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University of Florida

GAINESVILLE, FLORIDA



University Summer School

(Co-Educational)

Announcement

June 14 to August 9, 1922

SUMMER SCHOOL

SUMMER SCHOOL BOARD

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UNIVERSITY OF FLORIDA

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Physics

JOSEPH ROEMER, PH.D.

Education

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Primary Education

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History and Civics

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Education

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 COMMITTEES OF THE FACULTY
On Buildings and Grounds: Enwall, Perry, Cody, Hamon.*On Admission:* Simpson, Leigh.*On Advanced Standing:* Roemer, Hathaway, Black, Haynie.*On Public Functions:* Bristol, McArthur, Arrington, White.*On Student Publications:* Leake, Beck.*On Extension of Certificate:* Metcalfe, McMullen, Johnson.*On Recreation:* (a) For Women: Borger, Mrs. Roemer, Miltimore.

(b) For Men: White, Manchester, Metcalfe, Woodley.

GENERAL STATEMENT

PURPOSE.—It is the main purpose of the University Summer School to furnish such training as will be most useful to its students in the profession of teaching. A teacher should not only be well versed in subject-matter, but also resourceful in managing a schoolroom or a system of schools. The Summer School attempts to give both kinds of instruction. More specifically, it endeavors to prepare its students for positions as teachers, principals, supervisors, and county or city superintendents of public instruction.

ORGANIZATION.—To this end the work of the Summer School is organized as follows:

1. Normal courses leading to the Normal Diploma.
2. College courses leading to standard college degrees of A.B. and B.S.
3. Graduate courses leading to advanced degrees.
4. Professional courses meeting the requirements for the extension of teachers' certificates with or without further examination.
5. High school courses for mature students and for those who do not have adequate high school facilities at home.
6. Review courses in all subjects required for county, state, and special certificates.

ADMISSION.—Graduates of Standard Junior High Schools, those who have finished the tenth grade of a Senior High School, and teachers who hold a First Grade County Certificate, are admitted to the first year of the Four-Year Normal Curriculum. Graduates of Standard Senior High Schools are admitted to the Freshman Year of the Collegiate Course.

Persons twenty-one or more years of age who cannot satisfy the entrance requirements, but who give evidence of ability to profit by the courses they may take, may, under exceptional circumstances, be admitted as "adult specials."

There are no requirements for admission for those who register merely for review courses.

Students are urged to pursue courses leading to a degree and to have themselves classified when they register. To facilitate proper classification, all students are requested to bring with them their high school diplomas or a statement from their high school principals of the work they have completed. Blank

certificates, conveniently arranged for the desired data, will be sent to all high school principals, and, upon application, to prospective students.

ENTRANCE EXAMINATIONS.—Owing to the large number of summer school students who have not finished high school and, hence, do not have sufficient entrance units to enable them to enter the freshman class, but yet are mature enough to profit by regular college work, arrangements will be made for them to take entrance examinations. All such students should file with the Dean of the Summer School not later than May 20th petitions for examinations in each subject in which they wish to be examined.

DEGREES.—Courses are also offered leading to the degrees of Bachelor of Arts in Education, Bachelor of Science in Education, Master of Arts in Education, Master of Science in Education, and the Normal Diploma. The last named, sometimes called the L. I. degree, is the very least that any teacher should possess. There is considerable agitation in the United States at the present time to make the normal diploma, or its equivalent, the minimum professional training for any teacher. This degree is granted to those students who have finished the second (Sophomore) year's work in Teachers College, with the exception that the foreign language work is elective, and that in the sophomore year Education *Va* and *VIb* are required. For the degree of Bachelor of Arts in Education, the major elective work must be chosen in Groups II and III, or Group II or III; for the degree of Bachelor of Science, from Group IV. For the requirements for the more advanced degrees, the student is referred to the General Catalog, May, 1922.

Authority for the above is provided in Section 5 of Summer School Act as follows:

“All work conducted at the said Summer School shall be of such character as to entitle the students doing the same to collegiate, normal or professional credit therefor, and may be applied towards making a degree.”

GROUP SUBJECTS

I.	II.	III.	IV.
Military Science I and II	French Greek Latin Rhetoric and English Lan- guage Spanish	Bible Economics Education English Lit- erature History Philosophy Political Science Psychology Sociology	Agriculture Astronomy Bacteriology Biology Botany Chemistry Drawing Descriptive Geometry Geology Mathematics Mechanics Physics Physiology Zoology

CURRICULUM

Leading to the Degree of Bachelor of Arts or
Bachelor of Science in Education

CONSTANTS.—i. e., subjects required of all students en-
rolled in Teachers' College.

Physical Education I.....	1	hr. ;	Required of Freshmen	
Physical Education II.....	1	hr. ;	Required of Sophomores	
Military Science I.....	3	hrs.;	Required of Freshmen	
Military Science II.....	3	hrs.;	Required of Sophomores	
English I.....	3	hrs.;	Required of Freshmen	
Psychology	1½	hrs.;	Required of Sophomores	
Educational Psychology	1½	hrs.;	Required of Sophomores	
Education I.....	3	hrs.;	Year course; required of Freshmen	
Education II.....	3	hrs.;	Year course.	} Either Ed. II or Ed. VIa and Ed. IVb required of Sophomores
or				
{ Education VIa.....	1½	hrs.;	first Semester	}
{ Education IVb.....	1½	hrs.;	second Semester	
Education IIIa.....	1½	hrs.;	Required of Juniors; Sophomores ad- mitted by permission.	
{ Education IIIb.....	1½	hrs. }	} Required of Juniors; Sophomores ad- mitted by permission.	
{ or Education IVa.....	1½	hrs. }		
Education V.....	3	hrs.;	Required of Seniors; Juniors admitted by permission.	
Education XIVb.....	1½	hrs.;	Required of Seniors; Juniors admitted by permission.	
Education VIb.....	1½	hrs.;	Required of Seniors; Juniors admitted by permission.	

Total, 29 hrs. of constants.

Each student must select courses from three of the following groups:

(See Regulation 2 below.)

A—Ancient Languages	B—Modern Languages	C—English
<p>Required courses: Latin I } Latin VI } 6 hours or Latin II } Recommended courses: Latin III Latin IV Greek A } Greek I } or French A } French I } or Spanish A } Spanish I }</p>	<p>Required courses: French A } French I } } or Spanish A } } 6 hours Spanish I } } or German A } } German I } } Recommended courses: French II Spanish II German II Latin History I English IV, V or VI History IV</p>	<p>Required courses: English I (included among constants) English, 6 hrs. } 6 hrs. from } 12 hrs. one for- eign lan- guage } Recommended courses: Other courses in lan- guages and His- tory V.</p>
D—Mathematics	E—Natural Science	F—Social Science
<p>Required courses: Mathematics I } 6 hrs. Math. III } Recommended courses: Mathematics IV 3 hours from a Science Surveying</p>	<p>Required courses: Biology I } Biology II } } Biology III } } 16 hours Chemistry I } } Physics V } } Recommended courses: Chemistry III Advanced Physics Chemistry V</p>	<p>Required courses: History I } History II } } History III } } 15 hrs. Sociology I } } Economics I } } Recommended courses: Political Science Biology Psychology Philosophy Economics History Sociology</p>

REGULATIONS

1. All students must take all Constants.
2. Each student must select from three groups of studies from A to F, and must continue in those selected until completion of Sophomore year; at which time a student may concentrate upon two of these groups by permission of the Dean.
3. Where the total number of hours of the three groups combined does not equal 24, additional hours must be taken from the recommended courses in these groups to make the total 24 or more.
4. A total of 68 year hours is required for graduation.

