Head of Department of Mathematics
CHARLES W. REYNOLDS	Head of Department of Science
A. D. FRANK	Head of Department of Social Studies

GRADUATE FACULTY

JOHN D. MESSICK, Ph.D., Lit.D.	
LEO W. JENKINS, D.ED.	
CARL L. ADAMS, Ph.D.	Head of Department of Education and Psychology
MARGUERITE AUSTIN, M.A.	Foreign Languages
LAWRENCE BREWSTER, Ph.D.	Social Studies
E. R. BROWNING, D.ED.	Head of Department of Business Education
MARY CAUGHEY, Ph.D.	Science
LUCILE CHARLTON, M.A.	Education and Psychology
J. B. CUMMINGS, M.A.	Geography
WILLIAM S. DELOACH, Ph.D.	Science
AUDREY DEMPSEY, M.A.	Business Education
LENA C. ELLIS, M.A.	Business Education
JAMES L. FLEMING, M.A.	Head of Department of Foreign Language
A. D. FRANK, Ph.D.	Head of Department of Social Studies
LOIS GRIGSBY, M.A.	English
HUBERT C. HAYNES, Ph.D.	Education and Psychology
EMMA L. HOOPER, M.A.	English
ALLAN S. HURLBURT, Ph.D.	Head of Administration and Supervision
HAROLD C. JONES, Ph.D.	Science
J. K. LONG, Ph.D.	Registrar
W. E. MARSHALL, M.A.	Social Studies
GEORGE C. MARTIN, Ph.D.	Geography
HOWARD J. MCGINNIS, Ph.D.	Director of Field Service
ANNIE C. NEWELL, M.A.	Education and Psychology
J. L. OPELT, Ph.D.	Administration and Supervision
P. W. PICKLESIMER, Ph.D.	Head of Department of Geography
MARTHA PINGEL, Ph.D.	English
MEREDITH NEILL POSEY, Ph.D.	English

CHARLES W. REYNOLDS, Ph.D.	Head of Department of Science
JOHN O. REYNOLDS, Ph.D.	Mathematics
P. C. SCOTT, Ph.D.	Head of Department of Mathematics
WENDELL W. SMILEY, M.A.	Head of Department of Library Science
LUCILE TURNER, Ph.D.	Head of Department of English
ELIZABETH S. WALKER, M.A.	Library Science
CHRISTINE WILTON, Ph.D.	Science

PART TWO

GRADUATE INSTRUCTION

GRADUATE INSTRUCTION

1. *Purpose.* The primary function of East Carolina Teachers College is to prepare teachers and school administrators for all types of public-school work. As the state certification requirements for teachers and administrators advance, this College extends its curricula to prepare its students to meet the new requirements. Graduate instruction is intended to provide an advanced program of study for North Carolina teachers and school administrators and to enable them to meet the requirements for the graduate certificates issued by the State Department of Public Instruction.

2. *Administration.* The administration and direction of graduate instruction is in charge of the Committee for the M.A. Degree and the Dean of Instruction.

3. *Admission to Graduate Instruction.* Application for admission to graduate instruction must be made to the Dean of Instruction. Blanks for this purpose may be secured from the registrar's office.

To be admitted to graduate instruction, an applicant must hold a Bachelor's Degree from this College or from some other institution of equal rank or lack not more than six quarter hours of work to complete the resident requirements for the Bachelor's Degree, provided he is recommended for graduate standing by the director of his major department. He must also have met the undergraduate requirements for his major and minor fields and made not less than an average grade of "3" in all his undergraduate work.

If the undergraduate work of an applicant does not show the completion of at least fifteen quarter hours in English, nine of which shall be Composition, and twenty-four quarter hours in a combination of Education and Psychology, such

deficiencies shall be made up before the Master's Degree will be conferred.

Admission to graduate study is not equivalent to admission to candidacy for the degree of Master of Arts.

In addition to the general requirements for admission to graduate instruction, the several departments may set up requirements for graduate students. Many courses carry specific prerequisites. Graduate students must meet these requirements and satisfy the department concerned that they are prepared to undertake the work. Before completing registration, each student should read carefully the departmental and course announcements in the Bulletin and consult the department head and the course instructor. Each student should also choose a major field and work out a program of study with the director of the department.

4. *Transcripts.* Graduates from other institutions must present an official transcript of all college work completed. This transcript should be filed with the Registrar of the College before the first enrollment.

5. *General Information.* Each graduate student should choose a major field and consult the director of that department with reference to the work to be done in that department.

Courses numbered 300-399 followed by letter G indicate Senior-graduate courses.

Courses numbered 400 or above are open to graduate students only.

6. *Marks.* Credit is given for graduate instruction only for marks "1", "2", and "3".

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

1. At least one academic year must be spent on the campus of East Carolina Teachers College. The academic year must consist of three full quarters or a minimum of thirty-three weeks done within five consecutive years. A minimum of twelve quarter hours completed on the campus may be counted as a quarter's work, except that each student must

carry a minimum load of twelve quarter hours at least one quarter.

A maximum of nine quarter hours in any curriculum leading to the master's degree may be taken in off-campus extension work given by East Carolina Teachers College.

A graduate student who has received his baccalaureate degree from East Carolina Teachers College may earn a maximum of nine quarter hours in another institution having equal standards of graduate work, except that the maximum is reduced by the number of quarter hours the student has earned in off-campus extension courses at East Carolina Teachers College. For example, a student who has graduate credit for three quarter hours in extension work may not count more than six quarter hours of graduate work in another institution. Work done in another institution must be approved by the student's major adviser before the work is started. Except as stated in this regulation, graduate work may not be transferred from any other institution for credit toward the master's degree. Equivalent graduate credit may be transferred to East Carolina Teachers College for the purpose of satisfying a specific curriculum requirement and thereby permitting the substitution of an elective course.

