

APRIL, 1926

NUMBER 233

THE UNIVERSITY OF NORTH CAROLINA RECORD

ANNOUNCEMENT OF THE
SUMMER SCHOOL



First Term: June 11-July 20

Second Term: July 21-August 28

1926

THE UNIVERSITY OF NORTH CAROLINA PRESS
CHAPEL HILL, N. C.

CALENDAR

Detailed announcements of lectures, conferences, and entertainments will be issued weekly while the Summer School is in session.

First Term

- June 11-12, *Friday and Saturday*—Registration days.
 June 14, *Monday*—Instruction begins in all departments at 8:00 a.m.
 June 15, *Tuesday*—General Meeting of Summer School Faculty and Students at 8:30 p.m. Public exercises in Memorial Hall.
 June 17, *Thursday*—Reception to students, Bynum Gymnasium, 8:30 p.m.
 June 19, *Saturday*—Regular classes. General meeting of the Graduate School, 8:00 p.m.
 June 26, *Saturday*—Regular classes.
 July 17, *Saturday*—Regular classes.
 July 17, *Saturday*—Class Instruction for First Term ends at 6 p.m.
 July 19-20, *Monday and Tuesday*—Examinations.

Second Term

- July 21, *Wednesday*—Registration of new students.
 July 22, *Thursday*—Instruction begins in all departments at 8:00 a.m.
 July 24, *Saturday*—Regular classes.
 July 31, *Saturday*—Regular classes.
 Aug. 14, *Saturday*—Master's theses may not be submitted after this date.
 Aug. 21, *Saturday*—Regular classes. Last day for written examinations for the Master's degree.
 Aug. 26, *Thursday*—Class Instruction ends at 6:00 p.m.
 Aug. 27-28, *Friday and Saturday*—Examinations.

JUNE						
S	M	T	W	T	F	S
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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

JULY						
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11	12	13	14	15	16	17
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25	26	27	28	29	30	31

AUGUST						
S	M	T	W	T	F	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

TABLE OF CONTENTS

	PAGE
Calendar	2
Important Suggestions	5
Officers of Administration	6
Other Officials	7
Chaperons in Charge of Dormitories.....	7
Staff of Instruction	8
PART I	
GENERAL INFORMATION	14
PART II	
DEPARTMENTS OF INSTRUCTION (College and Graduate Courses).....	31
Art History	31
Biology	32
Botany	32
Chemistry	32
Commerce	35
Economics	34
Education	36
English	41
French	53
Geology	43
German	44
Greek	45
History and Government	45
Latin	47
Library Science	48
Mathematics	48
Music	50
Physics	52
Psychology	52
Romance Languages	53
Rural Social Economics	55
Sociology	56
Spanish	54
Zoology	57
PART III	
NORMAL SCHOOL DIVISION (Normal School Courses).....	58
Drawing (See under School Arts)	68
Education	60
English	63
Geography	64
History	65
Music	66
Physical Education	66
Psychology	67
Science	67
School Arts	68
Sociology	68
Writing	69
State Curricula	70
PART IV	
SPECIAL FEATURES	77



IMPORTANT SUGGESTIONS

1. Have your room reserved in advance.
2. Urge your room-mate to make reservation promptly; otherwise the management will have to assign someone to the room with you.
3. Before leaving home mark your trunk plainly, putting your own name on it and the name of the dormitory to which you have been assigned, and have it checked to Chapel Hill, N. C. If you make your reservation for the first term before June 1st, or for the second term before July 15, a printed card giving your Chapel Hill address (room number and name of dormitory) and a baggage check will be sent to you. This card attached to your trunk or baggage will insure its prompt delivery, provided you DELIVER THE CHECK TO THE UNIVERSITY SUMMER SCHOOL'S OFFICIAL REPRESENTATIVE AT UNIVERSITY STATION.
4. Be sure to provide yourself with the necessary articles which you are expected to bring; bed linen, pillows, towels, etc.
5. If convenient for you to do so, confer with your superintendent or principal and get his advice as to the courses you should pursue in the Summer School.
6. Do not plan too much. Fifteen hours of class work a week is a reasonable amount to attempt. An extra charge of \$5.00 is made for each course beyond this amount taken in the College Division, but this requirement does not apply in the Normal School Division.
7. Decide before coming that you will stay the full term. No credit will be given for a shorter period than a term. Those who possibly can remain for both terms will find it greatly to their advantage to do so, since double credit may be earned toward meeting the requirements for the University's degrees or for State certification.
8. Be present for the first roll-call. The person who begins his work a day or two late is obliged to labor under a handicap. Work will start promptly as scheduled, and the pace will be brisk. Note also that an extra fee of \$2.00 is charged for late registration. (See page 28.)
9. If you wish to pursue in the Summer School courses counting for University credit, you should make application for such courses in advance. Registration for such courses for the first term will not be allowed after Thursday, June 17th, nor for the second term after Tuesday, July 27th.
10. Please note that certain courses will not be given unless applied for in advance.
11. Be sure to instruct your correspondents to put the name of the dormitory in which you room and your room number on any mail sent to you while in Chapel Hill. If this is done, it will insure prompt delivery; otherwise delivery will be delayed several hours.
12. If, after examining this bulletin carefully, there is further information you desire, address N. W. Walker, Director of the Summer School, Chapel Hill, N. C.

OFFICERS OF ADMINISTRATION

HARRY WOODBURN CHASE, Ph.D., LL.D., President of the University.

NATHAN WILSON WALKER, A.B., Ed.M., Director of the Summer School and Acting Dean of the School of Education.

THOMAS JAMES WILSON, JR., Ph.D., Registrar.

GEORGE KENNETH GRANT HENRY, Ph.D., Assistant Registrar.

CHARLES THOMAS WOOLLEN, Business Manager.

JULIUS ALGERNON WARREN, Treasurer and Bursar.

†JAMES FINCH ROYSTER, Ph.D., Acting Dean of the Graduate School.

ALMONTE CHARLES HOWELL, Ph.D., Assistant Dean of the Graduate School.

CLARENCE ADDISON HIBBARD, M.A., Acting Dean of the College of Liberal Arts.

NATHAN WILSON WALKER, A.B., Ed.M., Acting Dean of the School of Education.

ANDREW HENRY PATTERSON, M.A., Dean of the School of Applied Science.

DUDLEY DEWITT CARROLL, M.A., Dean of the School of Commerce.

*MERTON LEROY FERSON, Ph.B., LL.B., A.M., Dean of the Law School.

*GUSTAVE MAURICE BRAUNE, C.E., Dean of the School of Engineering.

HOWARD WASHINGTON ODUM, Ph.D., Director of the School of Public Welfare.

†FRANCIS BRADSHAW, A.B., Dean of Students and Chairman of the Committee on Social Activities.

CLARENCE ADDISON HIBBARD, M.A., Acting Dean of Students.

HARRY FULCHER COMER, B.S., General Secretary Y. W.-M. C. A., and Acting Chairman of the Committee on Social Activities.

* The summer sessions of the School of Law and the School of Engineering are operated independently of the Summer School. A student desiring information about either of these schools should communicate directly with the Dean of the school in which he is interested.

† On leave Summer of 1926.

MRS. A. C. PICKARD, Secretary to the Director of the Summer School.

ARNOLD KIMSEY KING, A.B. in Education, Assistant to the Director.

MRS. M. H. STACY, Adviser to Women.

OTHER OFFICIALS

The Library: Louis Round Wilson, Ph.D., Librarian; Charles Melville Baker, A.M., B.L.S., Assistant Librarian; Miss Alma Jamison in charge of the School of Education Library.

The Infirmary: Eric Alonzo Abernethy, S.B., M.D., Physician; Edna Gray Womack, R.N., Head Nurse; Miss Annabelle Miller, R.N., Assistant Nurse.

The Gymnasium: Robert Baker Lawson, M.D., Director.

Y. M.-W. Christian Association: Harry Fulcher Comer, B.S., General Secretary; Elizabeth Cowan, Assistant Secretary.

Teachers' Bureau: Isaac Cebern Griffin, Secretary; Lillian Long, Assistant Secretary.

Normal School Division: Isaac Cebern Griffin, Director of Administration; Miss Elsa Beust, M.A., Supervisor of Instruction.

Demonstration School: Lonnie Ray Sides, A.M., Superintendent of the Physical Plant; Miss Elsa Beust, M.A., Supervisor Elementary Instruction.

Social Activities: Harry Fulcher Comer, B.S., Chairman of Committee.

Buildings and Grounds: A. A. Pickard, Superintendent of Grounds; P. L. Burch, Superintendent of Buildings.

Chaperons in Charge of Dormitories

MRS. R. L. HOKE, "F" Dormitory.

MRS. J. J. ROGERS, Old West Dormitory.

MRS. E. J. COLTRANE, Ruffin Dormitory.

MRS. J. E. McLEAN, Steele Dormitory.

MRS. F. M. TUCKER, "J" Dormitory.

MRS. J. W. HUMPHREYS, Grimes Dormitory.

MRS. C. U. WILLIAMS, "G" Dormitory.

MRS. M. A. HONEYCUTT, Manly Dormitory.

MRS. S. G. HAWFIELD, Mangum Dormitory.

MRS. HARVEY BONEY, Old East Dormitory.

MRS. A. R. WILSON, Carr Building.

STAFF OF INSTRUCTION

College Division—Members of University's Regular Staff

NICHOLSON BARNEY ADAMS, Ph.D.,.....	SPANISH
Assistant Professor of Spanish	(First Term)
RAYMOND WILLIAM ADAMS, M.A.,.....	ENGLISH
Instructor in English	(First Term)
JOHN CALLAHAN BAGWELL, B.S.,.....	PSYCHOLOGY
Teaching Fellow in Psychology	(Second Term)
CHARLES MELVILLE BAKER, M.A., B.L.S.,.....	LIBRARY SCIENCE
Associate Professor of Library Administration and Assistant Librarian	(First Term)
JAMES MUNSIE BELL, Ph.D.,.....	CHEMISTRY
Smith Professor of Chemistry	(First Term)
WILLIAM STANLY BERNARD, A.M.,.....	GREEK
Professor of Greek	(First Term)
JOHN MANNING BOOKER, Ph.D.,.....	ENGLISH
Professor of English	(First Term)
EUGENE CUNNINGHAM BRANSON, Litt.D.,....	RURAL SOCIAL ECONOMICS
Kenan Professor of Rural Social Economics	(First Term)
LEE M. BROOKS, A.B.,.....	SOCIOLOGY
Research Assistant in Social Science	(First Term)
WALLACE EDWARD CALDWELL, Ph.D.,.....	HISTORY
Associate Professor of History	(Second Term)
DUDLEY DEWITT CARROLL, A.M.,.....	ECONOMICS
Professor of Economics and Dean of the School of Commerce	(First Term)
COLLIER COBB, A.M., D.Sc.,.....	GEOLOGY
Professor of Geology	(First Term)
ROBERT DIGGS WIMBERLEY CONNOR, Ph.B.,.....	HISTORY
Kenan Professor of History and Government	(First Term)
HARRY WOLVEN CRANE, Ph.D.,.....	PSYCHOLOGY
Professor of Psychology	(First Term)
HORACE DOWNS CROCKFORD, S.M.,.....	CHEMISTRY
Instructor in Chemistry	(Both Terms)
JOHN FENTON DAUGHERTY, A.M.,.....	PHYSICS
Instructor in Physics	(Second Term)
JAMES TALMADGE DOBBINS, Ph.D.,.....	CHEMISTRY
Associate Professor of Chemistry	(First Term)
FLOYD HARRIS EDMISTER, Ph.D.,.....	CHEMISTRY
Associate Professor of Chemistry	(First Term)
PROBIEN LEE ELMORE, A.B.,.....	ENGLISH
Assistant in English	(Second Term)
JOSEPH GREGOIRE DEROULHAC HAMILTON, Ph.D.,.....	HISTORY
Kenan Professor of History and Government	(Second Term)
WILLIAM OSCAR HAMPTON, B.S. in Education,.....	EDUCATION
Teaching Fellow in Education, 1924-'25	(Second Term)
FRANK JOHN HARONIAN, M.A.,.....	FRENCH
Instructor in French	(First Term)
GUSTAVE ADOLPHUS HARRER, Ph.D.,.....	LATIN
Professor of Latin	(First Term)
CHARLES ROBERT HARRIS, M.S.,.....	CHEMISTRY
Instructor in Chemistry	(Second Term)
ARCHIBALD HENDERSON, Ph.D., D.C.L., LL.D.,.....	MATHEMATICS
Kenan Professor of Mathematics	(First Term)

ADDISON CLARENCE HIBBARD, M.A.,.....	ENGLISH
Associate Professor of English and Acting Dean of the College of Liberal Arts	(Second Term)
ALLAN WILSON HOBBS, Ph.D.,.....	MATHEMATICS
Professor of Applied Mathematics	(Second Term)
SAMUEL HUNTINGTON HOBBS, JR., M.A.,....	RURAL SOCIAL ECONOMICS
Associate Professor of Rural Social Economics	(Both Terms)
URBAN TIGNER HOLMES, Ph.D.,.....	FRENCH
Associate Professor of Romance Languages	(Both Terms)
GEORGE HOWE, Ph.D.,.....	LATIN
Professor of Latin	(First Term)
ALMONTE CHARLES HOWELL, Ph.D.,.....	ENGLISH
Associate Professor of English	(First Term)
HOWARD RUSSELL HUSE, Ph.B.,.....	FRENCH
Associate Professor of Romance Languages	(Second Term)
EARL DEWITT JENNINGS, S.M.,.....	CHEMISTRY
Instructor in Chemistry	(First Term)
A. THEODORE JOHNSON, Ph.D.,.....	ENGLISH
Instructor in English	(Second Term)
ARTHUR MELVILLE JORDAN, Ph.D.,.....	EDUCATION
Professor of Educational Psychology	(Both Terms)
ARNOLD KIMSEY KING, A.B. in Ed.,.....	EDUCATION
Instructor in Education	(Both Terms)
EDGAR WALLACE KNIGHT, Ph.D.,.....	EDUCATION
Professor of Rural Education	(First Term)
JOHN WAYNE LASLEY, Ph.D.,.....	MATHEMATICS
Professor of Pure Mathematics	(First Term)
HENRY DEXTER LEARNED, Ph.D.,.....	FRENCH
Associate Professor of French	(First Term)
STURGIS ELLENO LEAVITT, Ph.D.,.....	SPANISH
Professor of Spanish	(First Term)
JOE BURTON LINKER, Ph.D.,.....	MATHEMATICS
Assistant Professor of Mathematics	(Second Term)
ERNEST LLOYD MACKIE, A.M.,.....	MATHEMATICS
Assistant Professor of Mathematics	(First Term)
WILLIAM DOUGALD MACMILLAN, III, Ph.D.,.....	ENGLISH
Assistant Professor of English	(First Term)
THOMAS SMITH McCORKLE, B.M.,.....	MUSIC
Instructor in Music	(First Term)
WALTER JEFFRIES MATHERLY, M.A.,.....	ECONOMICS
Professor of Business Administration	(Second Term)
ERNST CHRISTIAN METZENTHIN, Ph.D.,.....	GERMAN
Assistant Professor of German	(First Term)
HAROLD DIEDRICH MEYER, A.M.,.....	SOCIOLOGY
Associate Professor of Sociology	(Both Terms)
ROY WILLIAMSON MORRISON, A.B.,.....	EDUCATION
Teaching Fellow in Education, 1925-'26	(First Term)
ESEK RAY MOSHER, Ed.M., Ed.D.,.....	EDUCATION
Professor of Education	(First Term)
CLAUDIUS TEMPLE MURCHISON, Ph.D.,.....	ECONOMICS
Professor of Economics	(Both Terms)
ALBERT RAY NEWSOME, M.A.,.....	HISTORY
Assistant Professor of History	(First Term)
HOWARD WASHINGTON ODUM, Ph.D.,.....	SOCIOLOGY
Kenan Professor of Sociology	(Both Terms)
GREGORY LANSING PAINE, Ph.D.,.....	ENGLISH
Assistant Professor of English	(Second Term)

ANDREW HENRY PATTERSON, A.M.,	PHYSICS
Professor of Physics	(First Term)
EARLE EWART PEACOCK, M.B.A.,	ECONOMICS
Professor of Accounting	(Both Terms)
WILLIAM WHATLEY PIERSON, Ph.D.,	HISTORY
Professor of History and Government	(First Term)
EARLE KEITH PLYLER, Ph.D.,	PHYSICS
Assistant Professor of Physics	(Second Term)
ROBERT RUSSELL POTTER, A.M.,	ENGLISH
Instructor in English	(First Term)
WILLIAM FREDERICK PROUTY, Ph.D.,	GEOLOGY
Professor of Stratigraphic Geology	(First Term)
WILLIAM WHITE ROGERS, M.A.,	PSYCHOLOGY
Instructor in Psychology	(Both Terms)
SHIPP GILLESPIE SANDERS, M.A.,	LATIN
Assistant Professor of Latin	(Second term)
CORYDON PERRY SPRUILL, B.Litt., (Oxon)	ECONOMICS
Assistant Professor of Economics	(First Term)
BENJAMIN ALONZO STEVENS, A.M.,	EDUCATION
Assistant Professor of Education	(First Term)
OTTO STUHLMAN, JR., Ph.D.,	PHYSICS
Professor of Physics	(Second Term)
JOEL HOWARD SWARTZ, Ph.D.,	GEOLOGY
Assistant Professor of Geology	(Second Term)
ELIZABETH HARDY THOMPSON, A.B., B.L.S.,	LIBRARY SCIENCE
Head of Cataloguing Department	(First Term)
HENRY ROLAND TOTTEN, Ph.D.,	BOTANY
Associate Professor of Botany	(First Term)
WALTER DALLAM TOY, M.A.,	GERMAN
Professor of the Germanic Languages and Literatures	(First Term)
STANLEY PORTER TRUSSELLE,	MUSIC
Instructor in Music	(First Term)
FRANK CARL VILBRANDT, Ph.D.,	CHEMISTRY
Associate Professor of Industrial Chemistry	(Second Term)
HENRY MCGILBERT WAGSTAFF, Ph.D.,	HISTORY
Professor of History	(First Term)
PAUL JOHN WEAVER, B.A.,	MUSIC
Director of Music	(First Term)
LOUIS BOOKER WRIGHT, A.M.,	ENGLISH
Instructor in English	(Second Term)
THOMAS EWELL WRIGHT, A.B.,	FRENCH
Instructor in French	(Second Term)
ERIC WALTER ZIMMERMAN, Ph.D.,	ECONOMICS
Professor of Commerce and Resources	(First Term)

College Division—Instructors from Other Institutions

CHARLES DALE BEERS, Ph.D.,	ZOOLOGY
Instructor in Biology, Yale University	(First Term)
New Haven, Conn.	
DAVID H. BRIGGS, A.M.,	EDUCATION
Superintendent of Schools	(First Term)
Hillsboro, N. C.	
FRANK WILLIAM CADY, B.Litt., (Oxon)	ENGLISH
Professor of English,	(First Term)
Middlebury College, Vermont	
ELMER H. GARINGER, A.M.,	EDUCATION
Principal, Central High School	(Both Terms)
Charlotte, N. C.	

CLEMENT TYSON GOODE, Ph.D.,	ENGLISH
Professor of English, University of Richmond Richmond, Va.	(First Term)
FRAZER HOOD, Ph.D.,	EDUCATION
Professor of Psychology and Education Davidson College, Davidson, N. C.	(Second Term)
HAZEL GERTRUDE KINSCHELLA,	MUSIC
Professor of Music University of Nebraska	(First Term)
MARCUS CICERO STEPHENS NOBLE, JR., Ed.M., Ed.D.,	EDUCATION
Professor of Education, Davidson College Davidson, N. C.	(Both Terms)
M. S. ROBERTSON, Ph.D.,	EDUCATION
Assistant State Supervisor of Elementary Schools Louisiana State Department of Education Baton Rouge, Louisiana	(Second Term)
CHARLES TROXELLE,	MUSIC
Voice Teacher Greensboro, N. C.	(First Term)
CHARLES G. VARDELL, JR., B.A.,	MUSIC
Head Piano Department, Salem College Winston-Salem, N. C.	(First Term)
HENRY SKINNER WEST, Ph.D.,	EDUCATION
Former Superintendent of City Schools Baltimore, Md., 1920-1925	(Both Terms)

Normal School Division—Instructors

MARY RALEIGH ANDERSON, A.B., M.A.,	PRIMARY EDUCATION
Student, Teachers College Columbia University	(Both Terms)
MATTE-CONN BALDON,	WRITING
Field Supervisor Zaner-Bloser Company	(Second Term)
MINNA McLEOD BECK, B.S., M.A.,	ART
Director of Art, Harrisburg Schools Harrisburg, Pennsylvania	(First Term)
ALICE MARIE BRENNAN, B.S., M.A.,	ELEMENTARY EDUCATION
Teacher, S. S., Horace Mann School New York City	(Both Terms)
ELSA BEUST, B.S., M.A.,	SUPERVISOR OF INSTRUCTION
In Charge of Elementary Education University of North Carolina	(Both Terms)
CORDELIA CAMP, A.B., M.A.,	ELEMENTARY EDUCATION
Rural School Supervisor Burke County, N. C.	(First Term)
MARY VANCE CARNEY, M.A.,	GRAMMAR GRADE HISTORY
Teacher of History, Central High School St. Paul, Minn.	(Second Term)
LEILA COBB, B.S.,	EDUCATION
Instructor, State Normal School Towson, Md.	(Second Term)
LOUELLA RUTH COBLE, A.B., M.A.,	PHYSICAL EDUCATION
Director of Physical Education, Public Schools Roanoke Rapids, N. C.	(Both Terms)
MAYBELLE COLEMAN, A.B., M.A.,	HISTORY
Student, Columbia University	(First Term)
NENA DEBERRY	ELEMENTARY EDUCATION
Supervisor Salisbury Schools	(First Term)
KATHRYN ELLA DORSETT, A.B.,	DEMONSTRATION SCHOOL
Teacher, Junior High School Durham, N. C.	