SUMMER SCHOOL CREDIT.—One hour in the Summer School is equivalent to one-fourth year hour as given in the following courses of study. The amount of credit to which the completion of each course will entitle, is given in the description of such courses. No student without special permission of the faculty is permitted to pursue courses that will aggregate more than four and one-half college credits. Exceptionally able students are sometimes permitted to take more than this amount of work, but only with the sanction of the Teachers College Faculty.

The following resolutions, which are primarily intended for students of less than college rank, were adopted by the Teachers College Faculty in January, 1921:

I. Courses to be given in the Summer School shall be designated as (a) Review, (b) Normal, or (c) College.

- (a) Courses intended primarily to give a rapid survey of a subject and thus prepare for examination for a Teacher's Certificate.
- (b) Courses arranged primarily for pupils unable to offer fourteen college entrance units.
- (c) Courses designed primarily for college students (those able to offer fourteen or more college entrance units).

II. All courses (whether Review, Normal, or College) may, if the other regulations be observed, be used towards extension of Teachers' Certificates, provided that at least one course of higher scholastic grade other than those necessary for the certificate, be taken.

III. (a) No credit in college entrance units or in college hours shall be given for successful completion of a "Review" course.

(b) Summer School students offering less than fourteen entrance units shall not, without special permission, be allowed to take more than twenty hours per week. Not more than one entrance unit will be given for work done by "Normal" students at one session of the Summer School. For successful completion of one "Normal" course of study with five recitations per week, one-fourth of one college entrance unit shall be given. One hour of recitation shall be considered equal to two hours of work in laboratory, music, physical education, and drawing.

The Teachers College will accept entrance unit credits only in case an entire course has been completed. Under no circumstances will it accept less than one-half unit in a subject, and one-half units only in subjects so marked in the current catalog. The College will, however, accept one-quarter of a unit when an additional unit or permissible one-half unit is also offered in the same subject, provided the one-quarter unit does not represent duplication of work.

It is recommended that the schedule of classes be so arranged as to make it possible for a student in "Normal" courses to earn two one-quarter units in one subject during one session of the Summer School.

(c) A student able to offer fourteen or more college entrance units shall not, without special permission, be allowed to receive more than four and one-half credit hours or one and one-half college entrance units.

Successful completion of a course of study requiring six class hours per week thruout the Summer School session, will entitle the student to one and one-half college hours; completion of a course re-

quiring four or five hours per week, will entitle to one college hour, and of a class meeting two or three times per week, to one-half college hour; but no credit in hours will be given for a class meeting only once a week. To entitle a student to credit, a course in the Summer School must be approved by the head of the Department in the University most nearly concerned.

STATE CERTIFICATES.—Graduates of the Teachers College and of the Normal School are granted State Certificates without further examination—provided that one-fifth of their work has been devoted to professional training and provided that during each of the last two years of their course they have made a general average of eighty-five on all subjects and have not fallen below sixty in any subject. These State Certificates are converted into Life Certificates in the usual way.

EXTENSION OF TEACHERS' CERTIFICATES

Section 6 of a recent Act of the Legislature provides that:

All teachers attending any of the Summer Schools herein created and whose work entitles them to credit therefor, upon making proof of the same to the State Superintendent of Public Instruction, are hereby entitled to one year's extension on any Florida teacher's certificate they may hold and which has not fully expired, and such certificate may be extended one year for each succeeding session attended by the said teacher.

REGULATIONS GOVERNING CERTIFICATE EXTENSION

When credit for extension of certificates is desired the following regulations established by the Summer School Board must be followed:

1. No teacher shall be allowed to take more than twenty hours per week of purely academic subjects.

2. No teacher shall take less than five hours per week of professional work.

(Any four or five hour course in education, pedagogy and psychology that has not been taken previously will satisfy the professional requirement necessary for extension of certificate.)

3. The maximum hours per week, including professional, vocational and academic subjects, shall in no case exceed twenty-seven hours per week. Two laboratory hours to be counted as one hour of academic work.

4. No teacher shall take less than fifteen hours per week without special permission.

5. An extra fee of one dollar will be charged for any change of registration after the first week.

With the rapid growth of high schools there is corresponding need of teachers trained in the subjects of higher education and an increasing number are taking college courses to advance and broaden their scholarship. This is as it should be and the ambitious will receive every encouragement from the Summer School.

It is lawful, however, to pursue courses in preparation for taking teacher's examinations for the first time, or for raising the grade of one's certificate, or for the extension of one's certificate. But the Summer School faculty will not recommend students for extension of certificate for repeating courses which they have taken in previous summer sessions or those who are not pursuing courses to raise the grade of certificate already held. At the end of the term the faculty will recommend for extension those that meet the above conditions, and attend the full term, and do work satisfactory to the faculty.

DANCING.—The University of Florida does not feel justified in placing its stamp of approval on the dance as at present practiced. Dancing is therefore forbidden both on and off the campus during the summer season.

ADVANTAGES OF THE UNIVERSITY SUMMER SCHOOL

The advantages that Gainesville presents as the seat of the Summer School are numerous. It is centrally located and easy of access. It has well-paved, lighted and shaded streets, an exceptionally pure water supply, and a good sewerage system. The citizens are energetic, progressive and hospitable. The moral atmosphere is wholesome. The leading religious denominations have attractive places of worship.

The entire equipment of the University is at the hands of the faculty and students. Ample provision is made for intellectual recreation and physical exercise. The Peabody Literary Society meets weekly; lectures or concerts are given frequently; the gymnasium, swimming pool, baseball grounds, and tennis courts are at the disposition of the students, and instructors are at hand to direct athletic activities. The Y. M. C. A. has a fine moving-picture machine, and a large number of

educational and travel films have been procured, as well as some of the best feature films obtainable.

PEABODY HALL.—Peabody Hall, the administrative home of the Teachers College, is a magnificent three-story brick and stone structure. It is modern in every respect as to equipment and arrangements. It contains all the lecture rooms, laboratories and libraries that a modern college of this kind needs.

LIBRARY.—The general library of the University contains about 18,000 volumes of well selected books to which the Summer School students have free access. The Pedagogical library will be of especial interest to them, for it contains many books on educational theory, general and special methods, history of education, psychology and philosophy. In the reading room are more than a hundred of the best general and technical periodicals. Here also are received the leading newspapers of the state and nation.