2. *Admission to Candidacy.* Each student must make application to the Dean of Instruction for admission to candidacy. A graduate student will not be admitted for candidacy for the Masters degree until he has completed satisfactorily at least six quarter hours, one half of which must be in the candidate's major field. A graduate student must be approved for candidacy for the Masters degree before he is permitted to continue graduate study beyond 15 quarter hours.

3. Not more than fifteen quarter hours of work may be taken in any one quarter. Not more than nine hours may be taken in any one summer term.

4. Not more than fifty percent of the student's graduate credit may be taken in Senior-graduate courses.

5. *Course Requirements.* At least forty-five quarter hours of graduate work must be completed with no grade below a "3" and one-third of the grades above a "3". The work may be done under either of the following plans:

- a. Eighteen quarter hours in major field, nine quarter hours in Education or Psychology or in a combination of both, twelve quarter hours in general academic subjects, six quarter hours of seminar, and a thesis. The electives shall be selected with the advice of the director of the major departments.
- b. Twenty-one quarter hours in major field, nine quarter hours in Education or Psychology or in a combination of both and fifteen quarter hours in general academic subjects.

6. All graduate courses are offered in cycles following a sequence of three years, this method makes possible an evenly-balanced program of study.

The following is the required curriculum for Master of Arts degree candidates.

REQUIREMENTS FOR M.A. DEGREE

Fall Quarter

General Academic:

(Required of all candidates for M.A. degree)	<i>Qr.hrs.cr.</i>
Principles of International Law, 465.....	3
Modern Science, 402	3
Teaching Aids in Education, 420.....	3

Major Area:

Mathematics)	
Business Education)	
Administration)	
Education and Psychology	)	300G
Social Studies	)	and/or 6
English	)	400
Geography)	
Science)	
Library Science)	—

Total 15 qr.hrs.

Winter Quarter

General Academic:

(Required of all candidates for M.A. degree)

The Literature of the American Age of Reason, 318 G.a.....	3
Current Problems in Business, 440.....	3
Guidance, 360 G.....	3

Major Area:

Mathematics)	
Business Education)	
Administration)	
Education and Psychology	) 300G	
Social Studies	) and/or	6
English	) 400	
Geography)	
Science)	
Library Science)	—
	Total	15 qr. hrs.

Spring Quarter

General Academic:

(Required of all candidates for M.A. degree)

Educational Statistics, 330 G.....	3
Geography of World Problems, 410.....	3
Educational Foundations, 481.....	3

Major Area:

Mathematics)	
Business Education)	
Administration)	
Education and Psychology	) 300G	
Social Studies	) and/or	6
English	) 400	
Geography)	
Science)	
Library Science)	—
	Total	15 qr. hrs.

Notes:

1. Summer, 1949—Fall quarter schedule
Summer, 1950—Winter quarter schedule
Summer, 1951—Spring quarter schedule

2. This program of graduate work satisfies North Carolina requirements for certification for the high school principal's certificate and the graduate elementary and secondary certificates.
3. Graduate majors who are candidates for the superintendent's certificate must earn 27 quarter hours in education. All administration majors, therefore, should be exempt from the academic area requirements but their choice of electives would have to be in subjects offered in this program.
4. Substitutions of courses in the general academic area may be made with the advice and consent of the head of the major department and the dean of instruction.
7. *Thesis.* If a thesis is written it must show the result of an investigation of some educational problem related to the major field. The subject of the thesis must be approved by the director of the major department and the Graduate Committee at least two quarters before the degree is conferred. One bound typewritten copy of the thesis must be filed with the director of the major department before the degree is conferred.

No credit will be given for the seminar until after the thesis has been accepted.

8. *Teaching Ability.* Each student must satisfy the Graduate Committee as to his ability to teach. This may be done in either of two ways: (a) successful teaching experience, or (b) successful student teaching.

9. All candidates for the degree of Master of Arts must hold a Class A certificate, or satisfy that requirement before the degree is awarded.

COURSES OF INSTRUCTION

Significance of course numbers:

1. Courses numbered 400 to 499 are graduate courses.
2. Courses numbered 300 to 399 followed by the letter G are senior-graduate courses.

Complete description of all senior-graduate courses appear in the regular Bulletin of the College.

THE LIBRARY

The Library, located on Wright Circle, was erected in 1924. It is a fireproof building and is used entirely for library purposes. The reading rooms will accommodate 250 readers and the stack room has capacity for 80,000 volumes. The book collection numbers more than 61,000 volumes at present and is being added to at the rate of around 3,500 a year. More than 300 magazines and newspapers are received. Instruction in the use of the Library is given all freshmen and the students are encouraged to take full advantage of its facilities. Courses in Library Science are offered for teacher-librarians.

Special rooms are reserved for graduate seminar purposes.

PART THREE

GENERAL INFORMATION

EXPENSES

DAY STUDENTS

The fee for day students, i.e., those not living in one of the college dormitories, is \$43.00 a quarter of twelve weeks.

DORMITORY STUDENTS

The fee for dormitory students is \$141.00 a quarter. This fee covers tuition, instruction, minimum for meals in the cafeteria, room, laundry, admission to college entertainments, subscription to the college paper, and infirmary service for minor illness.

RESERVATION FEE

A reservation fee of \$5.00 must accompany the application for admission from all students. The fee is credited to the students' account, provided he enrolls in the quarter for which reservation is made. If he wishes to withdraw his application and notifies the College in writing at least two weeks before the opening of the quarter, the fee will be returned, except that no refund of a fall quarter fee will be made if requested after September tenth.