LOIS EDWARDS,	.....	DEMONSTRATION SCHOOL
Teacher, Hendersonville Public Schools		(First Term)
VERNA BELLE FLANDERS, B.S.,	.....	GEOGRAPHY
Teacher, Lincoln School, Teachers College		(Both Terms)
Columbia University		
ISAAC CEBERN GRIFFIN,	.....	SUPERVISOR
Superintendent of Schools		(Both Terms)
Shelby, N. C.		
MATTIE LOUISE HATCHER, Ph.B., M.A.,	.....	PRIMARY EDUCATION
Head of Elementary Education		(Second Term)
Western Kentucky State Normal College		
Bowling Green, Ky.		
ELLA M. HAYES,	.....	MUSIC
Supervisor of Music, Public Schools		(First Term)
Newport News, Va.		
LUCILE ANNETTE HEATH,	.....	DEMONSTRATION SCHOOL
Training Teacher, Maryland State Normal School		
Towson, Maryland		
RUTH HELIG, A.B.,	.....	DEMONSTRATION SCHOOL
Teacher, Salisbury Public Schools		(First Term)
MARY HUFHAM, M.A.,	.....	ENGLISH
Head of the Department of English		(Both Terms)
The Bennett School		
Millbrook, New York		
AVAH WILLYN HUGHES, B.S., M.A.,	.....	PRIMARY EDUCATION
Teacher, City and Country School		(First Term)
New York City		
LILY NELSON JONES,	.....	WRITING
Supervisor of Writing, Durham City Schools		(First Term)
Durham, N. C.		
MARGARET JANE KETCHIN, A.B.,	.....	ENGLISH
Assistant in English Department		(Second Term)
Winthrop College, Rock Hill, S. C.		
MRS. RUTH CREWDSON LARSON, B.S., A.B., M.A.,	.....	PRIMARY EDUCATION
Student, Teachers College		(Both Terms)
Columbia University		
GUY BERRYMAN PHILLIPS, A.B.,	.....	EDUCATION
Superintendent of City Schools		(First Term)
Salisbury, N. C.		
ELIZABETH PRATT,	.....	MUSIC
Supervisor of Music, Junior High Schools		(First Term)
St. Louis, Mo.		
NELLY REUSCHEL,	.....	MUSIC
Instructor, Institute of Musical Art		(First Term)
New York City		
HELEN PORTER SMITH, A.B., M.A.,	.....	ENGLISH
Assistant Professor of English		(First Term)
Converse College, Spartanburg, S. C.		
BESSIE HOWARD SUMMERELL, A.B., M.A.,	.....	ENGLISH
Professor of German and French		(Second Term)
Converse College, Spartanburg, S. C.		
CHARLOTTE ANN VAUGHAN, B.S.,	.....	ELEMENTARY EDUCATION
Teacher in Training School		(Second Term)
State Normal School, Towson, Md.		
MABEL H. WELLS, B.S.,	.....	ART
Instructor in Art, Junior High School		(Both Terms)
New Brunswick, N. J.		
ONA RUTH WHITLEY, A.B.,	.....	SCIENCE
Science Teacher, Chapel Hill High School		(First Term)
Chapel Hill, N. C.		
ALICE VIRGINIA WILSON, B.S.,	.....	SCIENCE
Head of the Department of Biology		(First Term)
East Carolina Teachers College, Greenville, N. C.		

Historical Note

The old "Summer Normal" at the University was a pioneer in the summer school field. It was established in 1877 by Dr. Kemp P. Battle, and it seems to have been the first of its kind in America. It ran for eight years, and enrolled 2,480 teachers and students. It suspended in 1884.

Revived in 1894, the Summer School ran eleven years during its second period of usefulness, until 1904, when it was again suspended. During this period 1,541 teachers and students were enrolled.

It was revived again in 1907. It has continued to grow and prosper ever since, despite the World War, and notwithstanding the fact that several other summer schools have been organized in other parts of the State. In 1925, 1,384 students were enrolled in the first term, and 717 in the second term.

PART I—GENERAL INFORMATION

The Summer Session: June 11-August 28

The Summer School will open on Friday, June 11, and continue for twelve weeks, closing on Saturday, August 28. The session will be divided into two terms of six weeks each. The first term will begin on Friday, June 11, and close on Tuesday, July 20. The second term will begin on Wednesday, July 21, and close on Saturday, August 28.

Registration

The regular time for registration for the first term will be Friday and Saturday, June 11th and 12th. All students of the Summer School should try to be present and register on those days, as the regular class work will begin promptly at 8:00 on Monday morning, June 14th. There are certain preliminary arrangements to be made in the way of arranging courses, securing board and lodging, getting the necessary books, etc., all of which should be attended to, if possible, before class work begins. To be on hand promptly so as to begin with the regular class is far more satisfactory than to come in a day or two late.

Students expecting to receive credit for courses taken in the first term will not be permitted to register after Thursday, June 17.

Students expecting to receive credit for courses taken in the second term will not be permitted to register after Tuesday, July 27.

Those Who May Be Admitted

Registration in the Summer School will be limited to those applicants who can qualify for admission under one of the following provisions:

1. *Those who can satisfy the University's requirements for admission as given in the annual catalog.* The entrance requirements for admission to the University are fifteen units secured by graduation from a standard four-year secondary school on the University's accredited list. In order to be accepted as a candidate for a degree the student must meet the specific requirements laid down by the school or college in which the degree is conferred.

2. *Teachers holding regular state certificates.*

3. *Applicants for state certificates who have graduated from schools accredited by the State Department of Education.*

4. *Special students who are neither candidates for degrees nor applicants for state teachers' certificates may be admitted under the University's general regulations covering such cases.*

For Whom Courses Are Planned

Professional and Cultural Courses are planned for :

1. Teachers of Primary Grades.

2. Teachers of Grammar Grades.

3. High School Teachers and Principals.

4. Teachers of Special Subjects.

5. County and City Superintendents and Supervisors.

6. College and University students who desire to earn extra credit toward their degrees.

7. Graduate students, teachers and others wishing to pursue Professional and Cultural Courses leading to advanced degrees.

8. Librarians.

Divisions of the Summer School

The Summer School is organized into three general divisions, as follows :

The College Division

The Graduate Division

The Normal School Division

In the College Division falls all the undergraduate work offered in the following schools :

The College of Liberal Arts

The School of Education

The School of Commerce

The School of Applied Science

The School of Public Welfare

In the Graduate Division, or the Graduate School, fall all the courses carrying strictly graduate credit as well as courses for ad-

vanced undergraduates when such courses are elected by graduate students for credit toward the higher degrees, by whatever department or in whatever school they are given.

In the Normal School Division fall the courses designed especially for elementary teachers in accordance with the regulations of the State Department of Education.

The courses offered in the College and Graduate Divisions (See Part II) are given by the regular departments of the University and carry credit toward the several degrees under the same regulations as in the regular college year.

The Normal School Division (See Part III) is operated under the direction of the School of Education. The courses offered in this Division are designed and conducted in accordance with the teacher-training curricula of the State Department of Education.

Professional Courses for Teachers

For a list of College courses offered in the Department of Education, see under Education, Part II of this bulletin.

For a list of the courses carrying Normal School credit only, see Part III of this bulletin.

Summer School Credits

In order to understand the credit allowances for work accomplished in the Summer School, and the total amount of credit that may be earned in one term or both, it is necessary to bear in mind the specific ends for which credit is sought or may be granted. It is further necessary to keep clearly in mind the University's technical meaning of the word *course* as distinguished from the popular meaning of the word, as, for example, "summer school *course*", meaning simply any subject pursued for six weeks. It is important, therefore, that the following definitions and distinctions concerning credits in the College and Graduate Divisions* be borne in mind:

The University expresses its degree requirements, and consequently its credits toward graduation, in terms of *courses* and not in terms of *semester hours* as is the more common practice among colleges and state departments of education. The regular college

* One course equals 3 1-3 semester hours. Thirty-six courses are required for the bachelor's degree. One-half course is equal to two semester hours.

year is divided into three quarters and not two semesters as is the case in most institutions. The two terms of the Summer School together constitute a fourth or extra quarter. A course pursued through a quarter, classes meeting five times a week, carries a credit of one *course*. Thirty-six *courses* are required for graduation. These thirty-six courses are equal to from 120 to 132 semester hours. The University's course, therefore, is equal to from $3\frac{1}{3}$ to 4 semester hours. The Summer School course meeting five times a week for six weeks carries a credit of $\frac{1}{2}$ *course*, or a credit of two *semester hours*. A Summer School course meeting ten times a week for six weeks carries a credit of one *course* or four semester hours. A summer school course meeting five times a week through both terms carries a credit of one course.

Three *courses* constitute the student's normal load of work for the regular quarter and for the two terms of the Summer School. (Students in the graduate division are limited strictly to this amount of credit per quarter.) The undergraduate student may, if the Dean of the School in which he is registered approves, carry four courses and earn credit for four *courses*. Three half-courses (or one and one-half *courses*) constitute the student's usual load of work for one term of the Summer School. A student may, however, if his Dean approves, carry four half-courses (that is, four summer school courses) in one term. The total amount of credit that may be earned in the Summer School is six or eight semester hours.

Standard of Work

The standard of work in courses given for University credit will be in all respects that of the corresponding courses as given during the regular session, as these courses are an integral part of the work of the University. It is the hope of the University that, by giving such courses, increased service may be rendered to the growing body of teachers in the State who have already completed college courses or done some work of college grade and who now desire while in service to improve themselves along both professional and cultural lines.

Courses of Freshman and Sophomore grade will not be credited as graduate work. Courses of Junior and Senior grade if marked C. or G. in the statement of courses below, (See Part II of this

announcement), may be given such credit as indicated in the regulations below. Definite information about the different credits that certain courses carry can be obtained at the time of registration.

Admission to Undergraduate Courses

Applicants for admission to courses of Freshman grade must satisfy the requirements for entrance as laid down in the University catalogue. These requirements comprise a total of 15 units selected from the subjects of English, foreign languages (ancient and modern), history, mathematics and science. For details the applicant is referred to the University catalogue.

Applicants for courses of advanced standing must furnish evidence of work of college grade completed at this or another institution. Such evidence must consist of the official statement from the institution where the work was done, showing definitely the courses pursued and the amount of credit recorded. Admission to specific courses will be determined in each case by the department on the basis of previous preparation. In some instances the training in a branch of study derived from experience in teaching it will be taken into account.

Application for admission to undergraduate courses should be sent in advance to the Director of the Summer School. This application should be accompanied by certificates of preparation, or official statements from other institutions that the applicant has attended, and a list of the courses the applicant desires to pursue. Blanks for this purpose will be furnished on request.

The Graduate School

The Summer School offers excellent opportunities for carrying on advanced work in many fields of learning. Graduates of standard colleges are admitted to the Graduate School during the summer term on precisely the same basis as in the regular sessions. Such students may become candidates for advanced degrees or may register as special students in such courses as they desire.

Students who may wish to pursue in the Summer School courses leading to the Master's degree should, if possible, bring with them when they register a transcript of their college credits. The candidate must have a reading knowledge of French and German in case the professor in charge of his major work regards this as

necessary for efficient work. In case he has not had sufficient training in certain departments to enable him to pursue strictly graduate courses, provision may be made in the Summer School for the making up of such deficiency.

No student will be allowed to carry during any one summer quarter, work which amounts to more than three courses toward the degree.

1. *Admission.* Holders of degrees from standard colleges are admitted without examination upon presentation of their credentials. It will save time at registration if these credentials are submitted in advance of the opening of the Summer School.

Admission to the Graduate School is not the same as admission to candidacy for a higher degree. For admission to candidacy for a degree a student must have been in residence in the Graduate School for one quarter or two summer terms. Action on each case is postponed until the student has progressed sufficiently to make possible the planning of his course. This does not imply any increase in the length of time necessary for the attainment of the degree. It means simply that the individual record of each student, undergraduate as well as graduate, is taken into account in determining what must be done in order to secure the degree.

2. *Regulations as to Courses.* While graduate students may register for any of the courses offered by the Summer School Faculty, no courses will count for credit towards an advanced degree unless they are classified as graduate courses in this Bulletin or in the Bulletin of the Graduate School. These courses must be selected in accordance with the rules for major and minor subjects set forth in the catalogue issue of the Graduate Bulletin. In general, this means that two-thirds of a candidate's work during his entire period of residence (three summers being the usual time required) must be from one department, the remaining one-third being from a closely allied minor department. These courses must be completed with distinction, by which is meant that at least half of the work offered by the candidate must be of grade B or better, and that no grade below C will count for graduate credit.

3. *Requirements for the Master's Degree.* For a detailed description of the requirements for the degrees of Master of Arts and Master of Science, the student is referred to the catalogue issue

of the *Graduate Bulletin*. These rules are the same in their application to Summer School students as in the case of students registered for the regular sessions. Teachers of experience whose credentials and work are satisfactory to the Administrative Board may complete the requirements for the master's degree in two and one-half summer quarters. Students may continue their studies during the year under the direction of the special committee in charge of their work, and may do part of the work required for their theses in this manner. In certain approved cases, also, a limited amount of credit may be transferred for work done in another University. Every such case is treated individually and must be approved by the Administrative Board, on recommendations of the Department of major study, at the time application is made for admission to candidacy for a higher degree. Students who are not admitted under these special conditions will find three full summer quarters necessary for the completion of the requirements for the Master's degree.

The thesis must be written in accordance with provision stated in the *Graduate Bulletin*. It may count not to exceed two courses. This thesis may be handed in, and the final oral and written examinations may be taken, at any time during the year. (See scheduled dates on the calendar.) The Master's degree is conferred at the end of the second term of the Summer School.

4. *Further Information.* All students who purpose to do work leading to an advanced degree should read carefully the catalogue issue of the *Graduate Bulletin*, which will be sent on application to the Dean of the Graduate School.

Summer School Certificates and Professional Credits

At the close of each term regular examinations will be held, and certificates will be issued to those who pass satisfactory examinations on the courses pursued. These certificates state definitely the courses pursued and the grades attained.

Records of all students desiring professional credit with the State Department of Education will be sent to the Director of Certification immediately after close of each term of the Summer School, provided record cards, furnished for this purpose by the State Department of Education, have been carefully filled out by such students and turned in to the office of the registrar.

Demonstration School

For a period of eight weeks, June 21 to August 13, the elementary grades of the Chapel Hill School will be operated as a Demonstration School for the classes in Elementary Education.

Teachers' Bureau

A Teachers' Bureau is maintained during the Summer School for the benefit of teachers desiring a change in position. Many applications for teachers are received each year while the Summer School is in session, and many Superintendents visit the Summer School for the purpose of employing well qualified teachers. In order that the management may keep closely in touch with available teachers and be enabled thereby to render prompt service to school officials applying for teachers, all well qualified applicants in attendance are invited to register with the Teachers' Bureau. A nominal fee of 50 cents is charged to cover a part of the cost of necessary incidentals. Applicants are expected to file with the Bureau a photograph and typewritten testimonials or letters of recommendation.

The Library

The University Library, containing more than 155,000 volumes and over 25,000 pamphlets, will be open daily to the students of the Summer School. Excellent opportunities are here afforded the students for wide reading and special research. Model libraries are exhibited during the term for (a) Teachers, (b) Rural Elementary Schools, (c) High Schools. These suggestive collections may be consulted at any time.

The Gymnasium

During the Summer School the Gymnasium will be used for the classes in Physical Education and for Social Activities conducted under the auspices of the Y.W.-M. C. A.

The Infirmary

During the Summer School the University Infirmary will be open for the convenience of the students in attendance. The Infirmary will be under the direction of Dr. Eric A. Abernethy, Physician to the Summer School, and a Registered Nurse, who, with an assistant, will be constantly in attendance. There will be

no extra charge for the services of the Physician or of the Nurse, except in cases of prolonged and serious illness necessitating a special nurse. The Summer School Physician will be at the Infirmary two periods a day for consultation and advice. At these hours students of the Summer School will be given the opportunity to consult the Physician about any matters pertaining to their health.

Registration and Tuition Fees

Each matriculate in the Summer School is required to pay a flat registration fee of \$15.00 for each term.

In addition to the registration fee, a tuition fee of \$12.50 for each term will be charged all matriculates who are not teachers in the schools of North Carolina. (For conditions under which free tuition is granted to teachers, see below under "Free tuition for Teachers".) The payment of the \$12.50 tuition fee will permit students to register for three summer school courses, or fifteen hours work per week. If a fourth course is desired, an additional fee of \$5 will be required. For a detailed statement of the various fees charged and the purposes for which they are charged, see below under "Summary of Fees and Expenses."

Train Schedules

There are two trains a day, except Sunday, from University Station to Chapel Hill. The noon train arrives at 12:10 and the evening train at 5:40. Those who can conveniently do so would do well to arrange their trip so as to reach Chapel Hill on the noon train. Be sure to buy your ticket to Chapel Hill Station and have your baggage checked to this point (and not to the University Station, which is ten miles or more from the University).

Delivery of Baggage

The Summer School management will deliver the baggage of students at their dormitories, provided their checks are given only to the official representative of the Summer School at University Station or at Chapel Hill Station. During the registration periods a Bureau of Information will be maintained at University Station, and an official representative of the Summer School will be on hand to take up baggage checks and give such information as incoming students may desire. Give your checks to this representative and

your baggage will be delivered promptly and without charge if you occupy a room in one of the University dormitories. A charge will be made for trunks delivered off the campus.

Table Board

Good table board will be furnished at *Swain Hall* for \$35.00 a term, payable at the beginning of the term. Seven hundred boarders can be accommodated at *Swain Hall*.

Dormitory Accommodations

For the accommodation of women in attendance upon the Summer School the following buildings will be open: *Old East, Old West, Steele, Grimes, Manly, Mangum, Ruffin, "F," "G" and "J" Dormitories*. Reservation of rooms may be made any time.

For the accommodation of men in attendance upon the Summer School the following dormitories will be open: *Battle, Vance, Pettigrew, and Smith Buildings*.

The *Carr Building* will be held for married couples.

During the Summer School each of the dormitories for women will be in charge of a capable chaperon who will see that the University's regulations regarding the health, comfort, and safety of the students are carried out, and who will be always ready to give the young ladies such advice and assistance as they may need.

Shower baths in all Dormitories.

The *Carr Building* contains 32 rooms and will accommodate 70 students.

The *Smith Building* contains 40 rooms and will accommodate 76 students.

The *Battle, Pettigrew, and Vance Sections* of the new dormitories contain 72 rooms en suite and will accommodate 144 students, 4 students to the suite.

The *Old East Building* contains 39 rooms and will accommodate 75 students.

The *Old West Building* contains 39 rooms and will accommodate 75 students.

The *Steele Building* contains 36 rooms and will accommodate 70 students.

Grimes, Manly, Mangum, and Ruffin Dormitories contain 45 rooms each, and will accommodate 90 students each.

“F,” “G,” and “J” Dormitories contain 56 rooms each, and will accommodate 112 students each.

Room rent in any of these dormitories is \$7.50 per student (two, three or four to the room) for the term of six weeks, *payable in advance*.

Rooms in the University dormitories will not be ready for occupancy by the Summer School students until Friday noon, June 11.

Regulations Concerning Women Students

All women students of the Summer School under 24 years of age, except residents of the Chapel Hill community who live at home, are required to live in the University dormitories.

Wherever women students of the Summer School reside they are under the supervision of the Adviser to Women and the chaperons and are expected to conform to the general regulations prescribed for women students.

All prospective women students of the Summer School are advised to read carefully the *Handbook for Women Students of the Summer School*. Copies may be had on application to the office of the Director of the Summer School or to the office of the Adviser to Women.

Reservation Must Be Made in Advance

Students desiring rooms in the University buildings must have their reservations made in advance, or the management cannot guarantee to them accommodations. Each application for a reservation should be accompanied by a check for \$7.50 to cover room rent for the term. *Make all checks payable to the University of North Carolina*. Application should be made to the Director of the Summer School prior to June 1st, in order that applicants may be notified before leaving home whether or not their reservations have been made as requested.