EDUCATIONAL RESEARCH ROOM.—Room 32, Peabody Hall, is set apart for special and graduate students in Education. This room contains exhibits of many lines of school work; reports and publications of the U. S. Bureau of Education; samples of school texts; Courses of Study; Reports of Superintendents; catalogues of colleges and universities; samples of records and reports, and state school laws. The room is especially rich in material, method and practical operations of mental and educational measurements. Graduate students working on theses will find this room especially helpful and convenient. The equipment is at their service, and individual tables and chairs will be provided.

TEACHERS' EMPLOYMENT BUREAU.—Teachers College and Normal School desires to serve the whole state in every possible way. For this purpose a Teachers' Employment Bureau was instituted and is open thruout the year. From school officials it receives requests for teachers. From teachers it receives requests for information as to vacancies. It files such information and tries, when called upon, to meet the needs of both teachers and school officials. To be of greater service it needs and invites the cooperation of superintendents, principals, and teachers. Officials needing trained men or women, and teachers desiring promotion or change, are asked to call upon the Bureau for its aid. No charges are made for services.

For information, address Dr. Joseph Roemer, University of Florida, Gainesville, Florida.

EXPENSES

Registration fee	\$ 2.00
Boarding and lodging in Dormitory per week, in advance	5.25
In advance for the term.....	40.00
Board without lodging, per week.....	4.25
Board without lodging for the term, in advance	32.00
Board for children under eight, per week.....	2.00
Board for children between eight and ten, per week	2.50
Board for children above ten, per week.....	4.25
Infirmary fee50
Library fee50
Chemistry Laboratory fee.....	5.00
Physics Laboratory fee.....	2.50
Biology, Botany and Zoology Laboratory fee...	2.00

Students taking Manual Training and Primary Handwork will have to pay for the material they use. This will not amount to more than 75 and 50 cents, respectively.

There is no charge for tuition. Children under eight years of age will not be admitted to the dormitories, but may dine with their parents in the Commons at \$2.00 per week. All accounts are payable in advance.

ROOMS.—Dormitory rooms in Buckman Hall and Thomas Hall are supplied with two good iron bedsteads and mattresses, chiffonier or bureau, a table, washstand and chairs. All students are required to provide for themselves a pillow, bed linen, towels, and other things as they may want for their own special convenience.

Good rooms can be obtained adjacent to the campus at a moderate price. From thirty to fifty new dwellings have been built within three blocks of the campus during the past year, which will greatly increase the rooming facilities for those who cannot obtain rooms in the dormitory. Students desiring to have their rooms reserved in advance, should write at once.

INFIRMARY.—The University maintains a well equipped infirmary and has a professional nurse for those who may be ill during the Summer School.

THE ASSEMBLY.—The assembly will be held on Tuesdays and Fridays at 10 o'clock. At these meetings important announcements will be made and students will be held responsible for all such announcements so made regardless of the fact as to whether they are in attendance at the time.

The following persons will address chapel on these dates:

Friday, June 16.....	Opening Exercises, President Murphree
Tuesday, June 20.....	Mr. Hixson
Friday, June 23.....	Miss Harris
Tuesday, June 27.....	Supt. Sheppard, Mr. Roemer
Friday, June 30.....	Mr. Hathaway
Tuesday, July 4.....	Patriotic Exercises
Friday, July 7.....	Mr. Bristol
Tuesday, July 11.....	Mr. White
Friday, July 14.....	Mr. Woodley
Tuesday, July 18.....	Mr. Leigh
Friday, July 21.....	Mr. Leake
Tuesday, July 25.....	Mr. Beck
Friday, July 28.....	Mr. Enwall
Tuesday, August 1.....	Mr. Black
Friday, August 4.....	
Tuesday, August 8.....	

AIDS TO REGISTRATION

To make registration easier and to speed it up on registration day, registration forms are shown herein. Read them carefully and fill them out as far as possible before you arrive at Summer School. With your bulletin in hand and forms filled out you can quickly and correctly copy on to the regular cards at the registration desk.

The large card should be filled out in complete detail, especially as to county in which you reside and whether or not you wish an extension of your present certificate, if you have one; in fact the card will be valuable in proportion to the completeness with which it is filled out.

As to the small card, you need to fill out only the blank spaces above and to the right of the heavy line. The rest of it is to be done at the registration desk.

INSTRUCTOR'S COURSE CARD

Students fill in only above and to right of heavy line
 Surname First Name Middle Name

Name of Student.....

June.....1922

SUBJECT	Course No.	Sec.	TITLE OF COURSE	INSTRUCTOR
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	1	2	3	4	5	6	7	8	Present Certificate	Extension Desired	Certificate Now Sought
Monday											
Tuesday											
Wednesday											
Thursday											
Friday											
Saturday											

Diligence Gr..... Final Gr..... Days Present.....

.....Instructor

UNIVERSITY OF FLORIDA SUMMER SCHOOL

REGISTRATION CARD

Date.....192.....

Surname

First name

Middle name

Home Address: P. O.

County

State

Age

Married?

Have you ever taught?

In case of illness, whom shall we notify?

Address of this person

Is this person your parent or guardian?

What Certificate do you hold?

County in which issued

Date issued

Date of expiration of this Certificate

Do you desire extension of Certificate?

Date of previous extension

Your address while in Gainesville

COURSES

1

4

2

5

3

6

(SEE OTHER SIDE)

I attended High School Months.

I graduated from High School in the year.....

I attended Normal School..... Months.

I graduated from..... Normal School in the year.....

I graduated from..... College or University in the year.....

I hold the following degrees.....

Total years taught.....

COURSES OF INSTRUCTION

The following abbreviations used in connection with the courses, indicate the buildings in which the courses are held, and the numbers after such abbreviations indicate rooms in which they are held:

A—Agricultural Building; S—Science; P—Peabody; E—Engineering; L—Language; G—Gymnasium.

AGRICULTURE

ELEMENTARY AGRICULTURE.—A general course in agriculture. This will introduce the student to the study of soils, plants, common diseases of plants, insects, farm crops, domestic animals and the like. Methods of teaching agriculture in rural schools will be stressed. Review and extension credit only. M. W. F. 11:00 E. 15. Mr. Haynie.

FARM MANAGEMENT.—Factors in producing different crops, rotation of crops, system of farming, cost accounting, selection of farms and planning different types of farms. The course is intended to give the student an opportunity to bring to bear on practical problems the information acquired from preceding courses of instruction in agriculture and related subjects. 1½ college credits. Daily 8:00 P. 2. Mr. Haynie.

DAIRY FARMING.—Management of the dairy herd under Southern conditions; study of equipment for dairy farm; locations adapted to dairy farming; method of keeping records and developing dairy herd; pastures, silage and feed crops. 1 college credit. T. Th. S. 11:00. Lab. M. 2-4:00 P. 2. Mr. Haynie.

SWINE PRODUCTION.—Location and equipment for hog farming; management of breeding stock, selection of breeds adapted to the South; study of foodstuff with reference to their adaptability to pork production; slaughtering, curing meats on the farm, and marketing. 1 college credit. M. W. Th. S. 10:00 P. 2. Mr. Haynie.