FEES PAYABLE EACH QUARTER

	<i>Dormitory Students</i>	<i>Day Students</i>
Registration, etc.	\$ 10.00	\$ 10.00
Tuition	25.00	25.00
Tuition (non-residents of N. C.)	60.00	60.00
Board (Minimum)	70.00	_____
Room Rent (Except Wilson Hall)	20.00	_____
Laundry	8.00	_____
	_____	_____
	\$133.00	\$ 35.00
Student Activity Fee	8.00	8.00
	_____	_____
Total	\$141.00	\$ 43.00
Wilson Hall (Additional Room Rent)---	3.00	

OTHER FEES

Private music lessons (a quarter)	\$15.00
Laboratory fees in certain subjects	2.00
Student teaching	10.00
Diploma fee (with application for graduation)	5.00
Late registration	1.00
Changes in schedule (a subject) .....	.25
Transcript (after first)	1.00
"Auditor" in one or more courses	6.00
Infirmary fee**	1.00
Use of piano or music instrument for individual instruction, a quarter	1.00

Special students, i.e., day students who schedule not more than eight credit hours a quarter, will pay a fee of \$3.00 a credit hour scheduled.

These fees are subject to revision by the Board of Trustees of the College, and it reserves the right to revise them at any time it is found necessary or advisable.

To be exempt from the out-of-state fee:

1. The parents or guardian of a student must be residents of the State at the time of his registration, or
2. The student must have established residence in the State at least six months before he entered the College.

A resident student is construed to be one who actually lives in the State and not one who has merely moved into the State for the purpose of securing an education from one of the State Institutions.

* This fee admits students to music concerts and lecture programs and pays membership or participation in the Student Government, the student newspaper, the annual, athletics, etc.

** Charged day students not living in own homes. Gives infirmary service.

TEXTBOOKS

Students are required to purchase their textbooks. For their convenience the College will maintain a depository where all necessary books may be purchased.

WITHDRAWALS, REFUNDS, CREDITS

Students who, for any reason, withdraw from the College before the end of any quarter will have a proportionate part of the amount paid for board refunded. In addition, if a

student withdraws before registration for the quarter is closed, one-half of the fees for room and tuition will also be refunded. Refund will be calculated from the date of official withdrawal from the College.

A student desiring to withdraw from the College should do so with the consent of his parent or guardian and the approval of the Registrar. Students who withdraw unofficially are not eligible to re-enroll in the College.

CREDIT.—No degree, diploma, or certificate will be granted or a transcript of credits furnished a student until all financial obligations to the College, other than student loans, have been paid.

All previously incurred expenses and accounts at the College must be fully paid or secured before a student may re-enter at the beginning of any quarter.

STUDENT LOAN FUNDS

Since the founding of the College in 1909, graduating classes, alumni, organizations, and individual friends of the College have contributed toward loan funds for worthy students.

The first gift toward a loan fund was made by the Class of 1911, the first class to be graduated from the College. For more than a decade, each succeeding class made a liberal contribution toward that fund which was called the "Students Loan Fund". The Class of 1922 named their gift the "Wilson Loan Fund". The alumni established the "Beckwith Loan Fund" and the "Austin Loan Fund".

During the year 1946 the Alumni Association established a loan fund of \$1,200.00 in honor of Miss Sallie Joyner Davis, Miss Maria D. Graham, Miss Mamie E. Jenkins and Miss Kate W. Lewis, all of whom were members of the first College faculty.

Other donors of loan funds together with present values of those loans are listed below:

A. B. Andrews Loan Fund	\$ 8,834.68
Beckwith Loan Fund	655.55
Kiwanis Loan Fund	210.76
Pitt County Loan Fund	2,975.16
Masonic Theatre Loan Fund	456.38
Wilson Loan Fund	1,966.27

St. Bernard Loan Fund -----	1,549.58
Students Loan Fund -----	3,203.48
Knights Templar and Royal Arch Masons Loan Fund -----	1,631.28
Abbott Loan Fund -----	3,279.95
Robert H. Wright Loan Fund -----	6,881.58
Austin Loan Fund -----	750.15
Alumni Loan Fund -----	1,200.00
Reserve -----	459.80
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Total -----	\$34,090.62

THE ADDIE FULFORD RODMAN MEMORIAL LOAN FUND, donated by Colonel W. B. Rodman in memory of his wife, yields approximately \$400 a year. This fund is in the custody of the State Department of Public Instruction.

APPLICATION FOR LOANS

Applications will be considered by the Loan Fund Committee of the College when made by students on blanks furnished by the Treasurer. The funds are limited in amount and are loaned to students only for use in their junior and senior years and on the surety of two approved signatures. Application should be made at least two weeks before the beginning of the quarter for which the loan is desired.

No student may borrow more than the actual college expenses for any one quarter, and no student may borrow a total of more than \$250.00 during his college career.

Scholarship and student government records are considered in the awarding of loans.

GRADUATE ASSISTANTSHIPS

A number of assistantships for graduate students are provided by the College and assigned to various departments of instruction. Each student receiving an assistantship will be required to assist in the work of the department concerned by teaching one three-hour course in his field of study, by serving as a laboratory or research assistant, or by performing other duties of a clerical nature. The amount of the award will be applied to the student's tuition, room or board.

Application for these assistantships should be made to the Chairman of the M.A. degree Committee.

PART FOUR

DEPARTMENTS OF GRADUATE INSTRUCTION

ADMINISTRATION AND SUPERVISION

MR. HURLBURT

MR. LONG

MR. OPPELT

360G. Guidance in Public Schools.

405. Elementary School Administration.

Three hours a week. Credit, three quarter hours.