Those who find it necessary to communicate with the Summer School office by telephone about reservations should call Mrs. A. C. Pickard, Secretary, through whom all room reservations for the Summer School are made.

What the Student Must Furnish

Students occupying rooms in the University dormitories must furnish their own bed linen, pillows, towels, etc. Each student who secures a room in one of these dormitories will be expected to bring the following articles:

- 1 pillow.
- 2 pairs pillow-cases.
- 2 pairs of sheets (for single bed).
- 2 counterpanes.
- 6 towels.

Laundry Department: Fee

The University owns and operates a modern laundry which is conducted on a strictly scientific basis. Students (except those who live with their families in Chapel Hill) are required to send their work to the University laundry. A laundry fee of six dollars to be paid at the time of registration is required of each student, against which a charge is made for the work done. If the amount of work done exceeds the amount of this deposit, the student is required to pay the excess. If the amount of work done is less than the deposit, the balance is refunded, except that a minimum average charge of twenty cents per week will be made.

All work is accepted on piece-price basis. The charges are exceedingly reasonable and are made strictly in accordance with the cost of operation. This enables the students to get their laundry work at a cost below the usual commercial prices.

The laundry accepts complete responsibility for all goods intrusted to its care and will pay for any articles lost or damaged.

Books and Materials

Students of the Summer School will be expected to provide themselves with all books and materials required for their individual use in the courses pursued. Most of the texts to be used are announced in connection with the description of the various courses. Students may procure their books before coming to the Summer School, or they may get them here at the Book Exchange, or at the Chapel Hill bookstores at the usual market prices.

Chapel Exercises

Chapel services will be conducted in two parts. Vesper service will be held daily in Gerrard Hall immediately following supper. Attendance upon this will be voluntary.

Each Wednesday morning at 11:00 o'clock a weekly convocation will be held in Memorial Hall. Attendance upon this will be required of all undergraduate students registered in the Summer School.

Schedule

In the Summer School schedule the day is divided into periods as follows:

MORNING HOURS

First Period	8:00 to 9:00
Second Period	9:00 to 10:00
Third Period	10:00 to 11:00
Chapel Period (open except on Wednesday) ..	11:00 to 11:30
Fourth Period	11:30 to 12:30
Fifth Period	12:30 to 1:30

AFTERNOON HOURS

First Period	3:00 to 4:00
Second Period	4:00 to 5:00
Third Period	5:00 to 6:00

A daily schedule of recitations showing the hours and places of meeting for the various classes should be secured by each student at the time of registration.

Recreation and Entertainment

In addition to the regular courses of instruction scheduled in the various departments, there will be some form of recreation and entertainment provided each week while the Summer School is in session. The program of attractions for 1926 is announced in Part IV (page 77).

Reduced Fares

Reduced railroad rates on the round trip identification plan have been authorized from Washington, D. C., and stations in North Carolina, South Carolina, Virginia, and from Augusta, Georgia, on the following lines: C. C. & O. Railway, Southern Railway, Norfolk-Southern Railroad, and the Seaboard Air Line Railway. The Atlantic Coast Line Railroad and the Charleston and Western Carolina Railroad will authorize reduced rates from competitive

points only, on the basis of fare and one-half for the round trip, minimum excursion rate \$1.00, tickets to be sold only upon presentation of identification certificates to ticket agents at the time of purchase of tickets.

Identification certificates will be mailed out to all prospective members of the Summer School. These may be had on application to the Director of the Summer School.

Expenses for Each Term

Not counting the cost of such variable items of expense as travel, books and materials (including laboratory fees), and laundry, and excluding all other incidental and extra charges, the fixed items of expense, each term, for those who live in the college dormitories and take their meals at Swain Hall, are as follows:

	<i>each term</i>
Table Board at Swain Hall.....	\$35.00
Room in University Dormitory.....	7.50
Registration Fee (on Regular Registration Days)....	15.00
Tuition Fee (Registration Limited to 3 courses)....	12.50
	<hr/>
Total (for those who are not Teachers).....	\$70.00
Exemption for Teachers (Registration Limited to 3 courses)	12.50
	<hr/>
Total for Teachers (Registration Limited to 3 courses)	\$57.50

A Laundry Fee of \$6.00 will be charged all registrants at the time of registration. (See Laundry Department: Fee, page 25.)

Free Tuition for Teachers*

Teachers now in service in the schools of North Carolina and residents of the state who are preparing to teach may be exempt from the payment of the \$12.50 tuition fee under the following conditions:

1. They must be eligible to enter the Summer School.
2. They must make application for the free tuition privilege.
3. A teacher now in service must file with his application a statement from his superintendent or principal to the effect that he was in service as a teacher in the schools of North Carolina in the year 1925-'26.
4. Residents of the state who are preparing to teach will be required to sign the usual teacher's agreement to teach in North Carolina or to pay the tuition within a given length of time in case they do not teach.
5. Those who are not residents of the state, but who at the time of registration have been employed to teach in North Carolina for the year 1926-'27

* The word "teacher" as here used is meant to include not only teachers but principals, supervisors, and superintendents.

will be accorded the same free tuition privilege as if they were residents of the state preparing to teach.

6. All students availing themselves of the free tuition privilege for teachers will be required to satisfy the state's professional requirements for the class of certificate they are seeking, or the professional requirements for that class of certificate next above the class of certificate now held. This does not mean that the professional requirements must be met in full in the summer of 1926, but they must be met by the time the academic requirements for the next higher class of certificate are met.
7. Candidates for the bachelor's degree who avail themselves of the free tuition privilege are required, under a resolution of the Board of Trustees, to register in the School of Education.

All forms used in the administration of the free tuition privilege may be had at the Director's office. Teachers in service will save themselves considerable delay by securing from their school officials in advance the statements referred to in section 3 above.

Summary of Fees and Expenses

In all cases, unless otherwise noted, the fees listed below are to be paid to the University Treasurer at the time of registration or at the time the service is rendered for which the fee is charged.

1. *Registration Fee, \$15.00.* Required of all registrants, except Kinscella pupils.
2. *Tuition Fee, \$12.50.* Required of all except teachers. See Free Tuition for Teachers, p. 18.
3. *Extra Tuition Fee, \$5.00.* Required of those only in the College and Graduate Divisions allowed to register for more than 3 courses. (This does not apply to those registering in the Normal School Division.)
4. *Late Registration, \$2.00.* Required of every student in the First Term registering after June 12, and of every student in the Second Term registering after July 21.
5. *Changes in Registration, 25 cents each.* After June 14 a charge of 25 cents will be made for each change a student makes in his registration for the first term. After July 22 the same charge will be made for each change in registration for the second term.
6. *Laundry Fee, \$6.00.* Required of all registrants, except Kinscella pupils (who are here for two weeks only). This fee may be refunded to students who live at home and have their laundry work done elsewhere than at the University Laundry. See under Laundry Department.
7. *Kinscella Institute, \$30.00.* Each special student in the Kinscella Institute will pay a flat fee of \$30.00 for the course, and will not be required to pay the \$15.00 registration fee. Students regularly enrolled in the Summer School and desiring to register in the Kinscella Institute will pay a special fee of \$25.00 for the course. This fee is paid at the office of the Department of Music.
8. *Season Ticket to Attractions, \$1.50.* The payment of this fees is entirely optional. It is a nominal charge for a general admission season ticket, each term, for the program of attractions put on by the Summer School. This fee is paid at the Director's office at the time the tickets are delivered.

9. *Teachers' Bureau, 50 cents.* Required of those only who register with the Bureau. This is only an incidental fee and not in any sense a service fee.
10. *Room Rent, \$7.50.* This is paid through the office of the Director at the time the reservation is made.
11. *Table Board, \$35.00.* A flat charge for board at Swain Hall for each term of the Summer School. Payable to the Treasurer at the time of registration by those desiring board at Swain Hall.
12. *Music Fees.* These vary for different courses. (See list of courses offered by the Department of Music.) In addition to the tuition fee a special fee of \$2.00 for the term is charged those desiring assignment to a practice room. All music fees are paid at the office of the Department of Music.
13. *School of Commerce Library Fee, \$1.00.* Charged each student in the School of Commerce.
14. *English 34, \$2.00.* Each student registering for English 34, Dramatic Production, is required to pay a laboratory fee of \$2.00.
15. *Dalcroze Eurythmics, \$10.00.* A tuition fee to be paid by each student registering for the course. Payable at the office of the Music Department.
16. *Diploma Fee, \$5.00.* Required of each candidate for a degree at the close of the Summer School.
17. *Laboratory Fees.* These vary for the different departments and for different courses in the same department. They are as follows:

Botany:

s1\$4.00

Chemistry:

s1 5.00
 s2 4.00
 s31 10.00
 s35 10.00
 s41 10.00
 s45 7.00
 s46 7.00
 s61 10.00
 s62 10.00
 s81 4.00
 s117 10.00
 s147 10.00
 s177 10.00
 s197 10.00

Commerce:

Library Fee 1.00
 s1 3.00
 s2 3.00

Geology:

s1\$3.00
 s2 3.00
 s21 2.50
 s91-92 30.00

Physics:

s1 2.50
 s2 4.00
 s13 2.50

Psychology:

s1 1.00
 s2 1.00
 s104 1.00
 s104a 1.00
 s104b 1.00

Zoology:

s1(b) 5.00

Refund of Fees

1. Fees paid in advance for room reservation for the first term will be refunded on application up to and including June 1st but not after that date, and for the second term, up to and including July 1.
2. If for any reason a student, after registering, finds it necessary to withdraw from the Summer School, registration and tuition fees, on application presented within the dates specified below, will be refunded, but in strict accordance with the following regulations:

- (1) If application is made within the registration period, the amount paid, less a flat overhead charge of \$2.50, will be refunded.
- (2) If application is made within a period of 5 days after class work begins, a flat overhead charge of \$10.00 will be deducted from the amount paid and the remainder refunded.
- (3) After a period of 5 days from the time class work for the term begins, no refund of registration and tuition fees will be made, except in the case of illness necessitating the student's withdrawal, in which case a proper adjustment will be made within a period of 10 days after class work begins.
- (4) In case of a student's withdrawal from the Summer School, proper adjustment will be made in the charges for table board, laboratory fees, and laundry fees. After necessary deductions are determined by the department concerned in each instance, appropriate refunds of any unused part of such charges or fees will be made to the student.

PART II—DEPARTMENTS OF INSTRUCTION

COLLEGE AND GRADUATE COURSES

The letter s, meaning summer, is prefixed to the numbers of courses to distinguish them from the numbers employed in the annual catalogue to designate the courses of the regular college year.

The letter N indicates that the course counts for "normal credit," i.e., credit towards a state certificate. The letter C indicates that a course is of college grade and may be counted toward the bachelor's degree in the appropriate School or College of this University as indicated by the Roman numerals added after the statement of the amount of credit carried by the particular course. In this scheme of numerals I means College of Liberal Arts; II, School of Education; III, School of Commerce; IV, Premedical course, or for S.B. in Medicine; V, School of Applied Science; the abbreviation G indicates that a course so marked is of graduate grade and may be counted toward the master's degree.

In most courses, it will be observed, the hours have not been scheduled. A daily schedule of recitations showing the hours and places of meeting should be secured by each student before registering.

A course extending through the Summer Quarter is marked *Both terms*, one offered and completed in a single term of the quarter is marked *First or Second term*, as the case may be.

ART HISTORY

s 14. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS. (Comparative Literature).

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. Junior and Senior elective. First term. MR. BERNARD.

Selections from the Epic, Lyric, Drama, and Plato's Dialogues will be studied with a view to their influence on modern literature. The course is a condensed form of the college course known as Comparative Literature 14.

Greek 14 may also be taken as a graduate course. In such case the scope of the work will be considerably expanded and concentrated on some special phases of the subject required. Graduate students desiring to register for this course will register for Greek 114.

s61b. ART HISTORY.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. Junior and Senior elective. First term. MR. BERNARD.

Lectures on the architecture and sculpture of Greece and Rome with lantern slide illustrations accompanying each lecture. This course has two objects: first, to impart a knowledge and appreciation of the masterpieces of the world's greatest art era; second, to trace the principles then worked out into modern design and workmanship, thus making possible a better understanding of modern art.

NOTE: A student who completed Art History s61a in the Summer School of 1925 may take s61b in 1926 and thus earn credit for a full course. Art History s61a and s61b are given in alternate years. A student may take s61b for a credit of $\frac{1}{2}$ course without having taken s61a.

s114. MASTERPIECES OF GREEK LITERATURE IN ENGLISH TRANSLATIONS.

Credit, $\frac{1}{2}$ course. G. (See Art History s14.)

BIOLOGY

(See under BOTANY and ZOOLOGY below.)

BOTANYs 1. **GENERAL BOTANY.**

Credit, 1 course. C. I, II, III, IV, V. Five lectures and ten laboratory hours a week. First term. MR. TOTTEN.

It will be the object of this course to give an introduction to the structure and classification of plants. Study will be made of the algae, fungi, mosses, ferns, and seed plants, but most emphasis will be placed upon the seed plants. Lectures with laboratory and field work. A considerable part of the work will be out of doors in a study of tree, shrubs, and herbs of Chapel Hill and of the introduced ornamental plants found in the Arboretum. This course covers much the same ground and carries the same credit as Botany 1 given in the Fall and Spring Quarters. Text: Smith, Overton, Gilbert and others. A textbook of General Botany. Freshman, Sophomore, Junior and Senior elective. Registration for this course will be limited to 48. Laboratory fee, \$4.00.

CHEMISTRY**Courses for Undergraduates**s 1. **GENERAL DESCRIPTIVE CHEMISTRY.**

Credit, 1 course. C. I, II, III, IV, V. Four lectures and four hours laboratory weekly. Both terms. First term, MR. BELL and MR. CROCKFORD. Second term, MR. VILBRANDT and MR. CROCKFORD.

A study of the non-metallic elements and their compounds. Laboratory fee, \$5.00.

s 2. **GENERAL DESCRIPTIVE CHEMISTRY.**

Credit, 1 course. C. I, II, III, IV, V. Four lectures and four hours laboratory weekly. Both terms. First term, MR. BELL and MR. CROCKFORD. Second term, MR. VILBRANDT and MR. CROCKFORD.

A study of the metals and their compounds. Laboratory fee, \$5.00.

s 31. **QUALITATIVE ANALYSIS.**

Credit, 1 course. C. I, II, IV, V. Four hours daily. First term, MR. DOBBINS and MR. JENNINGS.

Prerequisite, Chemistry 1-2.

Lectures and laboratory work including practice with unknown mixtures. Laboratory fee, \$10.00.

s 35. **ANALYTICAL CHEMISTRY.**

Credit, 1 course. C. IV. Four hours daily. First term, MR. DOBBINS and MR. JENNINGS.

Prerequisite, Chemistry 1-2.

A brief course in qualitative analysis followed by a course in gravimetric and volumetric analysis. Open only to students in the S.B. IV, and Pre-medical courses. Laboratory fee, \$10.00.

s 41. **QUANTITATIVE ANALYSIS.**

Credit, 1 course. C. I, II, IV, V. Four hours daily. First term, MR. DOBBINS and MR. JENNINGS.

Prerequisite, Chemistry 31.

Gravimetric Analysis. Laboratory work, lectures and stoichiometric exercises. Laboratory fee, \$10.00.

s 61. ORGANIC CHEMISTRY.

Credit, 1 course. C. I, IV, V. Four lectures and four hours laboratory weekly. Both terms. First term, MR. EDMISTER and MR. CROCKFORD. Second term, MR. HARRIS.

A course in elementary organic chemistry, covering the major portion of the aliphatic series. Laboratory fee, \$10.00.

Courses for Graduates and Advanced Undergraduates

s 13. CHEMISTRY OF FOODS.

Credit, 1 course. C. I, II, IV, V, or G. Five lectures weekly. Both terms. First term, MR. EDMISTER. Second term, MR. HARRIS.

Prerequisite, Chemistry 1-2.

Digestion processes, and the composition, preservation, adulteration, and industrial production of foods.

s 45. TECHNICAL QUANTITATIVE ANALYSIS.

Credit, 1 course. C. I, V, or G. Four hours daily. Second term. MR. VILBRANDT.

Prerequisite, Chemistry 41-42.

Water, oil, fuel, and gas analysis. Laboratory fee, \$7.00.

s 62. ORGANIC CHEMISTRY.

Credit, 1 course. C. or G. I, IV, V. Four lectures and four hours laboratory weekly. Both terms. First term, MR. EDMISTER and MR. CROCKFORD. Second term, MR. HARRIS.

The carbocyclic and heterocyclic series. Laboratory fee, \$10.00.

s 81. PHYSICAL CHEMISTRY.

Credit, 1 course. C. I, II, IV, V, or G. Six lectures and eight laboratory hours weekly. First term, MR. BELL and MR. CROCKFORD. Prerequisite, Chemistry 41-42.

A study of the properties of solids, liquids, and gases, and their relations to chemical constitution. Laboratory fee, \$4.00.

s 82. PHYSICAL CHEMISTRY.

Credit, 1 course. C. I, II, IV, V, or G. Six lectures and eight laboratory hours weekly. Second term, MR. CROCKFORD.

Prerequisite, Chemistry 81.

The theory of solutions.

Courses for Graduates

s114. ADVANCED TECHNICAL CHEMISTRY.

Credit, $\frac{1}{2}$ course. G. Second term. MR. VILBRANDT.

Seminar course, readings and discussions of special chapters.

s144. ADVANCED ANALYTICAL CHEMISTRY.

Credit, $\frac{1}{2}$ course. G. First term. MR. DOBBINS.

Seminar course, readings and discussions of special chapters.

s194. ADVANCED PHYSICAL CHEMISTRY.

Credit, $\frac{1}{2}$ course. G. First term. MR. BELL.

Seminar course, readings and discussions of special chapters.

s117. RESEARCH IN TECHNICAL CHEMISTRY.

Credit, 1 course. G. Second term. MR. VILBRANDT.

Laboratory work with daily conferences with the professor and reference to the literature relating to the subject for research. Laboratory fee, \$10.00.

- s147. RESEARCH IN ANALYTICAL CHEMISTRY.
Credit, 1 course. G. First term. MR. DOBBINS.
Laboratory work with daily conferences with the professor and reference to the literature relating to the subject for research. Laboratory fee, \$10.00.
- s197. RESEARCH IN PHYSICAL CHEMISTRY.
Credit, 1 course. G. First term. MR. BELL.
Laboratory work with daily conferences with the professor and reference to the literature relating to the subject for research. Laboratory fee, \$10.00.

ECONOMICS AND COMMERCE

Economics

- s 1. GENERAL ECONOMICS.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. MR. SPRUILL.
This course covers the same ground as Economics 1 in the regular session and is planned to give an understanding of the general principles underlying our complicated industrial life. The first part of the course deals with the organization of economic society. This survey is followed by a critical analysis of certain phases of the economic process, production, consumption, and the market. (This course counts for credit only if followed by Economics s2.)
- s 2. GENERAL ECONOMICS (continued).
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. Second term. MR. MATHERLY.
Prerequisite, Economics 1.
The subject matter of this course is the same as that of Economics 2 in the regular session. The analysis of the economic process started in Economics 1 is continued and completed. The exchange and distributive processes are examined. The remainder of the course will deal with the problems of monopoly and combination, transportation, labor, public finance, and economic reform. The object will be to give the student an understanding of the fundamental aspects of these subjects, sufficient for a comprehensive, well-organized basis for independent constructive thinking, or an adequate foundation for advanced study in the field of economics and industry.
- s 5. ECONOMIC HISTORY.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. MR. SPRUILL.
A survey of the steps by which economic activities have evolved from primitive beginnings into the complicated capitalistic economy of today. Special emphasis on the development of the wage system, the Industrial Revolution, the expansion of markets, the ebb and flow of industrial activity, the relation of industrial development to political policy, as they have manifested themselves in England and the United States.
- s 10. MONEY AND CURRENCY.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. MR. MURCHISON.
Prerequisite, Economics 1-2.
Origin and functions of money. The standard problem. Relationship between money and prices. Economic principles governing the issuance

and retirement of credit money. International gold movements. Inflation and deflation. Effects of the war upon the world's monetary systems.

s 11. **BANKING AND CREDIT.**

Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. Second term. MR. MURCHISON.

Prerequisites, Economics 1-2 and 10.

The place of the commercial bank in the economic organization. Functions and major operations of a bank. Relationships between loans and discounts, deposits, reserves, capital, and surplus. Process of financing the business man. Investigating the credit risk; determining the line of credit. The banking system as a whole; clearing house associations, correspondent banks, bankers' banks, the Federal Reserve System. Government control of banking.

s 12. **BUSINESS CYCLES.**

Credit, 1 course. C. or G. I, II, III, IV, V. Ten hours a week. Second term. MR. MURCHISON.

Prerequisite, Economics 1-2.