ATHLETICS

Courses in Coaching

ATHLETICS I.—*Football.*—Elements of the Game.—Its educational values, the rules that govern it, individual and team development, how the game should be played on offense and defense, different systems discussed, how each position should be played on offense and defense, the forward pass, trick and fake plays, the kicking game, psychology and football, plays

suggested. This course will deal with football strategy and its aim is to fit men for coaching football teams. $\frac{1}{2}$ college credit. M. W. F. 4:00 E. 16. Coach Kline.

ATHLETICS II.—*A Talking Knowledge of the Football Game.*—What the rules mean as applied by officials, penalties, good sportsmanship on the side lines, everybody who attends football games should know the essentials of the game play. M. 5:00 E. 16. Coach Kline.

ATHLETICS III.—*Basketball.*—Same course as offered in Course I. Special emphasis will be placed upon the five-man game, on offense and defense, foul throwing, playing the ball, the dribble game, the passing game, long shots, short shots, English, the common-sense system. This course is intended to fit men and women to coach basketball teams. $\frac{1}{2}$ college credit. T. Th. 4:00 E. 16. Coach Kline.

ATHLETICS IV.—*A Talking Knowledge of the Basketball Game.*—Same course as offered in Course II. T. 5:00 E. 16. Coach Kline.

ATHLETICS V.—*Special Course and Lectures Will Be Given in Baseball* if demanded. Hours to be arranged. Coach Kline.

ATHLETICS VI.—Same as Course V for Track and Field Sports. Hours to be arranged. Coach Kline.

Note: Owing to the fact that no money is available to pay for instruction in these courses, a reasonable fee will be charged for each course, payable in advance. A respectable number must enroll to insure the course being given.

FEES—Course I.....	\$20.00
Course II.....	7.50
Course III.....	15.00
Course IV.....	5.00
Course V.....	10.00
Course VI.....	10.00

DRAWING, CONSTRUCTIVE WORK AND INDUSTRIAL ART

DRAWING I.—Grades I-III, inclusive. Application of Art to everyday studies; construction work and design; paper cutting, illustration; free-hand drawing; nature study in colors. $\frac{1}{2}$ college credit. M. W. Th. S. 10:00 E. 12. Miss Hopkins.

DRAWING II.—Grades IV-VII, inclusive. Design and applied design; line and shade; theory of color and study of water colors; nature study and still life in color; notebooks kept up to date each week. $\frac{1}{2}$ college credit. M. T. W. Th. 2:00 E. 12. Miss Hopkins.

DRAWING III.—Grades VIII-XII, inclusive. Principles of perspective and line drawing; pencil sketching; five-minute

sketches from life; black and white; charcoal and pencil; water color study and nature study in colors; principles of design and applied design; comparison of notebooks. $\frac{1}{2}$ college credit. M. W. Th. F. 4:00 E. 12. Miss Hopkins.

DRAWING IV.—Grades I to XII, inclusive. Decorative work in enamels; stencilling and handwork that can be useful throughout the grades and high school. $\frac{1}{2}$ college credit. M. T. Th. S. 9:00 E. 12. Miss Hopkins.

EDUCATION

Any 4 or 6 hour course will meet professional requirements for the extension of certificates.

PEDAGOGY.—School management, general and special methods of teaching, elementary principles of child nature, school hygiene and sanitation, personality of teacher, relation of school and community, and other practical pedagogical questions. Review. 1 Normal credit.

Section 1—M. T. W. F. 9:00 P. 25. Mrs. Arrington.

Section 2—M. T. Th. F. 11:00 P. 25. Mrs. Arrington.

Section 3—M. T. W. F. 3:00 P. 25. Mrs. Arrington.

Section 4—M. T. Th. F. 4:00 P. 25. Mr. Draper.

EDUCATION II*a*.—Methods of Teaching the Elementary Branches—In this course emphasis will be placed upon the proper presentation of grammar school subjects. $1\frac{1}{2}$ college credits. Daily 8:00 P. 23. Mr. Woodley.

EDUCATION III*a*.—Administration and Supervision of Village and Consolidated Schools—A course stressing in a practical way problems peculiar to these schools in Florida; their relation to federal, state and local government; the supervising principal, qualifications, relation to superintendent, boards, teachers, pupils, patrons and community; adapting the school to the child's needs, organization, curriculum, attendance, promotions, tests, health work; business practices, school finance, material equipment, school housekeeping, records and reports. $1\frac{1}{2}$ college credits. Daily 9:00 P. 23. Mr. Woodley.

EDUCATION V*a*.—The Technique of Teaching—The laws of learning, lesson-planning, thinking, questioning, the problem-project method, the socialized recitation, democracy in the classroom as a preparation for democracy in life. Textbook: Colvin's "An Introduction to High School Teaching." $1\frac{1}{2}$ college credits. Daily 11:00 P. 17. Mr. Norman.

EDUCATION VI*a*.—Child Study—The nature, growth and

development of the child from birth to adolescence with reference to education; the original nature of the child and his education; the meaning of protracted infancy; training in recognition of types and individual differences, of common defects and how to deal with them; the cultivation of intelligent sympathy with children; the effect of Child Study on the practices of elementary and secondary education. $1\frac{1}{2}$ college credits. Daily 8:00 P. 17. Mr. Enwall.

EDUCATION VI*b*.—Supervised Teaching—This course is planned to give the student practice in conducting recitations under close supervision. A study will be made of the development of courses, and the present status of the subject taught. Lesson plans will be required for all recitations, and the manner of teaching will be subject to criticism. Teaching 4 hours a week; conferences 2 hours a week. $1\frac{1}{2}$ college credits.

Section 1. American History in Secondary Schools. Daily 11:00 P. 23. Mr. Bourne.

Section 2. English in Secondary Schools. Daily 12:00 P. 23. Mr. Woodley.

Section 3. Mathematics in the Secondary Schools. Daily 9:00 E. 17. Mr. Metcalfe.

EDUCATION X*b*.—Rural School Hygiene.—Conditions and forces that affect the physical and mental vigor of children and teachers, and relate the school to the health of the home and community. Location and sanitation of school buildings; hygienic furniture, etc.; diseases and physical defects; medical inspection; hygiene of instruction; teacher's health; play and recreation; teaching of hygiene. $1\frac{1}{2}$ college credits. Daily 12:00 E. 17. Miss McArthur.

EDUCATION XI*a*.—Educational Tests and Measurements—The use of scales for measuring educational products; educational stock-taking. How to determine what kind of a school a community needs, and what progress pupils are making, etc. (Elective for Graduate Students.) $1\frac{1}{2}$ college credits. Daily 8:00 P. 21. Mr. Roemer.

EDUCATION XI*b*.—City School Surveys.—An intensive and analytical study of the principles and practices followed in making the leading City Surveys of the country. Open to advanced students in Education. $1\frac{1}{2}$ college credits. Daily 9:00 P. 20. Mr. Bourne.