Among the topics to be discussed are the following: the qualifications of the principal; the purpose and scope of elementary education; grouping of children for wholesome development; pupil progress; the daily program; pupil personnel and adjustment services; the school library; health of children; provision for exceptional children; the school office and the school plant. Required for the principal's certificate. Fall Quarter.

407. Public School Finance.

Three hours a week. Credit: three quarter hours. This course is designed to provide the student an opportunity to gain an over-view of the development of American educational finance and present trends. Some practical experience will be provided in budgeting school funds, auditing school accounts, making cost analyses and financial reports.

408. Public School Administration.

Three hours a week. Credit: three quarter hours.

Among the topics to be discussed in this course are the following: Administrative personnel and organization; administration of instructional employees; administration of the school plant; administration of school business affairs; administration of pupil personnel; administration of instructional materials.

409. High School Administration.

Three hours a week. Credit: three quarter hours.

Illustrative of the topics to be considered are the following: the development of the secondary school; aims of secondary education; organization and management of secondary schools; classroom control; supervision; the home room; the health program; extracurricular activities; the school library; appraising and reporting pupil progress; present practices and trends in high school administration.

This course is required for the principal's certificate. Spring Quarter.

422. The Elementary School Curriculum.

Three hours a week. Credit: three quarter hours.

This course is based on the following units: Understanding the elementary school child; guiding life in the school; organizing and presenting learning experiences by the unit approach; sources of materials; current practices and trends in teaching social science, the language arts, quantitative thinking, science, health and creative arts; evaluating changes in the child.

Required for elementary school principals and recommended for elementary teachers and supervisors. Fall Quarter.

424. The High School Curriculum.

Three hours a week. Credit: three quarter hours.

Topics to be discussed are: the present status of secondary education; philosophy of secondary education; studying the adolescent as a basis for curriculum re-organization; types of secondary curricula; procedures in curriculum re-organization; present trends. Required for certification as high school principal or supervisor. Winter Quarter.

428. Principles and Practices of Supervision.

Three hours a week. Credit: three quarter hours.

The following topics will be included: an emerging conception of supervision; the principles of supervision; the administrative organization for supervision; planning supervisory programs; studying and improving the teacher-learning situation; evaluating supervision.

Required for certification as a principal or supervisor. Winter Quarter.

433. Staff Personnel Problems.

Three hours a week. Credit: three quarter hours.

This course includes a discussion of such topics as: teacher supply and demand; recruiting and selecting teachers; in-service preparation of teachers; certification of teachers; introducing the new teacher to her work; married teachers; evaluating teacher effectiveness; teacher load; teachers' salaries; teacher turn-over; tenure; professional organizations; the health and recreation of teachers; professional ethics; the legal and social status of teachers. Either 433 or 434 will be offered Spring Quarter.

434. Home-school-community Relations.

Three hours a week. Credit: three quarter hours.

Such topics as the following will be considered: the need for home-school-community relations; growth of community interest in public education; influence of the community on public education; propaganda; financial support of public schools; school publicity; community organizations and the schools; problems and policies in public relations; suggested procedures in building a constructive program.

482. Problems in School Administration.

Three hours a week. Credit: three quarter hours.

This course is designed for majors in administration with administrative experience. Each member of the class will be expected to do research on a problem in administration and to present the results of this research to the class.

BUSINESS EDUCATION

MR. BROWNING

MISS DEMPSEY

MISS ELLIS

322G.a.b.c. Accounting Apprenticeship.**330G. Federal Tax Accounting.****340G. Cost Accounting.****334G. Auditing. (Formerly B. E. 405)****400a.b.c. Seminar.**

Three hours a week for three quarters. Credit: six quarter hours.

Credited as Education 400 a. b. c.

Prerequisite: Graduate standing.

401. Problems in Business Education.

Three hours a week. Credit: three quarter hours.

A course designed for business teachers who wish to make special investigations of certain phases of business education. Topics for study include curriculum making, administration of business departments, and the equipment of a department. Prerequisite: Graduate standing.

410. Current Trends in Business.

Three hours a week. Credit: three quarter hours.

Emphasis is placed upon recent developments in the field of business and in the field of business education.

Prerequisite: Graduate standing.

412. C. P. A. Problems—Accounting Theory and Practice.

Three hours a week. Credit: three quarter hours.

An extensive study of accounting problems that have been used in C. P. A. examinations by the American Institute of Accountants.

Prerequisite: 9 hours of college accounting.

413. C. P. A. Problems—Auditing.

Three hours a week. Credit: three quarter hours.

An intensive study of auditing problems that have been used in C. P. A. examinations by the American Institute of Accountants.

414. C. P. A. Problems—Commercial Law.

Three hours a week. Credit: three quarter hours.

An intensive study of legal problems that have been used in C. P. A. examinations by the American Institute of Accountants.

Prerequisite: 9 hours of college accounting and 6 hours of college business law.

415. Advanced Business Law.

Three hours a week. Credit: three quarter hours.

The law of negotiable instruments is emphasized in this course.

Prerequisite: Graduate standing.

416. Advanced Business Law.

Three hours a week. Credit: three quarter hours.

The law of contracts is emphasized in this course.

Prerequisite: Graduate standing.

417. Advanced Business Law.

Three hours a week. Credit: three quarter hours.

This is a course covering business law problems. The student will develop a research investigation of one of the following legal situations: law and its administration, sale of personal property, employer-employee, insurer-insured, business organizations, real property, and torts and business crimes.

Prerequisite: Graduate standing.

420. Skill Building in Typewriting.

Three hours a week. Credit: three quarter hours.

This course is concerned with the techniques of skill building at the typewriter. Emphasis is placed upon specific learning aids and the development of correct typing procedures.

Prerequisite: Graduate standing.

421. Skill Building in Gregg Shorthand.

Three hours a week. Credit: three quarter hours.