A study of the alternating periods of depression and prosperity. The underlying causes of panics and crises. Fluctuations in prices, trade volume, and physical production.

s 26. **INTERNATIONAL TRADE: Theory and Policies.**

Credit, 1 course. C. or G. I, II, III, IV, V. Ten hours a week. First term. MR. ZIMMERMAN.

Prerequisites, Commerce A, Economics 1-2.

In this course international trade is viewed from the standpoint of the political economist, emphasizing the social aspects.

Part I. Theory of international trade with special reference to payment balance and foreign exchange.

Part II. Historical study of the past, and critical analysis of the present, foreign commerce of the United States and principal commercial rivals; a survey of our markets and sources of supply.

Part III. Analysis and criticism of the international trade policies of the United States and leading commercial nations.

s 40. **THEORIES OF ECONOMIC REFORM.**

Credit, 1 course. C. or G. I, II, III, IV, V. Ten hours a week. First term. MR. CARROLL.

Prerequisite, Economics 1-2.

The object of this course will be to examine critically the most prominent of the current proposals of economic reform, such as socialism, Bolshevism, the single tax, profit sharing and labor co-partnerships, and industrial democracy. This course may be taken by those who wish neither college nor graduate credit.

Commerce

s 1. **ACCOUNTING PRINCIPLES.**

Credit, 1 course. C. III. Ten hours a week. First term. Laboratory fee, \$3.00. MR. PEACOCK.

Prerequisite or corequisite, Economics 1-2.

Lectures with laboratory work. Study of theory of debit and credit, record making, organization of accounts, and presentation of financial and profit and loss statements. Laboratory exercises in accounting problems and technique.

s 2. ACCOUNTING PRINCIPLES.

Credit, 1 course. C. III. Ten hours a week. Second term. Laboratory fee, \$3.00. MR. PEACOCK.

Prerequisite, Commerce 1.

Lectures with laboratory work. An approach to accounting problems from the business manager's point of view. It consists of a thorough study of the organization of the accounting department of a business and its relation to the other departments, accounting systems, construction and analysis of accounting statements. The principles of valuation of assets, depreciation, and bonds are also covered, and a general survey made of such fields as cost, municipal, and railway accounting.

s 10. BUSINESS ORGANIZATION.

Credit, 1 course. C. III. Ten hours a week. Second term. MR. MATHERLY.

Prerequisite, Economics 1-2.

The forms of business organization with emphasis on the corporation. The external relations of a business organization and the internal coördination of the factors in production with a view to the establishment of effective control and definite responsibility for results. Special attention will be directed to the various functions to be performed, such as, production, finance, personnel, marketing, risk-taking, and records and standards.

s 12. CORPORATION FINANCE.

Credit, 1 course. C. or G. III. Ten hours a week. First term. MR. ZIMMERMAN.

Prerequisite, Economics 1-2.

Methods of financing business enterprise, the principles governing the issuance and proportion of the various classes of securities issued by a corporation; the conditions which lead to the issuance of particular forms of securities, the organization of subsidiaries, methods of financing mergers, combinations and consolidations; amortization of debts; reorganizations; intercorporate relations. The preparation of securities with relation to the market.

EDUCATION

slab. INTRODUCTION TO EDUCATIONAL PSYCHOLOGY.

Credit, $\frac{1}{2}$ course for each of the two parts, 1a and 1b, or 1 full course when both parts are completed. C. I, II. Each part, five hours a week. First term, 1a (Sec. 1), MR. GARINGER; 1a (Sec. 2), MR. NOBLE; 1b, MR. GARINGER. Second term, 1a, MR. GARINGER; 1b, MR. NOBLE.

Education is viewed in this course as a series of changes in individual pupils. The elementary principles of educational psychology will be illustrated and studied through assigned readings, experiments, and discussions. Required of all students in the School of Education who do not elect Psychology 1-2. Text: Gates, *Psychology for Students of Education*.

NOTE: A student may, with the approval of the instructor, register for both parts of the course, 1a and 1b, in the same term, and complete the full course in one term.

s20ab. EDUCATIONAL PSYCHOLOGY.

Credit, $\frac{1}{2}$ course for each of the two parts, 1a and 1b, or 1 full course when both parts are completed. C. I, II. Each part, five hours a week. Both parts each term. First term, 20a, MR. JORDAN; 20b, MR. GARINGER. Second term, 20a, MR. JORDAN; 20b, MR. GARINGER.

A systematic course in Educational Psychology following either Educa-

tion 1 or Psychology 1-2. It considers critically such topics as instincts, the laws of learning, individual differences, mental fatigue, and mental measurement. Text: Thorndike, *Educational Psychology (Briefer Course)*.

NOTE: A student may, with the approval of the instructor, register for both parts in the same term, and complete the full course in one term.

s26a. PUBLIC EDUCATION IN THE SOUTH.

Credit, $\frac{1}{2}$ course. C. or G. I, II. Five hours a week. First term. MR. KNIGHT and MR. BRIGGS.

This course furnishes a survey of public school education in the Southern States. Consideration is given to recent development, to present problems in organization, administration, and supervision, and to the improvements needed for the proper solution of present-day rural life problems. Special attention will be given to conditions and needs in North Carolina. Textbook, lectures, readings, investigations, and special reports.

s31a. RURAL SCHOOL ORGANIZATION AND ADMINISTRATION.

Credit, $\frac{1}{2}$ course. C. or G. I, II. Five hours a week. First term. MR. KNIGHT and MR. BRIGGS.

This course is planned for teachers and principals of rural or village schools, county superintendents and supervisors. It will consider the principal problems of rural education in the United States with special emphasis on conditions in North Carolina and the South. The curriculum, methods of teaching, problems of support, administration, health, recreation, methods of training teachers in service, the increasing demand for professional direction and supervision, the county unit plan, consolidation and transportation will be studied. Textbook, lectures, investigations, special reports, and illustrative lectures.

s40a. STATE SCHOOL ORGANIZATION.

Credit, $\frac{1}{2}$ course. C. I, II, or G. Five hours a week. First term. MR. WEST.

This course considers the fundamental principles of education from the point of view of the welfare of the state. It is intended to introduce teachers and administrative school officers to the legislative problems and aspects of the organization in which they work. It may be elected by students who are not planning to become school officers but who desire to understand the legal status and organization of education in America. Textbooks, assigned readings, reports and discussions.

s42a. THE ELEMENTARY SCHOOL PRINCIPALSHIP.

Credit, $\frac{1}{2}$ course. C. I, II, or G. Five hours a week. Second term. MR. ROBERTSON.

This course considers the duties, qualifications, and activities of the principal of an elementary school. Textbook, assigned readings, and special reports.

s46a. CLASSROOM MANAGEMENT.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. MR. MORRISON.

A course for prospective teachers on the organization and direction of activities in the classroom as distinguished from the administration of an entire school. Class routine, lesson planning, conduct of the recitation, and extra-curricular activities will be included. Textbook, special readings, observations, and reports.

s48ab. (a) THE CLASSIFICATION OF PUPILS. (b) THE SUPERVISION OF INSTRUCTION.

Credit, 1 course. C. I, II, or G. Ten hours a week. Second term. MR. ROBERTSON and MISS BEUST.

This is a technical course for the professional training of public school principals and supervisors. A thorough knowledge of the principles of educational measurements and at least two years of teaching experience are prerequisite. Textbooks, observations, reports, and discussions.

s49ab. MEASUREMENTS OF EDUCATIONAL EFFICIENCY. (a) CHILD ACCOUNTING. (b) FINANCE ACCOUNTING.

Credit, each part $\frac{1}{2}$ course. C. I, II, or G. Each part, five hours a week. First term. MR. WEST and MR. STEVENS.

This course for superintendents, principals and supervisors will consider the fundamental principles and purposes of accounting, the various systems now in use in the public schools of North Carolina, and the improvements which are most urgently needed. The printed forms, equipment, labor saving devices, and clerical service required for schools of different sizes will be studied from the standpoint of costs and efficiency. Assigned readings, practical problems, class discussions, and individual reports.

s51ab. PRINCIPLES OF SECONDARY EDUCATION.

Credit, each part $\frac{1}{2}$ course, or 1 full course when both parts are completed. C. I, II. Each part five hours a week. Both parts, a and b, first term. Part b, second term. Prerequisites, Education 1 and 20, or the equivalent, and junior standing.

First term, part a, MR. KING; part b, MR. NOBLE; second term, part b, MR. HOOD.

A study of the American high school, its evolution, organization, administration, functions, and problems. Special emphasis will be laid on the public high school in North Carolina. This course is designed especially to meet the needs of those students who are looking toward principalships in small high schools. Textbooks, lectures, assigned readings.

s52ab. GENERAL METHODS IN SECONDARY EDUCATION.

Credit, each part $\frac{1}{2}$ course, or 1 full course when both parts are completed. C. I, II. Each part five hours a week. Both parts, a and b, first term. Part b, second term. Prerequisites, Education 1 and 20, or the equivalent, and junior standing. First term, both parts, MR. MOSHER; second term, part b, MR. HOOD.

The course deals with a general survey of the nature of the secondary school pupil and of the nature of the subject matter taught in secondary schools; a study of the laws of learnings which underlie and determine the conduct of the recitation and the management of the class. Considerable attention is given to the types of learning involved in the different high school subjects and economical methods of instruction.

s 54. THE PSYCHOLOGY OF HIGH SCHOOL SUBJECTS.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. Second term. MR. JORDAN.

Prerequisites, Education 1 and 20, or the equivalent, and at least senior standing.

This course will consider the function of the various subjects usually listed in the high school program of studies, together with an analysis of these subjects from the viewpoint of the psychologist. A course in applied psychology. Textbook, discussions, and readings.

s56ab. MEASUREMENTS IN SECONDARY EDUCATION.

Credit, each part $\frac{1}{2}$ course, or 1 full course when both parts are completed. C. I, II. Each part, five hours a week. Part a, first term. Part b, second term. First term, MR. JORDAN and MR. MORRISON; second term, MR. ROBERTSON and MR. HAMPTON.

The elementary statistical methods necessary for the interpretation of the results of educational measurements will be taught in the early meetings of this course. Samples of the scales and tests will be examined and discussed, and critical analysis will be made of the conclusions which have been drawn from their use in various high schools. Class experiments, lectures, readings, and reports.

The second half of this course will consist of special investigations by members of the class, involving both published reports and unpublished data regarding the achievements and character of secondary school pupils, especially in North Carolina.

s 61. EDUCATIONAL ADMINISTRATION.

Credit, 1 course. C. I, II, or G. Ten hours a week. First term. MR. WEST, MR. KNIGHT, MR. STEVENS.

This course is designed to prepare county and city superintendents of schools for more effective discharge of their official duties. At least two-thirds of a superintendent's time during the first term of the summer session will be required for the successful completion of this course. Among the problems considered will be the following: office records and equipment; annual reports, budget making; courses of study; selection and supervision of teachers; promotion and classification of pupils; the county as the unit for school supervision and support; the transportation of pupils; the enforcement of compulsory attendance laws; and community organization.

s62a. MEASUREMENTS IN ELEMENTARY EDUCATION.

Credit, $\frac{1}{2}$ course. C. I, II, or G. Five hours a week. First term. Repeated in second term. First term, MR. JORDAN and MR. STEVENS; second term, MR. JORDAN and MR. HAMPTON.

The first half (a) of this course will introduce the student to methods of administering, scoring, tabulating, and interpreting the results of the best tests in the field of elementary education. Textbook, assigned readings, special reports, and class exercises.

s 63. THE PSYCHOLOGY OF ELEMENTARY SCHOOL SUBJECTS.

Credit, $\frac{1}{2}$ course. C. I, II, or G. Five hours a week. First term. MR. JORDAN.

The psychological processes involved in the learning of reading, writing, arithmetic, history and geography. The application of the laws of learning is made to the arrangement of material within each subject. Students registering for this course should have had Education 1 or Psychology 1-2 and one further course in Education. Textbook: Freeman, *Psychology of Common Branches*.

s 64. MENTAL MEASUREMENTS.

Credit, $\frac{1}{2}$ course. C. I, II, or G. Five hours a week. Second term. MR. JORDAN.

This course considers mental tests in their relation to the problems of classification of pupils and the supervision of their instruction. The problem of the correct placing of pupils so that they may progress at their best rate is a vital one. This course is designed to aid in solving this problem. Students registering for this course should have had Education 1 or Psychology 1-2 and one other course in Education. Textbook: Pintner, *Intelligence Testing*.

s101ab. PROBLEMS IN SECONDARY EDUCATION.

Credit, $\frac{1}{2}$ course each term. G. Four hours a week. First term, part a, MR. MOSHER; second term, part b, MR. WEST.

This course is intended for advanced students and is primarily a course in investigation. To be admitted to it, a student must have pursued other courses in secondary education. Students who have not taken Education 51 may be admitted only with the special permission of the instructor. At the beginning of the course each student is required to select some one problem for special investigation. The problem for investigation chosen by the student must be subject to the approval of the instructor both as to field and method. A thesis will be required of each student. Throughout each term regular class discussions will be held on various problems in secondary education and assigned readings will be required.

s103ab. PROBLEMS IN EDUCATIONAL ADMINISTRATION.

Credit, $\frac{1}{2}$ course each term. G. Four hours a week. First term, part a; second term, part b. MR. WEST.

This research course offers opportunities to administrative officers to make intensive studies of their own school systems or of related problems under the direction of the instructors. This course may be taken more than once, for the problems considered will differ from year to year. Problems of city school administration will receive special attention this summer.

s110ab. PROBLEMS IN EDUCATIONAL PSYCHOLOGY.

Credit, $\frac{1}{2}$ course each term. G. Four hours a week. First term, part a; second term, part b. MR. JORDAN.

A graduate course treating intensively of the fundamental facts of educational psychology. This course is designed for those who intend to major in educational psychology and for those who wish a more thorough understanding of the psychological principles of education. Students registering for this course should have had Education 1 or Psychology 1-2 and one other course in Educational Psychology.

s126a. STUDIES IN AMERICAN EDUCATION.

Credit, $\frac{1}{2}$ course. G. Four hours a week. First term. MR. KNIGHT and MR. BRIGGS.

This is an advanced course in which special subjects, topics, and problems in American education and especially education in the South will be studied in detail. It is open only to students who are writing their theses under Mr. Knight's direction. Education s26 or s31, or its equivalent, required as a prerequisite or parallel.

s140. SEMINAR IN EDUCATION, THESIS COURSE.

No credit. Two hours a week. Each term. Professors in The School of Education.

This is a course of strictly graduate grade in which there will be taken up such work as is necessary for each student in connection with the writing of his degree thesis. It is intended for those students whose graduate major is in Education, but students whose thesis topics are closely related to Education are invited to attend and to take part in the discussions. The class will meet for two hours each week through both terms.

s151ab. PRINCIPLES OF SECONDARY EDUCATION.

Credit, each part, $\frac{1}{2}$ course. G. Five hours a week. First term, part a, MR. MOSHER; second term, part b, MR. WEST.

A systematic course for graduate students, intended primarily for those who have not had Education 51. This course will embrace a study of the American high school, its evolution, organization, administration, functions, and problems. It is designed primarily for high school principals and graduate students who are looking forward to high school principalships. Textbook, lectures, readings, and reports. A term paper will be required of each student before credit for the course will be allowed.

ENGLISH

Courses for Undergraduates

- s 1. FRESHMAN ENGLISH.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Both terms. First term, MR. MACMILLAN. Second term, MR. PAINE.
Intensive reading, chiefly in American prose; extensive reading among one thousand selected books in the Library; constant written composition.
- s 1a. COMPOSITION.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Both terms. First term, MR. ADAMS. Second term, MR. WRIGHT.
A prerequisite of English 1 for Freshmen who need additional drill in the mechanics of writing. In the case of Freshmen required to take this course it will take the place of an elective course. Upper classmen whose work in other courses is ill-written, may be required to take English 1a (without credit).
- s 4. ENGLISH LITERATURE.
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Both terms. First term, MR. POTTER. Second term, MR. JOHNSON.
Works representative of the successive periods of English literature are studied as an expression of the life and thought of the periods in which they were written and as the embodiment of permanent human interests and ideals.
- s 11. THE TEACHING OF ENGLISH LITERATURE IN THE HIGH SCHOOL.
Credit, ½ course. C. I, II. Five hours a week. First term. MR. HOWELL.
A study of the High School course in English Literature, chiefly from the point of view of literature as a means of training for culture and for good citizenship.
- s 12. THE TEACHING OF COMPOSITION IN THE HIGH SCHOOL.
Credit, ½ course. C. I, II. Five hours a week. First term. MR. GOODE.
A companion course to English s11, dealing with composition in the high school. Its functions, aims and methods will be studied from the point of view of the teacher, but practice in writing under direction will be a feature of the course.
- s 31. DRAMATIC COMPOSITION.
Credit, 1 course. C. I, II. Five hours a week. First term. MR. POTTER.
A practical course in dramatic composition. Emphasis is placed on the materials of local tradition and folk-lore, and of present-day life in North Carolina. Plays written in the course are selected for production by the Carolina Playmakers, and serve to illustrate the principles of dramatic art. Registration in the course is limited. The course may be repeated in successive summers.

s 34. DRAMATIC PRODUCTION.

Credit, 1 course. C. I, II. Ten hours a week. Second term. MR. ELMORE.

A practical course in dramatic production. Intensive study will be given to the following subjects: acting, make-up, stagecraft (including the designing and making of stage models and actual construction of scenery for the productions of the Carolina Playmakers), lighting, costuming, theatre designing, and organization. At least one play will be produced in this course during the session. The course is especially designed for teachers and directors of community theatres. Registration in the course is limited. Laboratory fee, \$2.00.

s 60. AMERICAN LITERATURE.

Credit, 1 or $\frac{1}{2}$ course. C. Five hours a week. Both terms. First term, MR. ADAMS. Second term, MR. HIBBARD.

A survey of American literature from Whitman to the present.

s 67. RECENT ENGLISH LITERATURE.

Credit, $\frac{1}{2}$ course. C. Five hours a week. First term, MR. BOOKER. The primary object of this course is to follow certain main currents of modern thought in the more significant literature of the three decades preceding 1914. The authors with whom the course is chiefly concerned are Hardy, Stevenson, Kipling, Arnold Bennett, Conrad, and Shaw.

Courses for Graduates and Advanced Undergraduates

s 38. SHAKESPEARE: THE TRAGEDIES.

Credit, 1 or $\frac{1}{2}$ course. C. or G. I, II. Five hours a week. Both terms. First term, MR. CADY. Second term, MR. HIBBARD.

A study of Shakespeare's contribution to tragedy. The major tragedies will be studied intensively; the rest will be read with reference to special points.

s 43. THE ELIZABETHAN DRAMA.

Credit, 1 or $\frac{1}{2}$ course. C. or G. Five hours a week. Both terms. First term, MR. CADY. Second term, MR. WRIGHT.

A brief study of the beginnings of the English drama, followed by an intensive study of Lyly, Marlowe, Greene, Peele, and Shakespeare.

s 47. ENGLISH LITERATURE, 1660-1780.

Credit, 1 or $\frac{1}{2}$ course. C. or G. Five hours a week. Both terms. First term, MR. GOODE. Second term, MR. PAINE.

Some attention to Continental Influences.

s55b. VICTORIAN POETRY.

Credit, $\frac{1}{2}$ course. C. or G. I, II. Five hours a week. First term, MR. BOOKER.

A companion course to English 55a, dealing with the poetry of the Victorian era. The chief emphasis will be on the works of Tennyson and Browning.

s 75. RESTORATION AND EIGHTEENTH CENTURY DRAMA.

Credit, 1 or $\frac{1}{2}$ courses. C. or G. Five hours a week. Through both terms. First term, MR. MACMILLAN. Second term, MR. JOHNSON.

A rapid survey of the progress of English drama from the Restoration to Sheridan. Special emphasis will be placed upon the types of drama that flourished during the years 1660-1790 and the influences that determined the theatrical conditions of the period.

s 91. THE TEACHING OF ENGLISH.

Credit, $\frac{1}{2}$ course. C. or G. Five hours a week. First term, MR. HOWELL.

A study of the High School course in English, chiefly from the point of view of literature as a means of training or culture and for good citizenship, but with some attention to the problem of English composition. Graduate students will be required to write a term paper or to present the results of the investigation of a special problem.

For Candidates for the Master's and Doctor's Degrees

s141. RESEARCH IN A SPECIAL FIELD.

Credit, 1 or $\frac{1}{2}$ course. G. Both terms. First term, MR. BOOKER, MR. CADY, and MR. GOODE. Second term, MR. HIBBARD and MR. PAINE.

This course is designed primarily for students writing their theses for the degree of Master of Arts in the Department of English. Open only to graduates whose major is in English.

GEOLOGY

s 1. INTRODUCTION TO GEOLOGY.

Credit, 1 course. Each term. C. I, II, III, IV. Six lectures and eight hours laboratory a week. Through both terms. First term, MR. PROUTY. Second term, MR. SWARTZ. Laboratory fee, \$3.00.