EDUCATION XIV*a*.—Junior High School—The purpose of this course is to give principals and teachers a knowledge of

the junior high school and its organization. Since the movement is in its formative period in Florida, much attention and study will be given to concrete cases and local conditions. Topics: Need of reorganization of the traditional high school; changes needed in the program of studies, in discipline, methods of teaching, etc.; development of the Junior High School; special function of the Junior High School; organization, curricula and courses of study, methods of teaching, etc., of the Junior High School. Daily 9:00 P. 21. Mr. Roemer.

EDUCATION XIVb.—High School Administration.—This course is designed to study the practical management and administration of the modern high school. It will consider such topics as: duties of principal as head of school; relation of principal to board of education, superintendent, teachers, pupils and community; legal status of high school; systems of financing; selection, supervision, promotion, retention and dismissal of teachers; adjustment of teaching load; testing and grading of pupils; problem of discipline; pupil guidance, athletics, wider use of school plant, supervised study, student activities, teachers' meetings, etc. (Junior students may choose between Education XIVb and Education IIIb.) 1½ college credits. Daily 8:00 P. 18. Mr. Bourne.

EDUCATION XXI.—Newer Type of Primary School—This course will discuss some recent departures from the traditional and will consider causes for these changes. The course will include organization of the primary school curriculum, and a discussion of the relationship between the kindergarten and primary school. It is planned to meet the needs of teachers of the first four grades. 1½ college credits. Daily 8:00 E. 10. Mrs. Roemer.

EDUCATION XXII.—The Teaching of Primary Reading—This course will discuss the basic importance of reading in the primary school; reading as a tool study; the various methods of teaching reading; etc. Because of the close relation of language as a tool study to reading in the primary school that subject will also be considered in this course. The value of phonics, writing, and also spelling will be considered. 1½ college credits. Daily 9:00 E. 10. Mrs. Roemer.

EDUCATION XXIII.—Hand-work for Primary Grades—The purpose of this course is to develop the real function of hand-work in the primary grades. The various types of hand work will be discussed, paper cutting, free hand drawing, clay model-

ing, etc. A constructive project for each grade will be developed during the course. 1 college credit. Daily 11:00 P. 1. Mrs. Roemer.

EDUCATION XXIV. The Teaching of Primary Numbers—This course will consider the broad concept number as it relates to child life; means of working out definite standards of measurement. The four fundamental processes and how to teach them; rapid calculation, etc. This course will lay out the course of study in arithmetic in the first three grades. 1½ college credits. Daily 12 E. 10. Mrs. Arrington.

EDUCATION XXV.—Rural Life Movements.—The opportunity of the rural teacher in reviving, organizing, and directing the life of the rural community will be stressed. The object of the course is to stress the idea that hearing lessons is only a part of the teacher's duty. 1½ college credits. Daily 11:00 E. 10. Miss McArthur.

EDUCATION XXVI.—Rural School Supervision.—A course reviewing the inadequacy of such supervision in the schools of Florida as shown by untrained teachers, and insufficient aid from the County Superintendent's office. Proposed helps—self-supervision, rural school supervisors, helping teachers, etc. Plans for training teachers in service will be discussed—county associations, reading circle work, conference courses, etc. 1½ college credits. Daily 9:00 P. 18. Miss McArthur.

ENGLISH

ENGLISH COMPOSITION.—Review and extension credit only. Four sections:

Section 1. M. T. W. Th. 9:00 L. 12. Mr. Lane.

Section 2. M. T. W. Th. 8:00 L. 25. Mr. Lane.

Section 3. M. T. W. Th. 8:00 E. 16. Mr. Draper.

Section 4. M. T. Th. F. 4:00 P. 17. Mr. Johnson.

ENGLISH GRAMMAR.—Review and extension credit only. Six sections:

Section 1. M. W. Th. S. 10 L. 25. Mr. Lane.

Section 2. M. T. W. Th. 11:00 L. 9. Mr. Lane.

Section 3. M. T. W. Th. 9:00 S. 23. Mr. Draper.

Section 4. M. T. Th. F. 3:00 P. 17. Mr. Johnson.

Section 5. M. W. Th. S. 10:00 L. 12. Mr. Johnson.

Section 6. M. T. W. Th. 2:00 L. 12. Mr. Lane.

ORTHOGRAPHY.—The spelling of common words will be stressed. Correct spelling in all forms of written work will be

demand. How best to teach spelling. Review and extension credit only. F. S. 11:00 L. 9. Mr. Johnson.

AMERICAN LITERATURE.—Study of American Literature as outlined in Metcalf's "American Literature." 1 Normal credit. M. T. Th. F. 12:00 P. 23. Mr. Woodley.

ENGLISH LITERATURE.—The history of English Literature as outlined in Metcalf's "English Literature" will be given. 1 Normal credit. M. T. Th. F. 2:00 L. 26. Mr. Draper.

RHETORIC.—A general course in composition and rhetoric. 1 Normal credit. M. T. W. Th. 11:00 L. 11. Mr. Johnson.

COLLEGE ENGLISH

ENGLISH Ia.—Advanced College Rhetoric.—Designed to train students in methods of clear and forceful expression. Instruction is carried on simultaneously in formal rhetoric, in rhetorical analysis, and in theme writing, the constant correlation of the three as methods of approach to the desired goal being kept in view. In addition a reading course is assigned each student. 1½ college credits. Daily 8:00 P. 28. Mr. Hathaway.

ENGLISH Ib.—Advanced College Rhetoric—This is the work covered during the second semester of Freshman English. It is a continuation of English Ia. The chapters on Invention in Genung's "Working Principles of Rhetoric" will be studied. A minimum of ten compositions is required. 1½ college credits. Daily 9:00 P. 28. Mr. Hathaway.

ENGLISH IIIa.—Expository Writing—This course is regularly known as Sophomore English. It includes study and practice in writing news items, editorial paragraphs, definitions, reviews, criticisms, formal essays, informal essays, and special feature articles. Some writing will be done for the *Florida Alligator*. Curl's "Expository Writing" and Bleyer's "Special Feature Articles" are the texts. 1½ college hours. Daily 8:00 L. 26. Mr. Beck.

ENGLISH VIIIa.—Browning—Lectures and written exercises on Robert Browning's poems and dramas. Shorter Poems: My Last Duchess, Abt Vogler, Rabbi Ben Ezra, Child Harold, Andrea del Sarto, The Laboratory. Dramas: Luria, The Return of the Druses, A Blot on the 'Scutcheon. Graduate credit. Advanced students. 1 college hour. M. T. W. F. 11:00 L. 26. Mr. Beck.

ENGLISH VIIIb.—Modern Poetry—A study of present-day poems, poets, and poetic tendencies. Both American and Eng-

lish writers are included, and the late Irish school is stressed. The *vers libre* tendency is studied. Bliss Perry's "A Study of Poetry" is the text. Prerequisite: English I. 1 college hour. M. W. Th. S. 10:00 L. 26. Mr. Beck.

MODERN NOVEL.—A study of the novel since the time of Jane Austen. An intensive course, rather than an extensive. Careful study of Austen's "Pride and Prejudice," Meredith's "Ordeal of Richard Feverel," and Hardy's "The Return of the Native." Discussion of Lewis's "Main Street," Tarkington's "Alice Adams," Ibanez's "Four Horsemen of the Apocalypse," and other later novels. 1 college hour. M. T. W. F. 9:00 L. 26. Mr. Beck.