This course is concerned with the building of skill in Gregg Shorthand. Shortcuts in the skill building program are examined and tested.

Prerequisite: Graduate standing.

430. The Business Education Curriculum.

Three hours a week. Credit: three quarter hours.

This course deals with an interpretation of the modern philosophy of business education. The purpose of the course is to develop principles of curriculum building that harmonize with a workable philosophy of secondary education in a democracy.

440. Current Problems in Business.

Three hours a week. Credit: three quarter hours.

Required of all M.A. degree candidates other than business education majors. Not open to business education majors. This course deals in the areas of business principles and trends that should be of common knowledge to the layman. It does not present technical materials which require a background in specific business courses. It is primarily a research course and will require extensive investigation into the resource materials related to the topics selected by the student. Topics for investigation: contracts, negotiable instruments (insurance, property rights, employer and employee relationships, problems of business management, types of business organization, business and the consumer, business and taxation, and accounting for small businesses.

EDUCATION

MR. ADAMS

MR. HAYNES

MISS NEWELL

306G. Social Sciences in the Primary Grades.**307G. The Primary School.****330G. Educational Statistics.****400a.b.c. Seminar.**

Two hours a week. Three quarters. Credit: six quarter hours.

In this course each student, under the direction and guidance of his adviser, presents at least one problem or subject each quarter. These problems are to be discussed and each student is supposed to take the lead in the discussion of his problem. Problems are to be chosen from major fields. The study of the problem must show original research or original organization on the part of the student presenting it.

405. Investigation in the Teaching of Reading.

Three hours a week. Credit: three quarter hours.

The course consists of making an analytical study of researches that have been reported on the various phases of the teaching of reading. The child's difficulties in becoming familiar with the reading processes, the teaching difficulties in the subject, remedial work designed for the child's benefit, and a critical evaluation of the research studies with special reference to the psychological principles involved and the educational implications to be derived are given serious consideration in this course.

412. Improvement of Reading Instruction in the Primary Grades.

Three hours a week. Credit: three quarter hours.

This course is planned for teachers of experience. Individual teaching problems will be given consideration.

Topics: Factors conditioning children's success in reading; a study of the experiences of children which affect their reading interests; the utilization of these interests in the acquiring of desirable reading attitudes, habits, and skills; evaluation of methods of teaching reading, and materials characteristic of current practice. Demonstrations of the telebinocular and other mechanized reading aids are a part of this course.

There will be observations in the Training School.

416. Problems of the Primary Teacher.

Three hours a week. Credit: three quarter hours.

This is a problem course. It is planned for experienced teachers who wish to work on some specific problem or problems in their respective fields. Each student will have the opportunity to make an intensive study of his problem in its relation to the school program. There will be regularly scheduled observations in the Training School provided for the members of the class.

417a. Study of Some of the Major Problems of the Grammar Grades.

The student will distribute the working time each week as follows: A minimum of two hours observation in the Training School, two hours library work, two hours group conference a week, and three hours a week in conference with the instructor. Credit: three quarter hours.

The class divides into working committees with a chairman and a secretary. Each committee schedules its own time and place for meetings. Each student selects some major problem or problems with which he wants to work. A list of these problems is given to the teacher for evaluation before the student begins work on them.

Reports are to be presented both orally to the whole group, and to the teacher in writing with complete records of individual and group activities attached. The chairman of each group keeps a check on attendance for individuals in his group. Pre-observation conference with the critic teachers is necessary before observing in the room. The groups meet the critic teachers in conference following the observations.

417b. Study of Some of the Major Problems of the Grammar Grades.

Credit: three quarter hours.

This course is a continuation of Education 417a. New problems will constitute the content of this course. The student will distribute the working time each week as follows: A minimum of two hours observation in the Training School; two hours library work; two hours in group conference; and three hours each week in conference with the instructor.

417c. Study of Some of the Major Problems of the Grammar Grades.

Credit: three quarter hours.

This is a continuation of Education 417a and Education 417b. New problems will constitute the content of this course. The student will distribute the working time each week as follows: A minimum of two hours observation in Training School; two hours library work; two hours in group conference; and three hours each week in conference with the instructor.

420. Teaching Aids in Education.

Three hours a week. Credit: three quarter hours.

For teachers and administrators who wish to make use of objective teaching aids, including the school journey, slides, prints, and the motion picture. Available materials in these fields are surveyed and attention given to the problem of selection and integrated use in the school program.

Sources of supply for all materials and projection apparatus, and care of materials and equipment will be considered. A survey of literature in this field will be made.

422. History and Philosophy of Education.

Three hours a week. Credit: three quarter hours.

This course takes up the historical development of the principles and practices of education from the earliest times to the present. Education as an expression of the aims of life for the individual and social group is studied.

423. History and Philosophy of Education.

Three hours a week. Credit: three quarter hours.

This course is a continuation of Education 422.

426. Modern Trends in Secondary Education.

Three hours a week. Credit: three quarter hours.

The purpose of this course is to make an analytical study of the shifts and changes of emphasis current in the field of secondary education.

Trends as they are found (a) in current educational literature; (b) in changing emphasis observable in curriculum materials; and (c) in current beliefs as to the functions of the junior high school and the junior college. Special effort is directed to the philosophical antecedents of educational practice.

427. The Beginning and Development of Secondary Education in the United States.

Three hours a week. Credit: three quarter hours.

This course traces the transfer of the secondary school from its origin in Europe to the United States; its early beginnings as a private or semi-private institution here; its development into a tax-supported institution; and its rapid growth and development since 1900.

430. Educational Statistics.

Three hours a week. Credit: three quarter hours.

Designed for prospective principals and supervisors. Continuation of Administration and Supervision 330.