Dynamical and Structural Geology; materials of the earth and the agencies affecting them; processes and their results as a key to the interpretation of the earth's history, with special reference to that of North Carolina. Field and laboratory work. This course is the equivalent of Geology 1, as announced in the University catalogue.

s 2. HISTORICAL GEOLOGY.

Credit, 1 course. Each term. C. I, II, III, IV. Six lectures and eight hours laboratory a week. Through both terms. First term, MR. PROUTY. Second term, MR. SWARTZ. Laboratory fee, \$3.00.

The history of the earth and the evolution of its organisms. Lectures and laboratory work. This course is equivalent of Geology 2, as announced in the University catalogue.

s 11. THE TEACHING OF GEOGRAPHY IN THE HIGH SCHOOL.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term, MR. COBB. This course will be devoted more especially in the methods of teaching American geography. It will also emphasize the use and construction of maps, modeling, neighborhood geography, and geographical influences in commerce and industry. Lectures, laboratory and field work, textbooks, reports and readings.

s 21. INDUSTRIAL GEOGRAPHY.

Credit, 1 course. C. I, II, IV, V. Five lectures and eight hours laboratory a week. First term, MR. COBB. Laboratory fee, \$2.50.

Lectures, library work, and laboratory work. The course deals with man's interaction with his varying environment in the development of industries, and with the geographic conditions of different countries as giving rise to commerce.

s 22. A CONTINUATION OF GEOLOGY s21, stressing commercial relations, will be given in the second term if the number of students applying for it will warrant giving it.

s93-94. SUMMER FIELD COURSE IN GEOLOGY.

Credit, 2 courses. C. or G. I, II. Second term, MR. PROUTY. Prerequisite, General Geology.

A six weeks course in practical field geology, emphasizing economic geology, structural geology, stratigraphic geology, and geological mapping. For particulars, address Prof. W. F. Prouty, Chapel Hill. Fee for course, \$30.00.

GERMAN

NOTE: The German courses offered below are whole courses. In each there will be two meetings per day at non-consecutive periods. Only one of the two following courses s1 and s2 will be given, on the basis of the greater demand; similarly, s4 will be withdrawn if s3 is given. Prospective students are therefore advised to consult with the instructor as early as possible.

s 1. ELEMENTARY COURSE.

Credit, 1 course. E. or C. I, II, III, IV, V. Ten hours a week. First term. MR. METZENTHIN.

This course is intended for beginners in German. Stress is laid on correct pronunciation. The inflections of nouns and adjectives will be thoroughly explained and practiced. Textbook: Vos' *Essentials of German*, fifth edition.

s 2. ELEMENTARY COURSE.

Credit, 1 course. E, or C. I, II, III, IV, V. Ten hours a week. First term. MR. METZENTHIN.

Continuation of German s1. The conjugations and the elements of syntax will be explained and practiced in daily composition work. Dictation. Limited amount of reading of German prose. Textbooks: Vos' *Essentials of German*, fifth edition, and a *Reader*. This course will be omitted if s1 is given (*cf.* Note).

s 3. INTERMEDIATE COURSE.

Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. MR. TOY and MR. METZENTHIN.

This course presupposes the successful study of s1 and s2 or the equivalent. There will be a review of important points of grammar, but much attention will be given to accurate translation. Colloquial exercises, composition, and dictation will be distinct features of the course. Textbooks: Vos' *Essentials of German*, fifth edition, (New York, Henry Holt & Co.); Hewett's *German Reader*, (New York, The Macmillan Company), or a *Reader* of the same grade; Wesselhoeft's *German Exercises*, (Boston, D. C. Heath & Co.). This course corresponds to the first term of German 3-4 as described in the University catalogue. When successfully completed it will be accepted for credit.

s 4. INTERMEDIATE COURSE.

Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. MR. TOY and MR. METZENTHIN.

There will be a review of important points of grammar not fully treated in the previous course, German s3; composition; dictation; wide reading of German prose. Textbooks: Vos' *Essentials of German*, fifth edition, (New York, Henry Holt & Co.); Chiles' *German Prose Composition*, (Boston, Ginn & Co.), or Wesselhoeft's *German Exercises*, (Boston, D. C. Heath & Co.); Schiller's *Der Geisterseher*, (Boston, D. C. Heath & Co.); Freytag's *Die Journalisten*, (Boston, D. C. Heath & Co.)

This course corresponds to the second term of German 3-4 as described in the University catalogue. When successfully completed it will be accepted for credit.

s 21. **ADVANCED COURSE.**

Credit, 1 course. C. or G. I, II, III, IV, V. Ten hours a week. First term. MR. TOY.

Lectures on German literature. Reading and interpretation of Lessing's *Minna von Barnhelm* and Schiller's *Die Jungfrau von Orleans*.

GREEK

(See under Art History.)

HISTORY AND GOVERNMENT**History**s 1a. **FOUNDATIONS OF MODERN HISTORY.**

Credit, $\frac{1}{2}$ course. C. I, II, III, IV. Five hours a week. First term. MR. CONNOR.

A general course dealing with the fundamental factors in modern civilization. The emphasis of the course will rest upon the commercial revolution, European expansion, the Protestant Revolt, colonial and dynastic rivalries. The student passing this course and History s1b will receive credit for History 1. Lectures, textbooks, and readings.

s 1b. **FOUNDATIONS OF MODERN HISTORY.**

Credit, $\frac{1}{2}$ course. C. I, II, III, IV. Five hours a week. Second term. MR. HAMILTON.

A survey of European society and government in the Eighteenth Century, the French Revolution, and the Era of Napoleon. Special attention will be given to the permanent contributions of this period to civilization. The student passing s1a and s1b will receive credit for History 1. Lectures, textbooks, and readings.

s 2a. **FOUNDATIONS OF MODERN HISTORY.**

Credit, $\frac{1}{2}$ course. C. I, II, III, IV. Five hours a week. First term. MR. NEWSOME.

The period covered will be that from 1815-1870—from the Congress of Vienna to the Franco-Prussian War. Emphasis will be placed upon the undoing of the peace of Vienna, the development and spread of the industrial revolution, the growth of nationalism, and the progress in democracy. Lectures, textbooks, and readings. The student passing the course and History s2b will receive credit for History 2.

s 2b. **FOUNDATIONS OF MODERN HISTORY.**

Credit, $\frac{1}{2}$ course. C. I, II, III, IV. Five hours a week. Second term. MR. CALDWELL.

The history of Europe since 1870, political and industrial problems and social legislation, the expansion of Europe, international relations, and the World War. The student passing History s2a and s2b will receive credit for History 2. Lectures, textbooks, and readings.

s14a. **EUROPE SINCE 1860.**

Credit, $\frac{1}{2}$ course. C or G. Five hours a week. First term. MR. WAGSTAFF.

This course will deal primarily with the European state system brought into being with the unification of Germany and Italy. Special emphasis will be placed upon international relations, upon the alliances and conflicts of interests which produced the Great War. Domestic history of the separate European states will be curtailed except in such features as have a bearing upon international questions.

- s 33. HISTORY OF HELLENISTIC GREECE AND THE ROMAN REPUBLIC.
Credit, $\frac{1}{2}$ course. C or G. Five hours a week. Second term. MR. CALDWELL.
A survey of the world into which Rome entered, the political, economic, and social conditions of the Eastern Mediterranean, Hellenistic Art, literature, and religion, the establishment and growth of Roman culture, the Roman Revolution, and the foundation of the Empire.
- s 35. MEDIEVAL HISTORY.
Credit, $\frac{1}{2}$ course. C or G. Five hours a week. Second term. MR. CALDWELL.
A survey of the foundations of the Middle Ages and a careful study of the political history, institutions, political, social and economic, the church, the cathedrals, and the universities of the time of the Renaissance.
- s54b. THE ANTE-BELLUM PERIOD, 1840-1860.
Credit, $\frac{1}{2}$ course, C or G. Five hours a week. First term. MR. NEWSOME.
A social, economic and political study of the period 1840-1860 in the history of the United States; National expansion, the regime of negro slavery, sectional conflicts, the rise of the Southern Rights movement, and the causes of the stroke for Southern Independence. Textbook, lectures, readings, discussions.
- s 56. THE RECONSTRUCTION PERIOD.
Credit, $\frac{1}{2}$ course. C or G. Five hours a week. Second term. MR. HAMILTON.
A course dealing with the constitutional, political, social, and economic aspects of the period from the close of the Civil War in 1865 to the restoration of home rule in the South in 1877. Lectures, readings, and reports.
- s 58. CONTEMPORARY AMERICAN HISTORY.
Credit, 1 course. C or G. I, II, III, IV. Ten hours a week. First term. MR. PIERSON.
A course dealing with the political, economic, social, and diplomatic history of the United States from 1898 to 1920. Conservatism, moderation, and radicalism in politics and economics; social legislation. American imperialism and increased participation in international relations; the World War and the problems of peace. Lectures, text books, and readings.
- s 59. HISTORY OF NORTH CAROLINA, 1663-1789.
Credit, 1 course. C. I, II, III, IV or G. Ten hours a week. First term. MR. CONNOR.
General survey of the settlement of North Carolina and its territorial expansion; the origin and development of its political institutions; the influences affecting its growth and development; immigration and the development of social and economic life; political and constitutional controversies; intercolonial and imperial relations, revolution and independence; the adoption of a constitution and organization of the state government; Federal relations and formation of the Federal Union. Lectures, readings, and reports.
- s64a. THE HISTORY OF THE WEST, 1815-1860.
Credit, $\frac{1}{2}$ course. C or G. Five hours a week. First term. MR. NEWSOME.

A study of the westward movement of civilization and the receding frontier in the United States during the period 1815-1860; the conditions and processes of migration; and the social, economic, political and diplomatic importance of the movement. Lectures, readings, discussions.

s 68. INTER-AMERICAN RELATIONS.

Credit, $\frac{1}{2}$ course. C or G. I, II, III, IV. Five hours a week. First term. MR. PIERSON.

A course concerned with the diplomatic relations developed between the states of the western hemisphere from 1810 to the present. The chief interest will be in the relations of the United States and the Hispanic-American countries. In the course such topics will be treated as the problems of recognition, the Monroe Doctrine, expansion, intervention, "headship" of the United States, Pan Americanism, arbitration, trade and cultural relations. Lectures, readings, and reports.

Government

s 35. THE ENGLISH GOVERNMENT.

Credit, $\frac{1}{2}$ course. Five hours a week. C or G. I, II. First term. MR. WAGSTAFF.

A course intended to familiarize the student with the actual operation of the English Constitution and Government rather than to account for their evolution. Lectures and readings.

LATIN

s 1. CICERO'S ESSAYS.

Credit, 1 course. C. I, II. Five hours per week. Both terms. MR. HARRER and MR. SANDERS.

This course consists of a review of grammatical principles, studies in vocabulary, and readings in De Senectute and De Amicitia. It carries the same credit as Latin 1 of the regular sessions. (In 1926 the Department may give this course, if there is sufficient demand.)

s 11. THE TEACHING OF LATIN IN THE HIGH SCHOOL.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. MR. HOWE.

A course for teachers, based on authors usually read in the high school. The topics to be discussed will include: assignment of lessons, grammar, vocabulary, translation, use of outside material in the interpretation of the text, methods of recitation; lectures, assigned readings, reports, and discussions.

s 19. CAESAR.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. Both terms. MR. HARRER and MR. SANDERS.

The course will deal with the reading of Caesar's Gallic and Civil Wars, and with the politics and history of the period.

s 21. VIRGIL.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. MR. HARRE.

The course is designed for teachers who desire to improve their acquaintance with the Aeneid. Translation, study of mythology, and study of meter.

s 52. OVID.

Credit, $\frac{1}{2}$ course. C or G. Five hours a week. First term. MR. HOWE. Readings from the elegy of Ovid and a critical study of the Metamorphoses.

s102. SEMINAR COURSE.

Credit, 1 course. C or G. Five hours a week. Both terms. MR. HOWE. This course is designed for students reading for an advanced degree. Its subject, to be chosen according to the needs of the class, will be the critical study of an author or period in Latin literature.

s105. POST-AUGUSTAN PROSE.

Credit, $\frac{1}{2}$ course. C or G. Five hours a week. First term. MR. HARRER.

A study of the leading writers of prose of the first two centuries after Christ. Reports; translation; discussion.

s110. THESIS COURSE.

First term. MR. HOWE and MR. HARRER.

For graduate students only who desire to work on their dissertations for an advanced degree. Individual topics, and individual conferences. The work carries credit only in connection with the completed dissertation.

LIBRARY SCIENCE

s 1. LIBRARY ORGANIZATION AND METHODS.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. MR. BAKER.

An elementary course in the organization and management of school and public libraries. (a) General lectures on book selection and buying; children's reading; reference work with pupils in the high schools and grades; materials for declaiming, essay writing, and debating. (b) Technical lectures on the care of books; accession records: classification; cataloguing, charging systems, binding and mending books; care of periodicals and pamphlets. (c) Practice in the University Library. (d) Assigned readings.

s 2. CLASSIFICATION AND CATALOGUING.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. MISS THOMPSON.

A course devoted to the careful, detailed study of the principles of classification and cataloguing and their application in the administration of school, public, and college libraries. Lectures, assigned readings, and text-books, with required practice in the University Library.

s 3. THE USE OF BOOKS.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. BAKER.

A course for college students, teachers, and librarians on the use of books. Instruction is given as to the kind of information specific reference books, dictionaries, and encyclopedias contain. Special emphasis is laid on methods of finding material for use in the preparation of themes, essays, debates, and orations and of assisting others in finding material in school or public libraries for school use. Practice with the reference books of the University library and the preparation of an extensive list of reading on some subject to be assigned will be required. Lectures, assigned readings, text-book.

MATHEMATICS

s 1. MATHEMATICAL ANALYSIS.

Credit, 1 course. C. I, II, III, IV. Five hours a week through both terms. First term, MR. LASLEY; second term, MR. HOBBS.

A study of functions and their graphs, the limit notion, graphical treat-

ment of rates, mean ordinates, maximum, and minimum, areas, etc., an introduction to the notions of the differential and integral calculus. Graphical solution of equations.

- s 1. (Alg.) ADVANCED ALGEBRA.
Credit, 1 course. C. I, II, III, IV. Five hours a week through both terms. First term, MR. LASLEY; second term, MR. HOBBS.
A course whose purpose is to equip the teacher of Mathematics in the secondary schools with an algebraic background that will enable him to make his work in Algebra more effective. The course will be mathematical in its content with emphasis on the relation of higher algebra. Text: Fine's *College Algebra*.
- s 2. (TRIGONOMETRY) PLANE TRIGONOMETRY.
Credit, 1 course. C. I, II, III, IV. Five hours a week through both terms. First term, MR. MACKIE; second term, MR. LINKER.
A general course dealing with trigonometric functions, unit circle, radian measure, identities, equations, angle sum and difference formulas with especial attention to the solution of triangles, right and oblique, plane and spherical.
- s 3. ANALYTIC GEOMETRY.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. First term, MR. HENDERSON; second term, MR. LINKER.
The algebraic or analytic method in geometry. Special stress is put upon the locus of an equation and the equation of a locus. The conic sections are studied and various other curves, especially the exponential and periodic types. Text: Smith and Gale, *New Analytic Geometry*.
- s 4. DIFFERENTIAL CALCULUS.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. First term, MR. MACKIE; second term, MR. HOBBS.
The derivatives of functions and their applications to geometry and mechanics. Text: Granville *Differential and Integral Calculus*.
- s 5. INTEGRAL CALCULUS.
Credit, 1 course. C. I, II. Five hours a week. Through both terms. First term, MR. MACKIE; second term, MR. LINKER.
This course centers around the idea of the definite integral, considering in detail problems arising in geometry and the physical sciences, including length of curves, areas, volumes, moment of inertia, etc.
- s 50. HISTORY OF MATHEMATICS.
Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. HENDERSON.
The historical development of the topics of arithmetic, algebra, geometry, trigonometry, and analytical geometry. Biographical sketches of great mathematicians and their contributions to mathematics.
- s 51. THE TEACHING OF MATHEMATICS.
Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. HENDERSON.
The purpose, value, and content of courses in high school mathematics; applications of mathematics; junior high school mathematics. Recent changes in the methods of studying mathematics. A careful study will be made of the recommendations of The National Committee on Mathematical Requirements.
- s 53. ANALYTIC PROJECTIVE GEOMETRY (Continuation of s52.)
Credit, 1 course. C or G. I, II. Five hours a week. Through both terms. First term, MR. LASLEY; second term, MR. HOBBS.

An introduction to homogeneous coördinates and their application, projective correspondencies, duality, ideal elements, conics, callenations and invaluations in one dimension.

NOTE: Anyone who has had Math. s52 may elect s53 for an additional credit of one course. One may take s53 without having taken s52.

MUSIC

NOTE: All registrations in music, whether for courses or private instruction, must be made through the head of the department, Mr. Weaver, either in Peabody Building or in No. 14 New West, and, if desired for credit in the College of Liberal Arts, must be approved by Dean Hibbard.

- s 1. GENERAL PROBLEMS OF MUSIC SUPERVISION.
Credit, $\frac{1}{2}$ course. C. Five hours a week. First term. MISS HAYES. A survey and study of the problems of school music teaching. This course is planned as a supplement to the methods courses listed below, and all special teachers of music should register for both this course and for one or more of the courses in methods. The underlying pedagogical, psychological, and musical principles of the different series of music texts will be studied and compared.
- s 2. PUBLIC SCHOOL MUSIC METHODS, PRIMARY GRADES.
Credit, $\frac{1}{2}$ course. C. Five hours a week. Sections I and II, first term. Section I, MISS PRATT. Section II, MISS HAYES. Materials and methods for grades one to three inclusive; rote songs, singing games, etc.; preparation for and beginning of the sight-reading process; appreciation of music. Students in this course must register for s5 also if they have not already passed this course or its equivalent. Sections I and III are based on the Progressive Music Series, Section II is based on the Hollis Dann Music Series.
- s 3. PUBLIC SCHOOL MUSIC METHODS, GRAMMAR GRADES.
Credit, $\frac{1}{2}$ course. C. Five hours a week. First term. MISS PRATT. Materials and methods for grades four to seven inclusive. Sight-reading problems, part-singing, appreciation of music, instrumental classes, etc. Prerequisite, courses s2 and s5 or their equivalents. Students in this course must register for s6 also if they have not already passed this or its equivalent. Section I and III are based on the Progressive Music Series, Section II is based on the Hollis Dann Music Series.
- s 4. HIGH SCHOOL MUSIC.
Credit, $\frac{1}{2}$ course. C. Five hours a week. First term. MR. MCCORKLE. Organization and planning of courses in music for high schools; conducting, grading, voice-testing, etc.; glee clubs; vocal and instrumental classes.
- s 5. SIGHT-SINGING AND EAR-TRAINING, ELEMENTARY.
Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term, MISS PRATT. A beginner's course in the process of reading music at sight and in recognizing and reproducing music at first hearing. The So-fa syllables are used, and the material is such as would be read in the first three grades. This course should be taken simultaneously with course s2, but is also open to students not taking s2.
- s 6. SIGHT-SINGING AND EAR-TRAINING, ADVANCED.
Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. MISS HAYES.

A continuation of course s5, open to any student who can do the work outlined therein. The material for this course is such as would be read in grade 4 to 7. This course should be taken simultaneously with course s3, but is also open to students not taking s3.

s 7. APPRECIATION OF MUSIC.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. Mr. McCORKLE.

An illustrated course, taking up various phases of the subject from the standpoint of presentation in the public schools. No previous musical training is necessary for students entering this course.

s 8. HISTORY OF MUSIC.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. Mr. WEAVER.

A general survey of music history from its beginnings to the present time, profusely illustrated with songs and various types of instrumental music. A lecture course, with assigned reading and reports. This course does not require any previous musical training.

s 9. HARMONY.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. First term. Mr. WEAVER.

A beginner's course in elementary harmony. Prerequisite, ability to read music notation.

s 10. KINSCHELLA CLASS METHOD OF PIANO INSTRUCTION.

MISS KINSCHELLA.

(June 21-July 3) Sec. I for beginners in the method. Section II for students who have completed Section I. Fee, \$25.00 for students regularly enrolled in the Summer Session; for all others, \$30.00.

s 11. VOICE LESSONS.

First term, Mr. TROXELL and Mr. TRUSSELLE.

s 12. PIANO LESSONS.

First term, Mr. VARDELL and Mr. TRUSSELLE.

s 13. ORGAN LESSONS.

First term, Mr. VARDELL.

s 14. VIOLIN LESSONS.

First term, Mr. McCORKLE.

s 15. BRASS AND WOODWIND LESSONS.

First term, Mr. McCORKLE.

Fees for Music Lessons:

Voice under Mr. Troxell (s11): six private lessons and six class lessons, \$18.00; twelve private lessons and six class lessons, \$30.00; twelve semi-private lessons (with two students present) and six class lessons, \$15.00.