ENGLISH SVa.—American Short Story—An extensive study of the American short-story, beginning with Poe and extending to the current magazine writers. Discussion of various story types and story ideas. Lectures on story technique. Constant use of the library. ½ college hour. Th. S. 9:00 L. 26. Mr. Beck.

FRENCH

FRENCH Ab.—Elementary French, second semester's course; continuation of French Aa; grammar, prose composition, reader, oral practice. Fraser & Squair's Shorter French Course; La Belle France. Prerequisite: French Aa or equivalent. 1½ college credits. Daily 11:00 L. 12. Mr. Manchester.

FRENCH Sib.—Second year French, second part. Grammar, prose, composition, reader. Prerequisite: French A and first part of second year French or equivalent. 1½ college credits. Daily 12:00 L. 12. Mr. Manchester.

GEOGRAPHY

POLITICAL GEOGRAPHY.—Special attention will be given to Florida and its relation to other states. A thoro review of the geography of the United States and the world. Instruction will be given in the use of textbooks, maps, globes, industrial products, etc. Review and extension credit only. Four sections:

Section 1. M. W. Th. 10:00 S. 3. Miss Saunders.

Section 2. M. W. F. 2:00 S. 12. Miss Saunders.

Section 3. M. W. F. 3:00 P. 1. Mr. Day.

Section 4. M. W. F. 8:00 P. 1. Mr. Day.

PHYSICAL GEOGRAPHY.—The main features of the ordinary textbook in physical geography will be studied. Along with

this stress will be placed upon the effects the physical features have on man—his commercial and social life. This will be correlated with agriculture. 1 Normal credit. Three sections:

Section 1. M. T. Th. F. 4:00 S. 12. Miss Saunders.

Section 2. M. W. Th. S. 10:00 S. 12. Mr. Black.

Section 3. M. T. Th. S. 12:00 S. 12. Miss Saunders.

HEALTH WEEK

One of the interesting and profitable features of the 1921 Summer School Session will be repeated at the 1922 session. The week of June 19th has been designated as "Health Week," during which time the Florida Public Health Association will have an exhibit of posters and literature illustrating methods of teaching Health and Hygiene. There will also be conferences conducted at convenient hours each day. Representatives will appear at chapel exercises and furnish a series of moving picture entertainments each evening during the week.

HYGIENE

HYGIENE.—Special efforts to impress the teacher with the importance of hygiene and sanitation. How to keep well and physically efficient is the special aim of this course. $\frac{1}{2}$ Normal and extension credit. W. F. 9:00 S. 12. Mr. Black.

HYGIENE I.—Instruction by lecture, recitation and written exercise in general and individual hygiene. Course comprises educational, informational, defensive and constructive Hygiene, with especial reference to infectious diseases, causes, effects and prevention; sex hygiene and social diseases; the general features concerning the destructive agents of health. Required of all first year students. (Acceptable for credit for pre-medical work by the American Medical Association.) $\frac{1}{2}$ college credit. M. T. W. S. 9:00 E. 16. Dr. Sweet.

HYGIENE II.—Instruction by lecture in the common groups that make up the community. Treats of the hygiene of the family, school, industry, farm, institution, and other groups which are typical of every village or town. Elective for all students. $\frac{1}{2}$ college credit. M. W. Th. S. 10:00 E. 16. Dr. Sweet.

HYGIENE III.—Instruction by lecture in the intergroup factors of community, state, nation. Treats of water supply, sewage disposal, garbage disposal, streets, infectious diseases, disinfection, fumigation, clinics and other destructive and constructive elements of community, state and national health.

Elective for all students. $\frac{1}{2}$ college credit. M. W. Th. S. 11:00 E. 16. Dr. Sweet.

MEDICAL ASSISTANCE

CONSULTING CLINICIANS.—Drs. DePass, Smith, Dell, Waldo.

PHYSICAL EXAMINATION.—Regular medical examinations are offered to all students on any day at the regular hours of consultation in the Infirmary. Opportunity is offered for individual and private conference with University Physician, Director of Department or assistants. Drs. Sweet and Tillman.

MEDICAL SERVICE.—University Physician keeps hours daily at University Infirmary for purposes of consultation. Infirmary care is provided for those requiring it. Constant bedside care is given by resident registered nurse. Dr. Tillman and Mrs. Connell.

LATIN

BEGINNER'S LATIN.—Review. Review and extension credit only. M. T. W. Th. 4:00 E. 15. Mr. Buchholz.

CAESAR.—In this course three books will be thoroly studied. Composition. 1 Normal credit. M. T. W. Th. 3:00 E. 15. Mr. Buchholz.

CICERO.—Three or four orations of Cicero with prose composition. 1 Normal credit. M. T. Th. S. 9:00 E. 15. Mr. Buchholz.

VIRGIL.—Three books of Virgil are read and, in addition, prose composition will be given. 1 Normal credit. M. W. Th. F. 8:00 E. 15. Mr. Buchholz.

LATIN *SIa*.—Selections from Ovid, with a review of the forms and simpler constructions with practice (largely oral) in easy prose composition. If the class prefers, Cicero's *De Senectute* and *De Amicitia* will be read instead of the Ovid. Prerequisite: Three years of High School Latin. 1 college credit. M. W. Th. S. 10:00 E. 15. Mr. Buchholz.

LIBRARY SCIENCE

LIBRARY SCIENCE I.—A course designed to help the teacher-librarian in the small high school. The subjects of book selection, the study of reference books and the organization, in a simple way, of the small high school library will be empha-

sized. $\frac{1}{2}$ college credit. M. W. Th. 10:00 P. 28. Miss Miltimore.

MANUAL TRAINING

MANUAL TRAINING I.—Essentials of wood-working—This is an elementary course consisting of two hours of recitation and four hours of shop work per week. It will cover the case and use of the various carpenter's tools, interpretation of simple drawings, practice in the making of the different joints, glueing, finishing, etc. 1 Normal credit. T. Th. 2:00-5:00 P. 9. Mr. Hamon.

MANUAL TRAINING II.—Furniture construction—Prerequisite: Manual Training I or its equivalent. The class will discuss such problems as shop organization, selection of materials, cost accounting, etc. The major requirement of the course will be to design and construct one piece of permanent furniture. Students will have the opportunity of working on the different machines. $1\frac{1}{2}$ Normal credits. M. W. F. 2:00-5:00 P. 9. Mr. Hamon.