Topics: partial correlations, multiple correlations, linear regressions, use of normal probability curve to interpret data; weighing scores; comparing groups; tabulations, etc.

Prerequisite: Educational Statistics 330.

481. Educational Foundations.

Three hours a week. Credit: three quarter hours.

Topics: Art, Music, Ethics, Aesthetics, Philosophy, Etc.

ENGLISH

MISS TURNER

MISS GRIGSBY

MISS HOOPER

MISS PINGEL

MR. POSEY

314G. Modern Drama.

318Ga. Literature of the American Age of Reason.

318Gb. Literature of the American Renaissance.

319G. Modern Poetry.

326G. Romantic Poetry.

327G. Victorian Poetry.

400a.b.c. Seminar.

Three quarters. Two hours a week. Credit: six quarter hours. A study of bibliographical practice and method in connection with thesis writing. Round table discussions of finished products a necessary part of the work.

405. Current Problems in English.

Three hours a week. Credit: three quarter hours.

A critical study of those statistical investigations, laboratory experiments, and philosophical writings which record the status and point out the needs and the prospects in the teaching of English.

413. Studies in English Literature.

Three hours a week. Credit: three quarter hours.

Studies in English literature to 1750, selected by the instructor upon consultation with the students.

414. Studies in English Literature.

Three hours a week. Credit: three quarter hours.

Studies in English literature from 1750 to 1900, selected by the instructor upon consultation with the students.

415. Principles of Literary Criticism.

Three hours a week. Credit: three quarter hours.

A study of the theory and practice of critics, together with written criticisms of prose and poetry.

416. Principles and Types of Poetry.

Three hours a week. Credit: three quarter hours.

A study of versification and poetic types.

417. Principles and Practices in Advanced Composition.

Three hours a week. Credit: three quarter hours.

Prerequisites: English 1, 2, 3, and 213.

Daily themes, criticisms, editorials, book reviews, intimate essays, and related types.

418. Studies in American Literature.

Three hours a week. Credit: three quarter hours.

Studies in American literature selected by the instructor upon consultation with the students.

FOREIGN LANGUAGES

MR. FLEMING

MISS AUSTIN

FRENCH

321G. The Novel.

350G. Laboratory Seminar.

SPANISH

327G. Spanish Drama of the Golden Age.

328G. Spanish Prose of the Golden Age.

GEOGRAPHY

MR. PICKLESIMER MR. CUMMINGS MR. MARTIN

310G. Conservation of Natural Resources.

315G. Geography of Australia.

400a.b.c. Seminar.

Credited as Education 400 a.b.c.

Three quarters. Two hours a week. Credit six quarter hours.

A study of bibliographical practice and method in connection with thesis writing. Advice as to suitable subjects for original research papers and discussions of finished products are necessary phases of the course.

410. Geography of World Problems.

Three hours a week. Credit: three quarter hours.

A study of current international problems in the light of their environmental setting. Emphasis is placed upon the following topics: geography and the evolution of nations; the expansion of Europe; European influence in world affairs; the British Empire and its many problems; geography and conflicting interests of the war-torn nations of Europe and Asia and their effects upon the United States.

420. Geography of Latin America.

Three hours a week. Credit: three quarter hours.

This course has a threefold purpose: first, to establish a better understanding and appreciation of the regions, countries, and products of Latin America; second, to survey the conditions that have retarded or promoted its progress; and, third, to point out the reciprocal relations between these areas and the United States in defense of the Western Hemisphere.

430. Readings in Geography.

Three hours a week. Credit: three quarter hours.

This is a course of carefully supervised readings and discussions in several phases of geography, and is intended both to broaden and intensify the student's interest in the subject.

440. Climatology.

Three hours a week. Credit: three quarter hours.

The first part of the course is devoted to a rapid and intensive survey of climatic controls. This is followed by a study of the various climatic environments found in different parts of the world. The student will be directed in compiling, graphing, and mapping climatic data, and in interpreting the results.

450. Economic Geography of the South.

Three hours a week. Credit: three quarter hours.

A detailed study of the influences of geography on the development of the several regions of the American South. From the basis of physical complex, through economic products, are traced the lines of force that determine the life and labor of the contemporary South in Cotton Belt and Piney Woods, Delta and Southern Highlands, Industrial Piedmont and Texas Oil Fields, Sugar Bowl and Fishing Fringe, Rice Zone, and Florida subtropics.

460. Geography of the Orient.

Three hours a week. Credit: three quarter hours.

It is the purpose of this course to assist the student in understanding the geography of Eastern Asia in the light of the recent world conflict. The approach is through a study of race, political and social customs; regions and their commodities; and types of industry and commerce.

470. Problems in Regional Geography.

Three hours a week. Credit: three quarter hours.

The instruction in this course is largely centered about three phases of regional geography: first, the principles of regional delineation and interpretation; second, a careful study of a few types; and third, individual research on one or more regions, the number depending on the scope of the subject.

480. Problems in Economic Geography.

Three hours a week. Credit: three quarter hours.

Although emphasis is placed upon regional differentiation of economic life over the earth in a rather highly specialized manner, the approach is largely through a study of commodities and industries. Each student is expected to present a creditable paper on some commodity or industry, suitably illustrated with original maps, pictures, and appropriate graphs.

LIBRARY SCIENCE

MR. SMILEY

MISS WALKER

401-402. Reference and Bibliography.

Three hours a week for two quarters. Credit: six quarter hours.

The aims of these courses are to familiarize students with the principles of reference work and with the selection and use of basic bibliographic and reference books, public documents, periodicals and periodical indexes. Extensive practice is given in the selection of reference and bibliographic materials for school libraries.

431-432. Cataloging and Classification.