Piano under Mr. Vardell (s12): twelve lessons, \$18.00.

Voice or piano under Mr. Trusselle (s11 or s12): twelve lessons, \$12.00.

Organ under Mr. Vardell (s13): twelve lessons, \$24.00. A charge will be made for the use of a practice organ.

s 16. DALCROZE EURYTHMICS.

First term. MISS REUSCHEL.

A course in rhythmic gymnastics, correlating bodily movements with rhythmic impulses. This course is intended especially for teachers and for music students. *The special fee for this course is \$10.00 for the term, with one period of work daily.*

PHYSICS

- s 1. GENERAL PHYSICS. Part 1.
Prerequisite, Mathematics 1-2.
Credit, 1 course. C. Twelve hours a week. First term. MR. PATTERSON and MR. STUHLMAN.
Mechanics of solids, liquids and gases; sound. Five lectures and seven laboratory hours a week. This course is the equivalent of the first term of Physics 1-2 as scheduled in the University catalogue. Text-book: Kimball, *College Physics*. Laboratory fee, \$2.50.
- s 2. GENERAL PHYSICS. Part 2.
Prerequisite, Mathematics 1-2.
Credit, 1 course. C. Fourteen hours a week. Second term. MR. PLYLER and MR. DAUGHERTY.
Heat, electricity, magnetism and light. A continuation of s1. Six lectures and eight laboratory hours a week. This course is the equivalent of the second term of Physics 1-2 as scheduled in the University catalogue. Laboratory fee, \$4.00.
- s 13. TEACHERS' COURSE.
Prerequisite, Physics 1.
Credit, 1 course. C. Ten hours a week. First term. MR. PATTERSON and MR. STUHLMAN.
Five recitations and five laboratory periods a week. The course is designed for teachers who wish a review of the subject, with some suggestions on teaching, and on building and purchasing apparatus. Millikan and Gale's *Practical Physics* will be used, and Laboratory Manual of Millikan, Gale, and Bishop. Laboratory fee, \$2.50.
NOTE: The department also offers each summer advanced courses in physics which may be counted toward either an undergraduate or a graduate degree, and which are intended to help teachers who are working toward a degree, or who desire better preparation in physics along modern lines.
The choice of course to be given is governed by the demand, as shown by the number of applications previously sent in. Those wishing such advanced training are urgently requested to indicate as early as possible their choice of course to be offered, from the following:
- s 5. HEAT AND THERMODYNAMICS.
- s 6. MECHANICS AND WAVE MOTION.
- s 7. MODERN ELECTRICAL THEORY.
- s 8. ADVANCED ELECTRICITY AND MAGNETISM.
- s 9. OPTICS.
MR. STUHLMAN will give the course chosen in the first term, MR. PLYLER in the second term.

PSYCHOLOGY

- s 1. GENERAL PSYCHOLOGY: First Half.
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. First term. MR. CRANE and MR. ROGERS.
The aim of the course is to present the essential phenomena of the general field of psychology, and the various theoretical and experimental methods of its approach. Lectures and experiments. This is equivalent to the first half of Psychology 1-2 scheduled in the University catalogue. This course, with course s2, or equivalent, is prerequisite to all other courses in Psychology. Offered during first term only. Laboratory fee, \$1.00.

- s 2. **GENERAL PSYCHOLOGY: Second Half.**
Credit, 1 course. C. I, II, III, IV, V. Ten hours a week. Second term. MR. ROGERS and MR. BAGWELL.
Continuation and completion of course Psychology s1. Equivalent to second half of Psychology 1-2 scheduled in University catalogue. This course, with s1, is prerequisite to all other courses in psychology. Offered during second term only. Laboratory fee, \$1.00.
- s104a. **ADVANCED GENERAL PSYCHOLOGY: First Half.**
Credit, $\frac{1}{2}$ course. G. Five hours a week. First term. MR. CRANE and MR. ROGERS.
An intensive study is made of the general field of psychology, by the use of selected readings from many sources and of typical experiments. This course is designed especially for those mature students whose foundation in psychology needs review and strengthening before electing special courses in the subject. Laboratory fee, \$1.00. Offered during first term only.
- s104b. **ADVANCED GENERAL PSYCHOLOGY: Second Half.**
Credit $\frac{1}{2}$ course. G. Five hours a week. Second term. MR. ROGERS and MR. BAGWELL.
Continuation and completion of course Psychology s104a. Offered during second term only. Laboratory fee, \$1.00.

ROMANCE LANGUAGES

French

- s 1. **ELEMENTARY COURSE.**
Credit, 1 course. E. Ten hours a week. First term. MR. HARONIAN.
Essentials of French Grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible, with much oral work.
- s 2. **ELEMENTARY COURSE.**
Credit, 1 course. E. Ten hours a week. Second term. MR. WRIGHT.
Continuation of French s1.
- s 3. **CONTINUATION OF FRENCH 1-2.**
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Both terms. First term, MR. HOLMES. Second term, MR. WRIGHT.
Reading of modern French literature, frequent composition, and dictation.
- s 4. **CONTINUATION OF FRENCH s3.**
Credit, 1 course. C. I, II, III, IV, V. Five hours a week. Both terms. First term, MR. HARONIAN. Second term, MR. HUSE.
- s 5. **INTRODUCTION TO THE STUDY OF FRENCH LITERATURE.**
Credit, 1 course. C. I, II, III, IV. Five hours a week. Both terms. First term, MR. LEARNED. Second term, MR. HUSE.
A general survey of French literature during the 17th century, with some reference to preceding literary movements. Reading of plays of Corneille, Racine, and Molière.
- s 6. **MODERN FRENCH LITERATURE.**
Credit, 1 course. C. I, II. Prerequisite, French 5. Five hours a week. Both terms. MR. HOLMES.
A general survey of French literature since the classical period, with special stress on the 19th century.

s 14. FRENCH PHONETICS.

Credit, 1 course. C or G. I, II. Prerequisite, French 5. Five hours a week. Both terms. First term, MR. LEARNED. Second term, MR. HUSE. A detailed study of the French vowel and consonant sounds by the phonetic method. This course is required of candidates for the master's degree, and it should be elected by anyone who intends to teach French.

s 18. FRENCH DRAMA.

Credit, 1 course. C or G. I, II. Prerequisite, French 6. Five hours a week. Both terms. MR. HOLMES.
A rapid survey of the French drama from the beginning to the 19th century.

s121. OLD FRENCH.

Credit, 1 course. Five hours a week. Both terms. First term, MR. LEARNED. Second term, MR. HOLMES.
Lectures on French Phonology and Morphology. Reading of some of the oldest texts.

s141. RESEARCH.

Open to graduates only. Both terms.
Research in a special field under the direction of a member of the department.

Spanish

s 1. ELEMENTARY COURSE.

Credit, 1 course. E. Ten hours a week. First term. MR. ADAMS.
Essentials of Spanish grammar. Special drill in pronunciation. It is aimed to make this course as practical as possible.

s 2. ELEMENTARY COURSE.

Credit, 1 course. E. Ten hours a week. Second term. Mr. ———.
Continuation of Spanish s1.

s 8. TEACHERS' COURSE. Spanish Phonetics.

Credit, ½ course. C. I, II. Five hours a week. First term. MR. ADAMS.
A detailed study of the Spanish vowel and consonant sounds. Discussion of teachers' problems.

s18a. MODERN SPANISH DRAMA.

Credit, ½ course. C or G. I, II. Five hours a week. First term. MR. LEAVITT.
A study of the most important dramatic works of Dicenta, Benavente, Arniches, Linares Rivas, etc. Written and oral reports.

s18b. MODERN SPANISH DRAMA.

Credit, ½ course. C or G. I, II. Five hours a week. Second term. Mr. ———.
A study of the most important dramatic works of Marquina, Martinez Sierra, the Alvarez Quintero brothers, etc. Oral and written reports. (Credit will be given for s18a or s18b if taken separately.)

s20a. CERVANTES.

Credit, ½ course. C or G. I, II. Five hours a week. First term. MR. LEAVITT.
A study of the works of Cervantes, with particular emphasis on the *Quijote* and the *Novelas Ejemplares*. Oral and written reports.

s141. RESEARCH.

Open to graduates only. Both terms.

Original investigation under the direction of a member of the department.

RURAL SOCIAL ECONOMICS

s 10. RURAL SOCIAL PROBLEMS.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. BRANSON.

Intensive studies of (1) the solitary farmstead and the country community, (2) farm tenancy, (3) country illiteracy, (4) rural health, (5) the country school, (6) rural citizenship, (7) the country church. Special laboratory studies for graduate students. Required text: Boyle's *Rural Problems in the United States*. Collateral readings: *Report of Roosevelt's Country Life Commission*, Plunkett's *Rural Life Problems of the United States*, Fiske's *Challenge of the Country*.

s 12. RURAL ECONOMICS.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. HOBBS.

A formal course in Rural Economics; a background for defining and interpreting the economic problems of country life in North Carolina and the South. Our agricultural resources, our farm systems, our rural life conditions, and our rural economics problems. (1) Historical sketch of modern agriculture, with special studies in developing southern agriculture, (2) the economics of agriculture, (3) land, labor, and capital as factors in agricultural production and ways of economizing these factors, (4) the distribution of agricultural products and agricultural income, (5) farm tenantry—its origin, advantages, disadvantages, and remedies, (6) rural credits, (7) coöperation in farm enterprises and rural activities, (8) well-balanced farm systems.

s 13. LABORATORY COURSE IN RURAL SOCIAL PROBLEMS.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. HOBBS and MR. BRANSON.

This course is open to students taking s11 and s12. The studies concern matters of state-wide importance. They cover rural, urban, and industrial problems, economic and social. The subjects and methods are indicated by the 1500 studies already made by the Summer School and regular term students of the University during the last eleven years, and given to the public in part in various issues of the University News Letter, and the North Carolina Club Year Books, 1915-16, and 1916-17, 1917-18, 1919-20, 1920-21, 1921-22, 1922-23, and 1923-24.

Students from other states will be assigned to similar studies of their home states. The consultation hour is 3:00 o'clock daily; but the work can be done in the laboratory headquarters at any time suiting the convenience of the students enrolled.

s 14. LABORATORY COURSE IN RURAL SOCIAL PROBLEMS.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. Second term. MR. HOBBS.

s 20. NORTH CAROLINA: ECONOMIC AND SOCIAL.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. Repeated in second term. MR. HOBBS.

This course is designed to familiarize the student with North Carolina: social areas, population, agriculture, resources, social life, industrial development, wealth and welfare. This course is valuable for teachers whose subjects deal with North Carolina.

s 21. BRIEF HISTORY OF AGRICULTURE.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. Second term. MR. HOBBS.

This course outlines the history of agriculture from its earliest beginnings to the present. Earliest beginnings, Rome and Greece; later agriculture in Europe; history of American agriculture.

SOCIOLOGY

s1ab. PRINCIPLES OF SOCIOLOGY.

Credit, 1 course. C. I, II. Five hours a week. Both terms. MR. MEYER.

A study of the ranges of human experience and relationship through the analysis of social population, social forces, social processes and social products. Efforts will be made to study carefully social principles and their practical applications, and to learn not only social structure and social function, in general, but the possibilities and prospects of guiding the activities of social groups and social forces. Institutional modes of conduct will occupy a large place in the final consideration and conclusions.

s2ab. ADVANCED PRINCIPLES OF SOCIOLOGY.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. Both terms. Either term may be taken for credit of $\frac{1}{2}$ course. MR. ODUM and MR. BROOKS.

An advanced course utilizing Park and Burgess' source book on "The Principles of Sociology" with discussions of human nature, social origins, social forces, social organization.

s10ab. THE STUDY OF SOCIAL PROBLEMS.

Credit, 1 course. C or G. I, II. Five hours a week. Both terms. Either term may be taken for a credit of $\frac{1}{2}$ course. MR. ODUM and MR. MEYER. Three Parts: I. The Development of the Individual. II. Problems of the Institutions. III. Problems of Democracy, Social Organization and Public Welfare. Problems of the family, town, county, race, industry.

s11a. THE FAMILY AND ITS PROBLEMS.

Credit, $\frac{1}{2}$ course. C or G. I, II. Five hours a week. First term. MR. BROOKS.

A study of the early forms of the family and primitive society, its historical development during the Greek and Roman mediaeval periods and the modern family and its problems.

s23a. THE THEORY OF PLAY AND RECREATION.

Credit, $\frac{1}{2}$ course. C. I, II. Five hours a week. Each term. MR. MEYER.

The theory of play and recreation is studied in this course. The play movement is given with emphasis on the present need of play and how play is promoted. A study is made of the play instincts,—hunting, fighting, and housing as illustrations. Sex and age differences are given. Classification of movements and interest form a helpful section. The physical, mental, moral, social, and preventive values in play and recreation are studied and stressed. The text used is interesting and offers many helpful suggestions to those interested in play and recreational activities.

s122ab. GRADUATE SEMINAR. PROBLEMS OF RESEARCH.

Credit, 1 course. C or G. I, II. Five hours a week. Both terms. MR. ODUM.

A graduate course in the scope and methods of social research, with each student having a special problem of research as illustrative material.

s123ab. **ADVANCED SOCIAL THEORY AND HISTORICAL SOCIOLOGY.** Credit, 1 course. C or G. I, II. Five hours a week. Both terms. MR. ODUM.

A study of the classical social theorists from Plato to Comte, from Herbert Spencer to contemporary social theorists, Lichtenberger's *Development of Social Theory* with discussions and readings.

SPECIAL INSTITUTES.—See pages 83-84 for special Institutes of Public Welfare and lectures and short courses in social work.

ZOOLOGY

s1(a). **FUNDAMENTALS OF ANIMAL BIOLOGY.** (Required accompanying course Zoölogy s1(b).)

Credit, $\frac{1}{2}$ course. C. I, II, III, IV, V. Lectures six hours a week. First term. MR. BEERS.

Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1 (b). Elements of Anatomy, Physiology, and classification of animals.

s1(b). **PRACTICAL STUDIES IN ANIMAL BIOLOGY.** (Required accompanying course Zoölogy s1(a).)

Credit, $\frac{1}{2}$ course. C. I, II, III, IV, V. Lectures two hours a week, and laboratory eight hours each week. First term. MR. BEERS.

Sophomore, Junior, and Senior elective. Required accompanying course, Zoölogy 1(a). Dissection of animals and study of tissues, to give foundation for an understanding of the organization and functions of vertebrate animals and especially of man. Laboratory fee, \$5.00.

PART III—NORMAL SCHOOL DIVISION

Normal School Courses

The Normal School Division of the Summer School is operated under the supervision and direction of the School of Education.

The courses offered in this department are designed in accordance with the teacher-training curricula outlined by the North Carolina State Department of Education, and for their satisfactory completion credit toward renewing or raising the grade of state elementary-school certificates will be granted. In a number of these courses credit may be earned toward the degree of A.B. in Education. Students applying for admission to these courses must meet the same entrance requirements as are met by students applying for admission into the regular college courses.

Outlines of the teacher-training curricula recommended by the State Department of Education may be had from the State Department of Education. The first two groups of courses (units 1 and 2) constitute the requirement to be met by a high school graduate in obtaining the lowest grade of state elementary school teacher's certificate (Elementary B). Units 1 to 5 inclusive are required for the Elementary A certificate. The remaining groups include the requirements for raising a certificate to the Primary C or Grammar Grade C class.

Courses marked "N" rather than "s" are not now offered by the University during the regular academic year and are therefore not granted full academic credit toward a degree. Normal school diplomas will be issued by the School of Education to graduates of accredited high schools who complete satisfactorily the nine groups of study which are outlined in accordance with the requirements of the State Department of Education. The State Department of Education will promptly issue an appropriate teacher's certificate to any person presenting such a diploma from the University.

The courses described below, unless otherwise indicated, will be given in the first term. All courses for which there is sufficient demand will be repeated in the second term. A later bulletin to be issued about July 1 will show specifically the courses to be given in the second term and the instructors who will conduct them.

Teachers who can possibly do so should make their plans to remain through both terms. By doing this two units of the uniform curricula may be completed in one summer. Thus the double session which we operate will enable the ambitious and progressive teacher to finish in four and one-half summers the complete program of 9 units outlined by the State Department of Education for the primary and grammar grade certificates of class C.

The Uniform Curricula

To secure the elementary B certificate, graduates of accredited high schools must have credit for two summer school units as outlined in the uniform curricula. This means that it will be necessary for a high school graduate to secure credit for units 1 and 2 of the uniform curricula to qualify for the elementary B certificate.

All beginning teachers should remain regular. Teachers who were regular last summer, that is, those who took all of unit 1 as outlined, should remain regular summer by summer and unit by unit throughout the entire curriculum leading to the certificates which they are seeking. This means that if a teacher completed unit 1 last summer, she should take unit 2 this summer; if she completed units 1 and 2 last summer, she should next take unit 3, and so on.

Teachers who have already begun their course of training in one of the uniform curricula in some other summer school are strongly urged to remain in that school until they satisfy the requirements for the certificate for which they are working. Those who completed unit 1 in some other summer school last year are advised, as a rule, to return to the same summer school for the second unit in 1926, unless there is perfectly good reason why a change is desirable. The practice of changing from one summer school to another from summer to summer is strongly discouraged by the University Summer School.

Courses Leading to Class A Certificates

Teachers who hold primary or grammar grade certificates of classes C and B will not be allowed certification credit for work chosen from the uniform curricula. Such teachers will find ample opportunity in the regular college courses of the University Summer school to pursue both academic and professional courses leading to the bachelor's degree and to Class A certificates.

It is the purpose of the Summer School to set up special groupings of courses, and additional courses for both primary and grammar grade teachers who hold certificates of Classes C and B, the completion of which will lead to Class A certificates. Detail directions and all other necessary information regarding the courses for which holders of Primary and Grammar Grade Certificates of classes C and B should register may be had at the time of registration. Units 1 and 5 are shown on pages 75-76.

EDUCATION

- N 1. INTRODUCTION TO TEACHING. (State Catalogue No., Educ. 11X) Credit, 2 s. hrs. N. First term, MISS CAMP. Second term, MISS HATCHER.

An introductory study of the work of our public schools, the business of teaching, etc. It should serve to orient the student in the fields of education. Frequent observation should be made in the training school to enable the students to study child nature, teacher qualifications, and the specific problems involved in each field of work, as the primary, intermediate and grammar grade.

- N 2. ELEMENTARY SCHOOL PRACTICE. (State Catalogue No., Educ. 12X). Credit, 2 s. hrs. N. First term, MISS DEBERRY. Second term, MISS VAUGHAN.

An effort is made in this course to acquaint the student with as much general technique as the time given will allow. Based on the elementary course of study, such topics as the following will be treated: selection and organization of subject matter; types of lessons; the recitation; socialized recitation; the project and problem method; lesson plan; teaching children to study, etc. Much use will be made of the training school.

- N 3. SPECIAL PRIMARY METHODS: Reading. (State Catalogue 23P). Credit, 2 s. hrs. N. First term, MISS HUGHES. Second term, MISS HATCHER.

The psychology of reading: historic development of methods, as A, B, C, word sentence, etc.; pre-primer reading; phonics; suitable reading material; the place of oral and silent reading; recent investigations in reading; diagnostic and remedial steps; minimal essentials. Much use will be made of the training school.

- N 4. SPECIAL PRIMARY METHODS: Language, Story Telling, and Dramatization. (State Catalogue No., Educ. 35P). Credit, 2 s. hrs. N. First term, MRS. LARSON. Second term, MRS. LARSON.

The place of oral and written language; nature study, games, stories, pictures, projects and other activities as a basis for language work; story telling—principles underlying, choice of material, learning and telling a selected number; dramatization, its educational value, relation to other subjects and place in the primary grades; spelling, kind and quantity, methods of teaching, recent investigations of, etc. "All these subjects should be unified and regarded as the beginnings of a child's English experiences." Much use will be made of the training school.

- N 5. SPECIAL PRIMARY METHODS. Primary Number and Projects. (State Catalogue No., Educ. 56P). Two Sections, I and II. Credit, 2 s. hrs. N. First term, MISS BRENNAN. Second term, MISS BRENNAN.

The psychology of arithmetic; development of number concept in primary grades; the place of drill; kind and amount of formal arithmetic in these grades; history of arithmetic and the development of methods; projects in nature study, games and other activities as a basis for the formal number work; value of standardized tests and scales. Much use will be made of the training school.

- N 6. PRIMARY CURRICULUM. (State Catalogue No., Educ. 67P). Credit, 2 s. hrs. N. First term, MISS DEBERRY. Second term, MISS HATCHER.

The aims and objectives of education in the primary grades; subject matter and school activities necessary to obtain these aims and objectives; study of the State Course of Study in the light of these; organization of primary curriculum; the place of projects and child activities as a basis for this organization. Much use will be made of the training school.

- N 7. OBSERVATION AND PARTICIPATION. Optional. (State Catalogue No., Educ., 88X). Credit, 2 s. hrs. N. First term, MISS DEBERRY.