MATHEMATICS

ARITHMETIC.—A thoro review of Arithmetic is made, that the student may view it from both the teacher's and child's point of view. Common and decimal fractions, denominate numbers, percentage and all other subjects covered by the textbooks adopted by the state. Principles and methods of teaching arithmetic are thoroly covered. Review and extension credit only. Seven sections:

- Section 1. M. T. W. F. 11:00 E. 17. Mr. Cassels.
- Section 2. M. T. W. Th. 8:00 E. 17. Mr. Metcalfe.
- Section 3. M. W. Th. S. 10:00 E. 17. Mr. Metcalfe.
- Section 4. M. T. W. F. 12:00 P. 1. Mr. Day.
- Section 5. M. T. Th. F. 4:00 P. 1. Mr. Day.
- Section 6. M. T. Th. F. 3:00 E. 17. Mr. Cassels.
- Section 7. M. T. Th. F. 5:00 P. 1. Mr. Day.

BEGINNER'S ALGEBRA.—Elementary course covering the fundamental operations, simple and simultaneous equations, factoring and fractions. Review and extension credit only. Three sections:

- Section 1. M. T. W. Th. 3:00 P. 20. Mr. Hollingsworth.
- Section 2. M. T. Th. F. 9:00 E. 17. Mr. Metcalfe.
- Section 3. M. T. W. F. 5:00 P. 20. Mr. Cassels.

ADVANCED ALGEBRA.—Involution, Evolution, quadratic equations, progressions, ratio and proportion. 1 Normal and extension credit. Four sections:

Section 1. M. W. Th. S. 10:00 P. 1. Mr. Hollingsworth.

Section 2. M. T. W. Th. 5:00 E. 17. Mr. Metcalfe.

Section 3. M. T. W. Th. 4:00 P. 23. Mr. Cassels.

Section 4. M. T. W. F. 12:00 P. 20. Mr. Hollingsworth.

BEGINNER'S PLANE GEOMETRY I.—Books I and II. 1½ Normal credits. Daily 8:00 P. 20. Mr. Hollingsworth.

PLANE GEOMETRY II.—Review Course—Review and extension credit only. M. T. W. Th. 2:00 E. 17. Mr. Cassels.

SOLID GEOMETRY.—1½ Normal credits. Daily 9:00 P. 10. Mr. Hamon.

COLLEGE COURSES

PLANE TRIGONOMETRY.—1 college credit. M. W. Th. S. 10:00 P. 21. Mr. Hamon.

COLLEGE ALGEBRA.—Selected topics in Fite's "College Algebra." 1½ college credits. Daily 8:00 L. 23. Mr. Simpson.

PLANE ANALYTICAL GEOMETRY.—The first five chapters of Roberts and Colpitts "Analytic Geometry." 1½ college credits. Daily 9:00 L. 23. Mr. Simpson.

ELEMENTARY CALCULUS.—1½ college credits. Daily 11:00 L. 23. Mr. Simpson.

ADVANCED CALCULUS.—1½ college credits. Daily 11:00 L. 23. Mr. Simpson.

Note: Only one of the Calculus courses will be given. Those desiring either of these should hand their names to the instructor before the beginning of Summer School.

MUSIC

MUSIC I.—Rudiments of Music and Sight Singing. ½ college credit. M. T. W. Th. 2:00 E. 10. Mrs. Wall.

MUSIC II.—Sight Singing and methods of teaching public school music in the primary grades. ½ college credit. M. T. Th. F. 3:00 E. 10. Mrs. Wall.

MUSIC III.—Advanced Sight Singing: Two, three and four part music; methods of teaching public school music in all grades. Elementary theory and harmony and simple composition. ½ college credit. M. T. W. F. 4:00 E. 10. Mrs. Wall.

Chorus and glee club work will also be offered.

NATURAL SCIENCE

HIGH SCHOOL BOTANY.—A general introduction to plants—characteristics of important families, pollination, classification. Some of the lower forms of plant life will also be studied. $1\frac{1}{2}$ Normal credits. Recitation W. Th. F. 3:00; Laboratory M. T. W. 4:00-6:00 S. 3. Miss Borger.

HIGH SCHOOL PHYSICS.—A general course, such as is usually given in standard secondary schools—lectures, recitations, demonstrations, and a limited amount of individual laboratory work. $1\frac{1}{2}$ Normal credits. M. W. Th. S. 10:00 E. 33. Laboratory W. F. 4:00-6:00 E. 33. Mr. Perry.

GENERAL SCIENCE.—A course in General Science designed especially to meet the needs of high school teachers. 1 Normal credit. M. T. W. F. 8:00 S. 12. Miss Saunders.

HIGH SCHOOL ZOOLOGY.—An introductory course to the general principles and concepts of animal life. The laboratory work includes observations and dissections of invertebrates and vertebrates. 1 Normal credit. Recitation M. T. 3:00; Laboratory Th. and F. 4:00-6:00 S. 3. Miss Borger.

BIOLOGY X.—Plant Pathology—This course is designed to determine the causal agents, symptoms, diagnosis and treatment of the principal truck and citrus diseases. Some study will be given to the morphology and cultural characteristics of the causal organisms. Prerequisites: Biology IX and XI. $1\frac{1}{2}$ college credits. M. W. 3:00, Laboratory M. T. W. Th. 4:00-6:00 S. 23. Mr. Cody.

BIOLOGY XII.—Agricultural Bacteriology—Relation of bacteria to milk and its products; communicable diseases on the farm; soil bacteria and their influence on soil fertility. Prerequisite: Biology XI. $1\frac{1}{2}$ college credits. T. Th. 3:00, Laboratory M. T. Th. F. 4:00-6:00 S. 23. Mr. Cody.

BIOLOGY IX.—Plant Physiology—This course will include the physiological functioning of roots, stems, leaves, etc.; also some of the chemical and physical changes therein. $1\frac{1}{2}$ college credits. Prerequisite: Chemistry I and Biology II. M. W. 2:00. Laboratory M. T. Th. F. 4:00-6:00 S. 23. Mr. Cody.

CHEMISTRY

CHEMISTRY I.—General Chemistry—A course designed for those who wish to prepare for science teaching in the high school. This course can be taken by those who have never taken chemistry before or by those who have had a course

before and wish to review it. There will be two courses in General Chemistry, one embracing non-metals and one embracing metals. The former is a prerequisite to the latter.

Section 1. Equivalent to first semester of Chemistry I. $2\frac{1}{2}$ college credits. Daily 9:00 Lab. M. T. W. Th. 2:00-4:00 S. 3. Mr. Leigh.

Section 2. Equivalent to second semester of Chemistry I. $2\frac{1}{2}$ college credits. Daily 11:00 Lab. M. T. W. Th. 2:00-4:00 S. 12. Mr. Black.

CHEMISTRY III.—Qualitative Analysis—A laboratory course in this subject offered to those who have had general chemistry. $1\frac{1}{2}$ college credits. T. Th. 2:00, Lab., M. T. W. Th. 2:00-5:00 S. 3. Mr. Leigh.

CHEMISTRY VIIb.—Gravimetric Analysis—A laboratory course offered to those who have had Qualitative Analysis. $1\frac{1}{2}$ college credits. Laboratory afternoons 2:00-5:00, days to be arranged. S. 12. 12 hours per week. Mr. Black.

CHEMISTRY VIIa.—Volumetric Analysis—A laboratory course offered to those who have had Qualitative Analysis. $1\frac{1}{2}$ college credits. Laboratory afternoons 2:00-5:00, days to be arranged. S. 12. 12 hours per week. Mr. Black.