Three hours a week for two quarters. Credit: six quarter hours. The objectives of these courses are to teach students (1) to classify and assign subject headings to school library materials, (2) to write bibliographic data—e.g. author's names—in correct form, (3) to make and maintain a catalog and a shelf list, including the correct filing of cards in each, and (4) to order printed catalog cards. The work will be carried on through class discussion, projects and laboratory work.

MATHEMATICS

MR. SCOTT

MR. REYNOLDS

322G. a.b.c. Laboratory Apprenticeship Mathematics.**342G. Introduction to Statistics.****357G. Introduction to Modern Mathematics.****365G. Introduction to Number Theory.****400a.b.c. Seminar.**

Three quarters. Two hours a week. Credit: six quarter hours. Required of students writing theses in the field of the teaching of mathematics.

425, 426. Theory of Equations.

Fall and winter quarters. Three hours a week. Credit: three quarter hours each.

A study of complex numbers, roots, geometric construction, cubic and quartic equations, graphs, isolation of real roots, solution of numerical equations, determinants, and symmetric functions.

Prerequisite: Mathematics 213, 214, 215.

432, 433. Differential Equations.

Fall quarter. Three hours a week. Credit: three quarter hours.

A study of ordinary differential equations of the first and second orders, and their application to elementary mechanics, with emphasis on geometric interpretation and application.

Prerequisite: Mathematics 213, 214, and 215.

442. Advanced Calculus.

Spring quarter. Three hours a week. Credit: three quarter hours.

The study of the definite integral as a sum and its applications, partial derivatives, development in series, and multiple integrals.

Prerequisite: Mathematics 213, 214, and 215.

443. Solid Analytic Geometry.

Three hours a week. Credit: three quarter hours.

A study of co-ordinate geometry in space: the point, the line, the plane, surfaces of revolution, the quadric surfaces.

Prerequisite: Mathematics 213, 214, and 215.

455. Readings and Research in the Teaching of Arithmetic.

Fall quarter. Three hours a week. Credit: three quarter hours.

A study of the field of literature relating to the field of the teaching of arithmetic, with special emphasis on educational research in the teaching of arithmetic.

456. Readings and Research in the Teachings of Secondary Mathematics.

Winter quarter. Three hours a week. Credit: three quarter hours.

A study of educational literature relating to the field of the teaching of secondary mathematics with special emphasis on research in this field.

462. Problems in Mathematics Education.

Winter quarter. Three hours a week. Credit: three quarter hours.

A laboratory course designed for the study of problems in the field of mathematics education relative to specific schools or school systems in which the student is employed or otherwise vitally interested.

471. Modern Algebra.

Three hours a week. Credit: three quarter hours.

A course dealing with certain fundamental aspects of modern Algebra. Topics studied are groups, rings, fields, and matrices.

Prerequisite: Theory of Equations.

483. Higher Plane Curves.

Three hours a week. Credit: three quarter hours.

A study of the development of the equations of certain higher plane curves, together with a study of the nature and significance of these curves.

Prerequisite: Mathematic 213, 214, and 215.

PSYCHOLOGY

MR. ADAMS

MISS CHARLTON

MR. HAYNES

340G. Psychology of Adolescence.

350G. Psychology of Reading in the Elementary School.

401. Psychology of Childhood.

Three hours a week. Credit: three quarter hours.

Prerequisite: Psychology 103, or its equivalent.

Aim: To treat such topics as the original nature of the child, individual differences, discipline, brightness, dullness, and mental, social, and educational adjustment of the child.

A study of the investigations in this field will be conducted.

421. Social Psychology.

Three hours a week. Credit: three quarter hours.

Prerequisite: Six hours in Psychology, including 103.

In this course a study is made of the innate tendencies that are stimulated by other beings and their behavior. Also the organization of group attitudes, such as co-operation, opposition, etc., and group habits, customs, language, and imitation.

440. Applied Psychology.

Three hours a week. Credit: three quarter hours.

Prerequisite: Psy. 103 or some equivalent course in general psychology.

This is a non-technical study of some of the practices in the applications of psychological facts and principles that have been made and are being made in the various occupations and professions. These will include vocational guidance and personnel selection in business, industry, salesmanship, advertising, education, medicine, law; and the processes operative in the development of personal efficiency.

NATURAL SCIENCE

MR. REYNOLDS

MISS CAUGHEY

MR. DELOACH

MR. JONES

MISS WILTON

310G. Bacteriology.

325G. Animal Ecology.

330G. Heredity.

350G. Histology.

406. Embryology.

Winter quarter. Two lecture and four hours of laboratory a week. Credit: four quarter hours.

The early development of the vertebrates is studied, including the formation of the systems of organs. The development of some one vertebrate is studied in the laboratory. Slides showing this development are prepared by the students.

Prerequisite: Two years of college biology.

Laboratory fee, \$2.00.

408. Plant Anatomy and Morphology.

Winter quarter. Two lecture and four hours of laboratory work a week. Credit: four quarter hours.

A study of the origin and development of structures found in the vascular plants. A study of both prepared slides and fresh materials which the student will prepare in the laboratory.

Prerequisites: Biology 23, 24, 25 and Botany 130, 131 or their equivalent.

Laboratory fee, \$2.00.

450a.b.c. Special Problems in Biology.

Hours to be arranged. Credit: three quarter hours each.

Individual and group study and investigation of special problems in biology by graduate students possessing the necessary qualifications.

Prerequisites will vary somewhat with the problem selected.

CHEMISTRY**309G. Physiological Chemistry.****331, 332, 333G. Physical Chemistry.****PHYSICS****317G. Electricity.****PHYSICAL SCIENCE****400a.b.c. Problems in Science.**

Three hours a week. Credit: three quarter hours each.