This course is distinct from the observation which accompanies method courses, or other professional courses. It has in mind the development of certain general technique; to give students an opportunity to familiarize themselves with the real problem of teaching. In this course special attention should be given to: physical condition of class room, as heating, lighting, etc.; health of children, as seating, posture, etc.; class room, etc.; routine of record keeping, grading papers, etc. A minimum amount of actual participation should be provided. This is the transition course leading to Supervised Practice Teaching which should come later in the curriculum.

- N 8. SCHOOL MANAGEMENT. (State Catalogue No., Educ. 24X). Credit, 2 s. hrs. N. First term, MR. PHILLIPS. Second term, MR. GRIFFIN.

The primary object of this course is to give the student the fundamental knowledge of what is involved in the conduct of a school. Among the topics treated are: the aims of education; personal qualifications of a good teacher; discipline; program making; daily schedule; classification and graduation; school hygiene; supervised study; school ethics. Frequent use will be made of the training school.

- N 10. GRAMMAR GRADE METHODS: Language, Composition, Reading. (State Catalogue No., Educ. 23G). First term, MISS SMITH. Second term, MISS KETCHIN.

A study of recent experimental investigations in these subjects; the minimum essentials in each grade in each subject; the respective value of oral and silent reading; of oral and written composition; different methods of teaching; value of projects in organizing and motivating the work. Much use will be made of the State Course of Study. Systematic observation in the training school will be required.

- N 11. GRAMMAR GRADE ARITHMETIC. (State Catalogue No., Educ. 55G).
Credit, 2 s. hrs. N. First term, MISS BRENNAN. Second term, MISS BRENNAN.
A reasonable knowledge of the subject matter is presupposed. Among the topics considered will be: Elementary psychology of arithmetic; the value and place of drill; problem solving; diagnosis of difficulties and remedial measures; methods of teaching; sources of problems; place of arithmetic in the elementary school curriculum. Systematic observation in the training school required. State Course of Study, State adopted texts and a professional book on the teaching of arithmetic will be used as a basis for the course.
- N 12. GRAMMAR GRADE CURRICULUM. (State Catalogue No., Educ. 66G).
Credit, 2 s. hrs. N. First term, MR. PHILLIPS. Second term, MISS VAUGHAN.
The aim and objectives of education in the intermediate and grammar grades. In the light of these objectives, pupil activities and experiences for their accomplishment. Organization of the grammar grade curriculum around these activities. Growing out of this will come the consideration of the value of projects; minimum essentials, etc. The State Course of Study will be used in conjunction with a text like Bonser's *Elementary School Curriculum* or a similar book.
- N 13. GRAMMAR GRADE METHODS: History and Geography. (State Catalogue No., Educ. 98G).
Credit, 2 s. hrs. N. First term, MR. GRIFFIN. Second term, MISS VAUGHAN.
In this course emphasis is placed upon both content of geography and history for these grades, and methods of teaching that content. The State Course of Study in these subjects will be criticized and evaluated in the light of the aims of geography and history in the elementary school. Some familiarity will be had of the standardized tests in these subjects. Systematic observation is required in the training school. The State adopted texts, State Course of Study and professional books like Smith's *Teaching Geography by Problems*, and Johnson's *Teaching History* will give the basis for this work.
- N101. PRIMARY READING. Advanced Course.
Credit, 2 s. hrs. N. First term, MISS HUGHES. Second term, MISS HATCHER.
This course will devote but little time to method. It will deal more intensively with such phases of the subject as cannot receive adequate emphasis in the regular methods course. Among the topics which will receive special consideration are: recent investigations of reading ability, and their import; children's interests in reading; analysis of the content of readers now in use; school libraries; reading tests; diagnostic and remedial work.
- N102. TEACHING THE SOCIAL SCIENCES IN THE ELEMENTARY GRADES.
Credit, 2 semester hours. N. First term, MISS FLANDERS. Second term, MISS FLANDERS.
This course will seek to determine the aims of the teaching of civics, geography, and history; to determine to what degree these aims coincide; to find such fields of subject matter as will meet these common aims; to review the experiments in the teaching of the social sciences as are now being made; to introduce the text material which is already available.

ENGLISH

- N 1. ENGLISH COMPOSITION. (State Catalogue No., Eng. 11X).
Credit, 2 s. hrs. N. First term, MR. PHILLIPS. Second term, MISS SUMMERELL.
This subject covers a period of eighteen weeks, or three six weeks terms. The first term is given in the preliminary summer school, that is, the one to procure the elementary B certificate. That work should consist largely in oral and written composition, based on fundamental class weaknesses as revealed in some preliminary tests at beginning of the course. Some opportunity should be given in outlining and preparing speeches which would enhance the teacher's efficiency in the community, as well as in the class room.
- N 2. ENGLISH COMPOSITION. (State Catalogue No., Eng. 22X).
Credit, 2 s. hrs. N. First term, MISS SMITH. Second term, MISS SUMMERELL.
The second term should strive to do two things: give the student an effective address, together with some skill and desirable habits of study. This would involve a knowledge of the fundamentals of English grammar with special attention to sentence structure, syntax and common errors; exercises to develop tone enunciation, articulation; study of phonetics and diacritical markings; the use of dictionaries; encyclopedias; note taking on reading and lectures; outlining.
- N 3. ENGLISH COMPOSITION. (State Catalogue No., Eng. 33X).
Credit, 2 s. hrs. N. Second term, MISS SUMMERELL.
The third term should be a course in advanced composition, oral and written, with emphasis upon the power to collect material, organize ideas and effectively express them in narration, description, exposition, argumentation. Of course this would involve a study of paragraphing, use of words, rhetorical principles, as, unity, coherence, etc.
- N 4. CHILDREN'S LITERATURE. (State Catalogue No., Eng. 74P).
Credit, 2 s. hrs. N. First term, MRS. LARSON. Second term, MRS. LARSON.
A critical study of literature for primary grades; types of literature; Mother Goose, non-sense and fairy tales, fables, myths, legends, nature stories, poetry, etc.; story telling, principles underlying, and practice; study of State Course of Study and State adopted texts; bibliographies and use of the library.
- N 5. READING AND SPEECH. (State Catalogue No., Eng. 95P).
Credit, 1 s. hr. N. First term, MISS HUFHAM. Second term, MISS HUFHAM.
This course is designed to give the student (1) an effective address and ease in oral expression, (2) call attention to desirable qualities in a teaching voice, and (3) some skill in oral and silent reading. Much practice will be given in oral and silent reading for the purpose of improving teacher efficiency in that respect. The use of standardized tests and devices in improving silent reading will be a part of the course.
- N 6. LITERATURE OF GRAMMAR GRADES. (State Catalogue No., Eng. 86G).
Credit, 2 s. hrs. N. First term, MISS SMITH. Second term, MISS KETCHIN.
The purpose of this course is to acquaint the student with the best literature for children; to give him some power in the discrimination of such literature, and to give some knowledge of how to present the liter-

ature. Extensive reading, classification of types of literature, some practice in presenting material, story telling, etc., will constitute the major part of the course. Among the types of literature studied are myths, Bible stories, tales of adventure, chivalry, romance, history, simple narrative and lyric poetry. State Course of Study and State adopted texts should form a basis for this work.

- N 7. AMERICAN LITERATURE. (State Catalogue No., Eng. 74G).
Credit, 2 s. hrs. N. First term, MISS HUFHAM. Second term, MISS HUFHAM.

This course has a twofold purpose: to give a background for English and literature of the grammar grades; to understand American ideals as revealed through a study of its writers. Representative writers will be studied, among them Poe, Lanier, Emerson, Lowell, Whitman, Bryant, Hawthorne, Cooper. Some thought will be given to the history as revealed through a brief study of the lives of these men.

- N101. CONTEMPORARY ENGLISH AND AMERICAN PROSE.
Credit, 2 s. hrs. N. First term, MISS HUFHAM. Second term, MISS HUFHAM.

GEOGRAPHY

- N 1. PRINCIPLES OF GEOGRAPHY. (State Catalogue No., Geog. 31X).
Credit, 2 s. hrs. N. First term, MISS FLANDERS. Second term, MISS FLANDERS.

This is a foundation course for the later study of all geography. Since the major geographical factor in determining the distribution of people, what they do, how they live, etc., is climate, most emphasis will be put upon that topic. Topics: Weather and weather observations; elements of climate; temperature, winds, rainfall; application of these climatic principles to the distribution of population, industries, etc., in climatic regions of the world.

- N 2. GEOGRAPHY AND NATURE STUDY FOR PRIMARY GRADES.
(State Catalogue No., Geog. 62P).
Credit, 2 s. hrs. N. First term, MISS ANDERSON. Second term, MISS ANDERSON.

These subjects are very closely correlated in the primary grades. At the very outset, the function, aim, and place in the primary curriculum should be: primitive life and occupations; observational effects of weather changes and climate on nature and life—what people do; certain physiographic changes and features which could be observed and appreciated; some acquaintance with the out-of-doors, common birds, butterflies, insects, animals, trees, flowers, etc., methods of teaching such material. Use will be made of the State Course of Study, textbooks in geography and nature study, and professional books on these subjects.

- N 3. GEOGRAPHY OF NORTH AMERICA. (State Catalogue No., Geog. 72G).
Credit, 2 s. hrs. N. First term, MISS FLANDERS. Second term, MISS FLANDERS.

In this course major emphasis will be put upon the United States with some consideration to Canada, Alaska and Mexico. The work is organized around problems, illustrative of a very desirable method of teaching Geography. Problems: "Why are the New England State pre-eminently a manufacturing section? Why are the North Central States the granary of the world? Should cotton be king of the South? Account

for the sparseness of population in the West, etc." Complete answers to such questions involve use of the geographic facts of most consequence, and will organize and motivate work. State adopted texts supplemented by considerable reference work form a basis for the course.

- N 4. TYPES OF INDUSTRIES. (State Catalogue No., Geog. 83G).
Credit, 2 s. hrs. N. First term, MISS FLANDERS. Second term, MISS FLANDERS.

This course has both a geographical and sociological point of view. It will emphasize the geographical aspects of industries, as types of manufacturing, agriculture, trade, etc., and at the same time give some knowledge of the opportunities which such fields afford. Such a course might be colored somewhat with the "vocational guidance" motive, but its primary object is to make more intelligible the human occupations, and to prevent a narrow and social occupational point of view.

HISTORY

- N 1. EUROPEAN BACKGROUND. (State Catalogue No., Hist. 31G).
Credit, 2 s. hrs. N. First term, MISS COLEMAN. Second term, MISS CARNEY.

The aim of this course is three-fold, (1) to give the student a grasp of the subject matter for a similarly named course in our elementary schools, (2) to give an interpretive background to our American History, and (3) to give to the student an international viewpoint rather than a more restricted, national one. This course will deal with the economic, social and political life of the Greeks, Romans, Mediaeval life; feudalism, the rise of cities and mediaeval trade; development of the English race; Protestant and Puritan Revolutions; American Colonization—English, French, Spanish.

- N 2a. AMERICAN HISTORY. (State Catalogue No., Hist. 41X).
Credit, 2 s. hrs. N. First term, MISS COLEMAN.

For the first six weeks an intensive study of United States History prior to 1812. Topics: Geographic conditions; colonizing agencies; types of local and colonial government; development of commerce; conflict with England; formation of the Union. Extensive reading and special reports.

- N 2b. AMERICAN HISTORY. (State Catalogue No., Hist. 52X).
Credit, 2 s. hrs. Second term, MISS CARNEY.

During the second term, an intensive study from 1812 through the Civil War and Reconstruction. Much use will be made of biographical study as a means of interpreting the spirit of those days. Extensive reading and special reports.

- N 4. NORTH CAROLINA HISTORY. (State Catalogue No., Hist. 31G).
Credit, 2 s. hrs. N. First term, MISS CAMP.

A general political, economical, social and educational survey of the state. The outstanding feature of its history should be organized around such topics as: Sir Walter Raleigh's attempt at founding a colony; permanent settlements; North Carolina under the king; development of the state; North Carolina during the Revolutionary, Civil and World Wars; the present industrial and educational development.

- N 5. CITIZENSHIP. (State Catalogue No., Hist. 94X).
First term, MISS COLEMAN. Second term, MISS CARNEY.

The course attempts to study local, state and national government in operation, in the concrete. Topics: qualifications for office or representatives of local, state and national officials; suffrage, all steps; taxation; institutions, how supported and function; office holding and our attitude toward it; the citizen and law enforcement.

N 6. HISTORY MATERIAL FOR PRIMARY GRADES. (State Catalogue No., Hist. 73P).

Credit, 2 s. hrs. N. First term, MISS ANDERSON. Second term, MISS ANDERSON.

The aim of this course is to give the student a source of history material for primary grades, together with methods of presentation. Topics: History stories of Indian life; Bible stories; shepherd life; heroes of other lands; pioneers; explorers. Stories for special days, as Thanksgiving, Christmas, etc. Practice will be given in constructing and telling stories suitable for children from biographies, travel, etc. The State Course of Study and State adopted texts will constitute the chief basis for this work.

MUSIC

N 1. ELEMENTS OF MUSIC. (State Catalogue No., Mus. 51X).

Credit, 1 s. hr. N. See Mus. s1, s2, s3, s4, s5, s6.

N 2. MUSIC FOR PRIMARY GRADES. (State Catalogue No., Mus. 92P).

Credit, 1 s. hr. N. See Mus. s2, s7.

N 3. MUSIC FOR GRAMMAR GRADES. (State Catalogue No., Mus 92G).

Credit, 1 s. hr. N. See Mus. s3, s7.

PHYSICAL EDUCATION

N 1. PLAYS AND GAMES: General. (State Catalogue No., Phys. Ed. 11X).

Credit, 1 s. hr. N. First term, MISS COBLE. Second term, MISS COBLE. This course is given in the first summer school in which one begins the course necessary to obtain the elementary B certificate. For the most part the teachers will work in one- or two-teacher schools. The course is designed to make such teachers as efficient as possible on the playground—in play and recreation, in the class room, in matters of health and sanitation, and in the community. Topics: value of play; games suitable for different ages of childhood; playground apparatus; first aid; health crusades; field meets and community fairs.

N 2. PLAYS AND GAMES: Primary. (State Catalogue No., Phys. Ed. 42P).

Credit, 1 s. hr. N. First term, MISS COBLE. Second term, MISS COBLE. Treatment similar to that in Physical Education for Grammar Grades, with special reference to primary grades. The plays, games, etc., would of necessity be quite different because of a different psychological basis.

N 3. PLAYS AND GAMES: Grammar Grades. (State Catalogue No., Phys. Ed. 42G).

Credit, 1 s. hr. N. First term, MISS COBLE. Second term, MISS COBLE. Psychological basis of play; games suitable for children at this stage of mental and physiological development; health habits, in school and out; play and fatigue; good health in relation to citizenship.

NOTE.—Teachers taking courses N1 and N2 will be required to provide themselves with tennis shoes.

Teachers in courses for grammar grades will be required to provide themselves with a uniform to be worn when playing games. This uniform will consist of white middy blouse, black bloomers, and tennis shoes.

In course N3 certain equipment (basketballs, baseballs, etc.) will be required. A 50-cent fee will be charged to cover the cost of equipment.

PSYCHOLOGY

- N 1. CHILD STUDY. (State Catalogue No., Psychol. 41X).
Credit, 2 s. hrs. N. First term, MISS BEUST. Second term, MISS COBB.
This course should consider the development and growth of the child from the mental, moral, physical and social nature. The treatment of these topics should find application in the kind of training and school work which a child needs at the different stages of development. Such topics as: influence of heredity and environment; meaning of infancy; innate tendencies and capacities; the development of attention, memory imagination, thinking, perception, etc., will be considered.
- N 2. EDUCATIONAL PSYCHOLOGY. (State Catalogue No., Psychol. 82X).
Credit, 2 s. hrs. N. First term, MR. NOBLE. Second term, MISS COBB.
A study of original nature, individual differences, the learning process, mental hygiene, in their relation to the elementary school subjects.

SCIENCE

- N 1. PERSONAL AND SCHOOL HYGIENE. (State Catalogue No., Physiol. 51X). Given in two section, I and II.
Credit, 2 s. hrs. N. First term, MISS WILSON. Second term, ————
General, personal and school hygiene; some instruction in anatomy and physiology; cause, transmission and prevention of communicable diseases, with special reference to most common diseases; defects of school children; schoolhouse sanitation; medical inspection; health education programs.
- N 2. GENERAL BIOLOGY. (State Catalogue No., Biol. 41X).
Credit, 2 s. hrs. N. First term, MISS WHITLEY. Second term, ————
This is a foundation course which should give some basis for the study of psychology, sociology, physiology, botany, zoology and other sciences of the curriculum. It should emphasize the broader principles of growth and development. Types of plants and animals will be studied for the purposes of understanding; protoplasm, cells, cell differentiation, cell aggregation, reproduction, etc. Growing out of this should come an understanding of the principles of heredity and some understanding of evolution, eugenics.
- N 3. BIOLOGY (PLANTS). (State Catalogue No., Biol. 62X).
Credit, 2 s. hrs. N. First term, MISS WHITLEY. Second term, ————
This course should attempt two things: (1) through the study of types acquaint the student with the morphology, physiology and reproduction in plants, from the one cell to seed plants, (2) through field work acquaint the student with as much common and local flora as possible. With these two objects in mind the course should function very effectively in the teaching of nature study and elementary science in the elementary school.
- N 4. BIOLOGY (ANIMALS). (State Catalogue No., Biol. 73X).
Credit, 2 s. hrs. N. First term, MISS WILSON. Second term, ————
The aim and method of the course should be similar to that in Biology (Plants). Outstanding characteristics of animal life, from the single cell protozoan to the higher mammalian should be studied. Especial effort should be made to acquaint the students with the common insects, butterflies, beetles, etc., both as to identification and economic importance.

SCHOOL ARTS**N 1. FUNDAMENTALS OF DRAWING.** (State Catalogue No., Draw. 31X).

Credit, 1 s. hr. N. First term, MISS WELLS and MISS BECK. Second term, MISS WELLS.

This course aims to give certain skill which would be fundamental in teaching the drawing of the State Course of Study, as well as skill that would help in the teaching of all subjects of the elementary school curriculum. Abstracted, such topics as these should be considered: color theory; design; perspective; representation; illustration; picture study, etc. Media; charcoal, water colors, crayons, clay, etc. In giving skill in these topics use should be made of content of the elementary curriculum the teaching of which would demand such skill. The method of presentation in this course is a vital consideration.

N 2. DRAWING FOR PRIMARY GRADES. (State Catalogue No., Draw. 72P).

Credit, 1 s. hr. N. First term, MISS WELLS and MISS BECK. Second term, MISS WELLS.

The same general topics as in Fundamentals of Drawing, with especial reference to the primary grades. The work should be closely correlated with all subject matter of the primary grades, but with emphasis upon the art for those grades in the State Course of Study.

N 3. DRAWING FOR GRAMMAR GRADES. (State Catalogue No., Draw. 72G).

Credit, 1 s. hr. N. First term, MISS WELLS and MISS BECK. Second term, MISS WELLS.

The same general topics treated in Fundamentals of Drawing, with particular application to grammar grade subject matter. Design would have especial adaptation to textiles, books, printing of letters, landscape and figure designs on post cards, holiday greetings, posters. The State Course of Study should be used as a basis for this course.

N 4. INDUSTRIAL ARTS. (State Catalogue No., Ind. Arts. 61P).

Credit, 1 s. hr. N. First term, MISS WELLS and MISS BECK.

This course means a great deal more than the commonly conceived notion of "handwork, busy work," etc., in the primary grades; much of that has little or no educational value. "Industrial arts education should give the child an acquaintance with the raw products of nature, and the changes made in them so that they may be more usable for food, clothing, shelter, utensils, record as books, tools, machines, etc." The manipulation and work with clay, textiles, wood, paper, food, printing, and so on, should give to the child such an understanding and should develop standards of judgment and good taste. The work of these grades should center about the needs of the child in its relation to food, clothing, shelter, records, utensils, tools, etc. The method of presentation is a vital part of this course.

SOCIOLOGY**N 1. SOCIAL PROBLEMS.** (State Catalogue No., Sociol. 91X).

Credit, 2 s. hrs. N. See Sociology s10ab.

A general political, economical, social and educational survey of the state. The outstanding feature of its history should be organized around such topics as: Sir Walter Raleigh's attempt at founding a colony; permanent settlements; North Carolina under the king; development of the state; North Carolina during the Revolutionary, Civil and World Wars; the present industrial and educational development.

WRITING

N 1. **WRITING.** Skill. Elective if proficient. (State Catalogue No., Writ. 21X).

Credit, 1 s. hr. N. First term, MISS JONES. Second term, MISS BALDON. A justification for legible handwriting is found in its value in teaching all other subjects, as well as in its social value. This course then should be required of all students who cannot make a reasonable score on the Ayres or Thorndike Scales. The course is primarily for skill.

N 2. **WRITING.** Technique. (State Catalogue No., Writ. 82P).