This course is designed to provide the student with experience in the analysis and solution of problems in the areas of his major interests.

405a.b.c. Science for the Elementary School Teacher.

Three hours a week. Credit: three quarter hours.

A content course for teachers who wish to improve their background for teaching science in the elementary schools.

Topics selected for study will be based on the needs of the group.

Prerequisite: Graduate standing and consent of instructor.

410. Contemporary Science.

Fall, winter or spring quarter. Three hours a week. Credit: three quarter hours.

Lectures, readings, reports, and discussions concerning the development of scientific thought with emphasis on recent advances.

Prerequisite: Two years of college science.

420a.b.c. Investigations in Elementary Science.

Three hours a week. Credit: three quarter hours each.

A course designed to offer opportunities for special investigations in the field of elementary science.

455. Experimental Evaluations in Science.

Three hours a week. Credit: three quarter hours.

This course deals with the evaluation of science texts and reference material; classroom and laboratory equipment; and the coordination of the various sciences.

465. Current Problems in Science.

Three hours a week. Credit: three quarter hours.

This course deals with the current investigations in science; critical evaluations of techniques, materials, results, and conclusions.

475. Historical Development of School Science.

Three hours a week. Credit: three quarter hours.

This course traces the development of the study of science from its early stages to the present time. Special emphasis is placed upon the development of the present-day secondary school sciences.

480. Advanced Problems in the Physical Sciences.

Three hours a week. Credit: three quarter hours.

This course deals with the fusion of chemistry and physics as experienced in natural settings. Many demonstrations are included.

485. The Lives and Works of Great Men of Science.

Three hours a week. Credit: three quarter hours.

This course deals with the development of science as portrayed by the contributions of noted scientists. The private lives and environments of these individuals will be stressed.

SCIENCE EDUCATION**402. Modern Science.**

Three hours a week. Credit: three quarter hours.

This course deals with new discoveries and inventions in the field of science and their economic and cultural implications.

430. The Teaching of General Science in Secondary Schools.

Fall quarter. Three hours a week. Credit: three quarter hours.

This course deals with content, methods, laboratory work, equipment, textbooks, tests, and reference readings of the introductory course in high school science. Attention will be given to the special studies made in the field of general science.

440. Teaching of the Biological Sciences in Secondary Schools.

Fall quarter. Three hours a week. Credit: three quarter hours. This course deals with content, methods, laboratory work, equipment, textbooks, tests, and reference readings of the high school course in biology. Attention is given to the special studies made in the field of the high school biological studies.

SOCIAL STUDIES

MR. FRANK MR. BREWSTER MR. MARSHALL MR. MURRAY

GOVERNMENT

310G. International Relations.

402. The Growth of Constitutional Government.

Three hours a week. Credit: three quarter hours.

A study of the history and growth of constitutional development with emphasis upon the sources of the American Constitution.

Prerequisite: Graduate standing.

465. Principles of International Law.

Three hours a week. Credit: three quarter hours.

A survey of the development of International Law.

HISTORY

300G. The American Revolution and Counter-Revolution. —1769-1789.

310G. Growth of Sectionalism in the U. S., 1789-1860.

327G. The Revolutionary Period in Europe.

Three hours a week. Credit: three quarter hours.

Prerequisite: 25 hours of History or graduate standing and 18 hours of History.

329G. Russia and the Near East.

Three hours a week. Credit: three quarter hours.

A survey of the rise of Russia from feudal principality to great power, followed by a more detailed study of Russian imperialism and the Near Eastern question.

Prerequisite: Modern European History and a total of 18 hours of History.

330G. The Far East Since 1850.

Three hours a week. Credit: three quarter hours.

This is a survey course in the history of East Asia and the Pacific from the time of Commodore Perry to Pearl Harbor.

340G. Background for European Nationalism.

Three hours a week. Credit: three quarter hours.

Evolution of the idea of nationalism from its origin in the experience of ancient Hebrews to the national monarchies of the eighteenth century.

400a.b.c. Seminar.

Three hours a week for three quarters. Credit: six quarter hours.

Credited as Education 400 a. b. c.

401. Europe Since 1918.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

402. Diplomatic History of the United States to 1898.

Three hours a week. Credit: three quarter hours.

403. Diplomatic History of the United States since 1898.

Three hours a week. Credit: three quarter hours.

404. The Renaissance and the Reformation.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

405. History of North Carolina since 1860.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

407. The Civil War and Reconstruction.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

408. United States History since 1877.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

412. Formation of the Federal Union, 1781 to 1801.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

421. Cultural History of Medieval Europe.

Three hours a week. Credit: three quarter hours.

Prerequisite: Graduate standing and 18 hours of History.

425. Historiography.

Three hours a week. Credit: three quarter hours.

Prerequisite: History major.

440. The Evolution of European Nationalism since 1789.
Three hours a week. Credit: three quarter hours.
A study of the development of modern nationalism among the British, French, German, Italian, and Russian peoples.
Prerequisite: Graduate standing and 18 hours of History.
450. Colonial Social and Cultural History.
Three hours a week. Credit: three quarter hours.
Prerequisite: Graduate standing and 18 hours of History.
451. Social and Cultural History of the United States, 1787 to 1865.
Three hours a week. Credit: three quarter hours.
Prerequisite: Graduate standing and 18 hours of History.
452. Social and Cultural History of the U. S. since 1865.
Three hours a week. Credit: three quarter hours.
Prerequisite: Graduate standing and 18 hours of History.
460. The Expansion of Europe.
Three hours a week. Credit: three quarter hours.
The history of the spread of Europeans and European Civilization overseas and its consequences, 1415-1763.

FOR REFERENCE
Do Not Take From This Room