Credit, 1 s. hr. N. First term, MISS JONES. Second term, MISS BALDON. The psychology of handwriting; teaching writing in the primary grades; blackboard writing, standard scales for judging handwriting. Additional skill may be acquired as the technique of this course is developed.

STATE CURRICULA

I. Primary Curriculum

Completion of the 9 Units of this Curriculum gives the Primary
C Certificate

Education and Psychology

	Credit Sem. Hrs.
Elementary School Practice.....	2
Educational Psychology	2
Child Study	2
Primary Methods (Reading	2
Primary Methods (Story Telling, Language, and Dramatization)...	2
Introduction to Teaching.....	2
Primary Curriculum	2
Observation and Participation..... (Optional)	1
Introductory School Management.....	2
Primary Number and Projects.....	2

19

Fine Arts and Industrial Arts

Fundamentals of Drawing.....	1
Drawing for Primary Grades.....	1
Industrial Arts for Primary Grades.....	1

3

Music

Elements of Music.....	1
Musical Appreciation for Primary Grades.....	1

2

Physical Education

Plays and Games (General).....	1
Plays and Games for Primary Grades.....	1

2

English

English Composition	6
Children's Literature	2
Reading and Speech.....	2

10

Geography

Principles of Geography.....	2
Geography and Nature Study for Primary Grades.....	2
Types of Industry.....	2

6

History and Social Science

American History	4
History Material for Primary Grades.....	2
Citizenship	2
Social Problems	2
or	
Religious Education	2

10

Biology	
General Biology	2
Biology (Plants)	2
Biology (Animals)	2
	6
Writing	
*Writing (Skill)	1
Writing (Technique)	1
	2
Physiology	
Personal and School Hygiene.....	2 or 4
Unrestricted Electives	3 or 4

II. Grammar Grade Curriculum

Completion of the 9 Units of this Curriculum gives the Grammar
Grade C Certificate

Education and Psychology	
Elementary School Practice.....	2
Educational Psychology	2
Child Study	2
Introduction to Teaching.....	2
Grammar Grade Curriculum and Projects.....	2
Observation and Participation..... (Optional)	1
Methods (Language, Composition and Reading).....	2
Methods (Geography and History).....	2
Arithmetic for Grammar Grades.....	2
Introductory School Management.....	2
Teaching of Elementary Science.....	2
	21
Fine Arts and Industrial Arts	
*Fundamentals for Drawing.....	1
Drawing for Grammar Grades.....	1
	2
Music	
Elements of Music..... (Optional)	1
Musical Appreciation of Grammar Grades.....	1
	2
Physical Education	
Plays and Games (General).....	1
Physical Education for Grammar Grades.....	1
	2
English	
English Composition	6
American Literature	2
English Literature	2
Literature for Grammar Grades	2
	12

* Elective if proficient.

Geography

Principles of Geography.....	2
Geography of North America.....	2
Types of Industries.....	2

6**History and Social Sciences**

Citizenship	2
American History	4
European Backgrounds	2
North Carolina	2
Social Problems	

or

Religious Education	2
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12**Biology**

General Biology	2
Biology (Plants)	2
Biology (Animals)	2

6**Writing**

*Writing (Skill)	1
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Physiology

Personal and School Hygiene.....	2 or 4
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* Elective if proficient.

STATE CURRICULA
DISTRIBUTION OF WORK BY SUMMER SCHOOLS

I. Primary Curriculum

Unit No. 1

Educ. 11X	Introduction to Teaching.....	2
Educ. 12X	Elementary School Practice.....	2
Eng. 11X	English Composition	2
Phys. Educ. 11X	Plays and Games (General).....	1

7

Unit No. 2

Educ. 23P	Special Primary Methods (Reading).....	2
Eng. 22X	English Composition	2
Educ. 24X	Introductory School Management.....	2
Writing 21X	*Writing (Skill)	1

7

(Units 1 and 2 required for the Elementary B Certificate)

Unit No. 3

Educ. 35P	Special Primary Methods.....	2
	(Language, Story Telling and Dramatization)	
Eng. 33X	English Composition	2
Geog. 31X	Principles of Geography.....	2
Draw. 31X	*Fundamentals of Drawing.....	1

7

Unit No. 4

Biol. 41X	General Biology	2
Psychol. 41X	Child Study	2
History 41X	American History	2
Phys. Educ. 42P	Plays and Games (Primary Grades).....	1

7

Unit No. 5

Physiol. 51X	Personal and School Hygiene.....	2
History 52X	American History	2
Educ. 56P	Primary Number and Projects.....	2
Music 51X	*Elements of Music.....	1

7

(Units 1 to 5 inclusive required for the Elementary A Certificate)

Unit No. 6

Educ. 67P	Primary Curriculum	2
Biol. 62X	Biology (Plants)	2
Geog. 62P	Geography and Nature Study for Primary Grades.....	2
Ind. Arts 61P	Industrial Arts for Primary Grades.....	1

7

* Elective if proficient.

Unit No. 7

History 73P	History Material for Primary Grades.....	2
Biol. 73X	Biology (Animals)	2
Eng. 74P	Children's Literature	2
Drawing 72P	Drawing for Primary Grades.....	1
		<hr/>
		7

Unit No. 8

Psychol. 82X	Educational Psychology	2
Writing 82P	Writing (Technique)	1
Education 88X	Observation and Participation..... (Optional)	1
Geog. 83X	Types of Industry.....	2
	Elective	1 or 2
		<hr/>
		7 or 8

Unit No. 9

Sociol. 91X	Social Problems	
	or	
Relig. Educ. 91X	Religious Education	2
History 94X	Citizenship	2
Eng. 95P	Reading and Speech.....	2
Music 92P	Music for Primary Grades.....	1
	Elective 2 credits	
		<hr/>
		7

II. Grammar Grade Curriculum

Unit No. 1

Educ. 11X	Introduction to Teaching.....	2
Educ. 12X	Elementary School Practice.....	2
Eng. 11X	English Composition	2
Phys. Ed. 11X	Plays and Games (General).....	1
		<hr/>
		7

Unit No. 2

Educ. 23G	Grammar Grade Methods.....	2
Eng. 22X	(Language Composition and Reading)	
Educ. 24X	English Composition	2
Writ. 21X	Introductory School Management.....	2
	*Writing (Skill)	1
		<hr/>
		7

(Units 1 and 2 required for the Elementary B Certificate)

Unit No. 3

Geog. 31X	Principles of Geography.....	2
Eng. 33X	English Composition	2
Hist. 31G	European Backgrounds	2
Draw. 31X	*Fundamentals of Drawing.....	1
		<hr/>
		7

Unit No. 4

Psychol. 41X	Child Study	2
Biol. 41X	General Biology	2
Hist. 41X	American History	2
Phys. Ed. 42G	Plays and Games (Grammar Grades).....	1
		<hr/>
		7

* Elective if proficient.

Unit No. 5

Physiol. 51X	Personal and School Hygiene.....	2
Hist. 52X	American History	2
Educ. 55G	Grammar Grade Arithmetic.....	2
Music 51X	Elements of Music..... (Optional)	1
		<hr/>
		7

(Units 1 and 2 required for the Elementary A Certificate)

Unit No. 6

Biol. 62 X	Biology (Plants)	2
Hist. 63G	North Carolina History.....	2
Educ. 66G	Grammar Grade Curriculum and Projects.....	2
	Elective	1 or 2
		<hr/>
		7 or 8

Unit No. 7

Eng. 74G	American Literature	2
Biol. 73X	Biology (Animals)	2
Geog. 72G	Geography of North America.....	2
Draw. 72G	Drawing for Grammar Grades.....	1
		<hr/>
		7

Unit No. 8

Psychol. 82X	Educational Psychology	2
Geog. 83G	Types of Industries	2
Eng. 85G	Literature for Grammar Grades.....	2
Educ. 88X	Observation and Participation.....	1
		<hr/>
		7

Unit No. 9

Educ. 98G	Methods: Geography and History.....	2
Sociol. 91X	Social Problems	
Relig. Ed. 91X	or	
Hist. 94X	Religious Education	2
Music 92G	Citizenship	2
	Musical Appreciation for Grammar Grades.....	1
		<hr/>
		7

The teaching of Elementary Science, 2 credits, and English Literature, 2 credits, may be elected for any equivalent credit course of the last four summer schools (6, 7, 8, 9).

COURSES OFFERED TEACHERS HOLDING PRIMARY OR GRAMMAR GRADE CERTIFICATE, CLASS C

Primary—Unit I

Education N 101. Primary Reading—Advanced course.
 English N101. Contemporary English and American Prose.
 Educational Psychology s20.

Grammar Grade—Unit I

Education N102. Teaching the Social Sciences in the Elementary Grades.
 English N101. Contemporary English and American Prose.
 Educational Psychology s20.

**COURSES OFFERED TEACHERS HOLDING PRIMARY OR GRAMMAR
GRADE CERTIFICATE, CLASS C****Primary and Grammar Grade—Unit 5**

Education N103. Tests and Measurements. (See Education s62a and b.)
English s37. Shakespeare: The Comedies.
History s1a, s1b, s2a, or s2b.

PART IV—SPECIAL FEATURES

A varied yet balanced program of instruction, entertainment, and social activities has been provided for each term of the Summer School of 1926.

General admission season tickets for the program of "attractions" for the first term will be sold at \$1.50 to regularly registered students desiring to take advantage of this provision. The price to those not connected with the University will be \$3.00. The single admission charge for tickets will range from 50 cents to \$1.00, totaling \$4.50 for the first term. By purchasing a season ticket, therefore, the Summer School student is given general admission to all the attractions for the term at the price he would pay for single tickets to two performances. Holders of general admission tickets desiring reserved seats for any of the performances may secure them by paying an extra charge of 25 cents each. Tickets may be purchased at the Director's office at the time of registration or at stated hours preceding each performance. The program of "attractions" does not include the "social activities" and "entertainments" put on under the direction of the Y. W.-M. C. A. for which a small charge to cover expenses is made by that organization.

The attractions for the first term to which the holders of general admission season tickets will be admitted are as follows:

1. Troxell-Vardell Concert, June 15.
2. McCorkle Concert, June 22.
3. Coffe-Miller Players, first performance, June 29.
4. Coffe-Miller Players, second performance, June 30.
5. Coffe-Miller Players, third performance, June 30.
6. Paul Fleming, Magician, July 8.
7. Troxell-Vardell Concert, July 15.

The general admission tickets for the program of attractions in the second term will be \$1.00. This program will include four or five attractions. A detailed announcement of the offering will appear in a special bulletin for the second term which will be published about July first.

THE COFFER-MILLER PLAYERS: JUNE 29 AND 30

On June 29 and 30, the Coffe-Miller Players, a celebrated dramatic company of Chicago will present three plays—two evening performances and one matinee. The plays selected for these performances are to be "Love in Livery," "Sleepy Hollow," and one other to be selected.

These players appeared before the 1924 Summer School in three performances, and again in 1925, and gave such general satisfaction to the capacity houses that greeted them on the two previous occasions that they have been engaged to return in 1926.

PAUL FLEMING, MAGICIAN: JULY 8

On the evening of July 8, Paul Fleming, a magician of national reputation, will appear with his company of three persons in a program of legerdemain, mind-reading, pseudospiritualism, and illusions. Fleming takes along with him for use in his entertainments one-half ton of paraphernalia. Prior to his first appearance at Chapel Hill, the press reports from various parts of the United States acclaimed him one of the cleverest of American magicians, and when he appeared before the Summer School in 1925, he measured up to expectations and so pleased the large audiences that greeted him that he has been booked for a return engagement in 1926.

THE TROXELL-VARDELL RECITALS: JUNE 15 AND JULY 15

Two joint recitals will be given by Mr. Troxell and Mr. Vardell of the Music faculty, the first on June 15, and the second on July 15. Mr. Troxell has a tenor voice of unusually fine quality and is a concert artist of national reputation. Mr. Vardell graduated with honors from the Institute of Musical Art, New York City and has earned a prominent place as a concert pianist. Both of these artists are well known to North Carolina audiences, both having given many concerts in the state.

THE McCORKLE RECITAL: JUNE 22

Mr. T. Smith McCorkle, head of the violin department of the University will give a recital on June 22d. Mr. McCorkle has studied under some of the most prominent violin teachers in America, and has played in a large number of recitals in Texas and Kansas, where he has been teaching during recent years. In

his one year of residence at the University he has established himself not only as an outstanding teacher, but as a recital artist of unusual ability. He will be assisted in this program by his wife, Lileta W. McCorkle, a very capable accompanist and pianist.

THE SUMMER SCHOOL BAND

Students expecting to attend the summer school who own band instruments are urged to bring them along when they come to Chapel Hill and to play in the Summer School band, which will be under the direction of Mr. T. Smith McCorkle, Band-leader in the University of North Carolina. Each Sunday afternoon during the first term a Band Concert will be given on the campus.

SPECIAL LECTURES IN MUSIC

Mr. Weaver will give two public lectures during the first summer session, on dates to be announced. One of these will be on the subject "Shakespeare and Music"; the other will be a program of music for little children. The Victor Talking Machine Company will send to the University one of its special Music lecturers, who will give a series of ten public lectures, on dates to be announced, on the subject of Music Appreciation in the Schools.

CONCERTS IN THE SECOND TERM

There will be two concerts given in the second term by artists of national reputation. The details of these concerts will be announced later.

KINSCELLA INSTITUTE: JUNE 21-JULY 3

A special institute for the training of teachers in the Kinscella Method of Class Piano Instruction will be offered from June 21 to July 3 inclusive. Two sections will be held simultaneously by Miss Kinscella; section I for beginners in the work, section II for students who have already completed section I. A demonstration class of children from the Chapel Hill and Carrboro schools will be used. Section I prepares the teacher to give one and one-half years of instruction in this method; Section II prepares the teacher to give four years of instruction, and students completing section II are given a special certificate in the Kinscella Method. Applications for admittance to this course should be sent in advance to Mr. Paul J. Weaver, Chapel Hill, N. C., and should be accompanied

by a check for \$10.00 to apply on the fee. The special fee is \$25.00 for students regularly enrolled in the Summer School, and \$30.00 for special students taking this work only.

DR. SOLOMON GOLDMAN: JULY 5, 6, 7, 8

On July 5, 6, 7, and 8, Dr. Solomon Goldman, a scholarly Jewish Rabbi, of Cleveland, Ohio, will deliver a series of four lectures on the following subjects:

The Legalism of the Talmud.

The Notion of Progress in the Old Testament.

The Jewish Background of Spinoza's Philosophy.

Solomon Ibn Gabirol—Poet and Philosopher.

Dr. Solomon comes to the Summer School under the auspices of the Jewish Chautauqua Society of America. His lectures will be open to the Summer School and the general public without charge.

DENNISON CRAFTS

Miss Etta N. Schaeffer, of the Dennison Manufacturing Company, will give instruction daily in crepe paper work, sealing wax art, and basketry during both terms of the Summer School of 1926.

This will give an opportunity not only to learn how to make costumes and decorate for parties, but to make artistic things to beautify the home.

Very beautiful lampshades can be made of crepe paper and wax. "Scissor Painting" is quite new and is just the thing for decorating pottery.

The rope weaving is the simplest of all basketry and lends itself so well to original design.

School posters, blackboard designs, suggestions for working out projects for the history or geography class, and many other ideas will be presented to simplify the teachers work.

SOCIAL EVENING

Each Saturday evening while the Summer School is in session two programs of entertainment will be provided—one at the Gymnasium under the direction and supervision of the Committee on Social Activities, and one in Gerrard Hall or Memorial Hall under the direction of the Y. W.-M. C. A.

SOCIAL ACTIVITIES

The Committee on Social Activities, H. F. Comer, Chairman, is in control of the Saturday evening socials in the gymnasium, and of all dances given by student groups. It is the policy of the Committee to foster the maximum amount of wholesome social life compatible with good scholastic work. In line with this policy, the essential regulations are kept down to a minimum number. Dances are permitted only on Friday and Saturday and must close at the hours fixed by the committee. Permission for all dances must be obtained in advance from the Chairman of the Committee. The highest standards of conduct have characterized such occasions in the past, and the Summer School insists that this be the case at all times.

More detailed statement of regulations may be found in the Supplementary Announcement to be published in June.

STUDENT CONDUCT

Since the number of college students registered in the Summer School is growing larger each year, the questions of student life and conduct in the summer session approximate more nearly those of the regular college year. The University has very simple but fundamental requirements respecting student conduct. In general, students are expected to be ladies and gentlemen on all occasions, in all relations, and in the fullest sense. In particular, certain specific activities outlawed by the state and nation and discountenanced by the best society everywhere are prohibited. These are drinking, gambling, stealing, cheating and immorality. The rare cases of these offences are handled promptly and firmly by the Committee on Administration.

THE HONOR SYSTEM

All class work at the University has been on the honor basis for a generation. No espionage is practiced by teachers, and students unanimously condemn and punish cheating.

THE Y. W.-M. C. A.

The Y. W.-M. C. A. is a combined organization of Y. W. C. A. and Y. M. C. A. It has a mixed Cabinet of men and women students, about thirty in number, with an employed staff of three Secretaries, two women and one man. This Association serves the

entire Summer School, and in campus vernacular is called simply the "Y." It has headquarters in the Y. M. C. A. building which is located in the heart of the campus. The location of the building typifies the place the Association fills in the life of the community, for it is truly the center of campus activities.

The principal points of the "Y's" program for the summer are the following:

1. Operating the "Y" building, as a Campus Home—or Club for all—having Lobby; Parlor, with piano, victrola, etc.; Reading Room, carrying more than fifteen leading magazines and all daily papers of the state; free Pressing Room, furnishing electric iron; three Committee Rooms; telephone for local and long distance service; ice water, etc. In the building a hostess and host are always present to receive and serve students and their friends. Make the "Y" your home this summer.

2. A distinctive form of campus service is rendered through the "Y" office, in an Information and Lost and Found Bureau. A master Director is kept here, of all students and faculty. All telegrams and long distance calls are handled through this office. Found articles are turned in here and prompt effort is made to locate the owner. Inquiries are also left at the office for lost articles. Any information desired, in fact, may be had here, for if we cannot answer your questions we know who can and will direct you to them.

3. Special attention is given the many visitors who come to the campus throughout the summer. You are invited to instruct your visiting friends to "Report at the 'Y'" and wait in the parlor while we send for you.

4. Religious program is given constant and thorough attention by the "Y" organization, during the summer. It coöperates with the five local churches in their efforts for students. It conducts a Vesper, or 12-minute prayer service every evening immediately following supper. It also conducts a large Vesper at church hour every Sunday evening, with special music and speaker. The several rural churches near Chapel Hill are assisted regularly by a committee of as many students as are willing to serve in this way. If interested, you should ask for a place on the "Y" Cabinet.

5. The Social and Entertainment department is very active all the time. It provides music and general facilities for amusement.

There is a special "Social Hour" every evening before study time. It conducts games and mass play one or two evenings every week. Stunt Night on each Saturday is the most popular single attraction on the campus. This department also conducts picnics, hikes, and various other parties from time to time.

6. A Self-Help Bureau is ever active, assisting any needy students in getting remunerative employment for defraying part of their college expenses.

7. In addition to the above points of program, the "Y" is a general campus and community welfare agency, rendering service wherever needed. The Association solicits the cooperation of every summer school student. Use it, and work through it!

CONFERENCE ON PROBLEMS OF ELEMENTARY EDUCATION:

June 24, 25, 26

June 24, 25, 26, a three-day conference on problems of Elementary Education in North Carolina will be held at Chapel Hill. This conference is sponsored jointly by the State Department of Education and the Summer School. It will be presided over by Honorable A. T. Allen, State Superintendent of Public Instruction.

Five major problems will be considered by the conference:

1. The Present Educational Status of the Children in Elementary Schools.
2. The Relation of the County Superintendent and the Rural Supervisor to the Organization and Administration of Elementary Schools.
3. The Length of the Rural School Term.
4. A More Adequate Supply of Specifically Trained Teachers.
5. The Standardization of Elementary Schools.

More definite announcement concerning the conference will be made later from the office of the State Superintendent of Public Instruction by circular letter to be sent out to state school officials and given publicity through the state press.

SUMMER INSTITUTE, AUGUST 16 TO 28

(Auspices University Extension Division)

An Institute consisting of the following short term schools will be conducted by the University Extension Division, August 16-28, inclusive:

Coaching School, under the direction of Robert A. Fetzer.

School of Recreation and Physical Education, under the direction of Harold D. Meyer.

Citizenship School, under the direction of Howard W. Odum.

Each School will offer six courses. Students will be expected to take at least two courses in the School in which they desire to major, and may elect one course in one of the other schools. Diplomas will be issued upon completion of four or six courses in each school. The Institute is open to regular summer school students, provided the dean of the school in which the student is registered approves, and any adult interested. The tuition charge is ten dollars. This Institute has no connection with the Summer School, and complete announcement will be sent upon request.

WRITE TO THE UNIVERSITY EXTENSION DIVISION, Chapel Hill, N. C.