CHEMISTRY V.—Organic Chemistry—This course is designed to present the fundamentals of chemistry of the compounds of carbon. The work in the classroom is presented by means of lectures, quizzes, and oral and written recitations. $2\frac{1}{2}$ college credits. Daily 11:00, Laboratory 2:00-6:00 S. 3, days to be arranged. Mr. Leigh.

PHYSICS

GENERAL PHYSICS.—A course designed for those who wish to prepare for science teaching in the high school or for those who wish to take a course in general physics more extensive and more mature than that offered in the elementary course. This course may be taken by those who have had no previous work in physics but, in that case, Va must be taken as a prerequisite to Vb.

PHYSICS Va.—Mechanics and Heat. 2 college credits. Daily 11:00 E. 33. Lab. T. Th. 2:00-4:00. Mr. Perry.

PHYSICS Vb.—Sound, Light and Electricity—2 college credits. Daily 9:00 E. 33; Lab. T. Th. 2:00-4:00. Mr. Perry.

PHILOSOPHY AND PSYCHOLOGY

ELEMENTARY PSYCHOLOGY.—A beginner's course in psychology with applications to teaching. 1 Normal credit. M. W. Th. S. 10:00 P. 25. Mr. Draper.

PHILOSOPHY Ia.—General Psychology—Facts and theories current in general psychological discussion: the sensations, the sense organs, and the functions of the brain; the higher mental functions—attention, perception, memory, feeling, emotion, volition, the self; and like topics. This course satisfies the professional requirement for the extension of certificates. 1½ college credits. Daily 9:00 P. 17. Mr. Enwall.

PHILOSOPHY IVa.—History of Ancient Philosophy—The development of philosophic thought from its appearance among the Ionic Greeks to the time of Descartes. Special attention will be given to the philosophy of Plato and Aristotle. 1½ college credits. Daily 12:00 P. 17. Mr. Enwall.

PHYSICAL EDUCATION

A course designed to meet the needs of teachers, who, tho not graduates of Physical Education, are expected to have a practical knowledge of, and ability to teach Physical Training in the public schools. Local problems of those in classes will be met as far as possible and schedules formed for the gradual betterment of physical conditions and defects as found among the children of our schools. The aim of this department is to have as many leaders in every community and district as possible, for leadership in playground and school activities.

THEORY

Its relation to health and efficiency; place in curriculum, administration in schools, physical diagnosis and examination. Management of gymnastic material, exercises and games. Growth and development of individual. General topics in exercises discussed from standpoint of the teacher. Education and Ethical Value of Play. Organization and Equipment of Playgrounds. Choice and Classification of Games and Sports for Playground use. Coaching of Teams and Games and Sports.

PRACTICE

GYMNASTICS.—Free standing exercises, calisthenics, marching tactics and apparatus work.

GAMES AND PLAYS.—Especially designed for use in schools, playgrounds and recreation centers.

PHYSICAL EDUCATION I.—Elementary Gymnastics—This class is for beginners and consists mainly of marching, calisthenics and simple apparatus work. Exercises applicable for school room will be given in graduated scale leading up to the more advanced form of exercise. $\frac{1}{2}$ college credit. Section 1—Men M. W. Th. S. 10:00; Section 2—Women M. T. W. Th. 4:00 Gymnasium. Mr. Manchester.

PHYSICAL EDUCATION II.—Advanced Gymnastics—This is for those who have had work either in Course 1 or have made progress in the work elsewhere. This work will consist of advanced floor and apparatus work. $\frac{1}{2}$ college credit. Section 1—Men M. T. W. Th. 11:00; Section 2—Women M. T. W. Th. 5:00 Gymnasium. Mr. Manchester.

PHYSICAL EDUCATION III.—Physiology—A course not going into detail nor for review but to better enable the teacher or leader to recognize faulty conditions and have an intelligent use of natural and artificial methods for correction thru exercise. Action, use and relation of different organs of body and exercises to stimulate and normalize them. General laws governing the body and health. $\frac{1}{2}$ college credit. Section 1—Men F. S. 9:00; Section 2—Women M. W. 9:00 Gymnasium. Mr. Manchester.

PHYSICAL EDUCATION IV.—Anatomy—An elementary course in bony structure, muscles and important nerves in their relation to physical education. Not a review course. $\frac{1}{2}$ college credit. F. S. 11:00 Gymnasium. Mr. Manchester.

PHYSICAL EDUCATION V.—Major Sports—Classes will be organized in the following: Basketball, track, baseball and volley ball with reference to coaching, training, diet and managing. $\frac{1}{2}$ college credit. M. T. W. Th. 2:00 Gymnasium. Mr. Manchester.

PHYSICAL EDUCATION VI.—Minor Sports—All games and competition between individuals and teams not representing major sports. Mass play and its importance in school and playground curriculum. How to organize and carry on minor sports, rules and organization governing them. $\frac{1}{2}$ college credit. M. T. W. Th. 3:00 Gymnasium. Mr. Manchester.

PHYSICAL EDUCATION VII.—General playground and social hour, 7 P. M. This will be given on the campus and is open to everyone. Mr. Manchester, Mr. White.

Note.—All ladies will be required to have middies, bloomers and tennis shoes. It is recommended the middies be white and bloomers dark color.

All men will be required to have baseball trousers or white duck pants, gym shirt and tennis shoes. White gym shirts and white duck pants preferable.

PUBLIC SPEAKING

On account of limited funds, a nominal fee will be charged for the following courses:

EXPRESSION AND PUBLIC SPEAKING.—In the courses offered particular attention will be given to establishing a correct method of breathing, to correcting faulty articulation, and to teaching the principles of interpretation by voice, gesture, and facial expression. In these studies special attention will be given to preparing teachers for carrying on this work in the public schools. Those interested see Professor J. M. Chapman. Law Building. Hours to be arranged.

SOCIAL SCIENCES

CIVICS.—Special attention will be given to local, town, city, and county governments. Information that every intelligent citizen should have is stressed. Five sections. Review and extension credit only.

- Section 1. M. W. Th. 10:00 P. 23. Mr. Willett.
- Section 2. M. W. F. 11:00 P. 20. Miss Carmack.
- Section 3. T. W. F. 2:00 P. 23. Miss Carmack.
- Section 4. W. Th. F. 3:00 L. 9. Mr. McMullen.
- Section 5. M. W. S. 10:00 L. 23. Mr. McMullen.

FLORIDA HISTORY.—State-adopted textbook will be covered. Review and extension credit only. M. W. 10:00 P. 17. Miss Carmack.

ELEMENTARY UNITED STATES HISTORY.—Six sections, each covering thoro review of State-adopted textbook. Review and extension credit only.

- Section 1. M. T. Th. F. 8:00 L. 9. Mr. Willett.
- Section 2. M. T. Th. F. 9:00 L. 25. Mr. McMullen.
- Section 3. M. T. Th. F. 2:00 L. 25. Mr. McMullen.
- Section 4. M. T. Th. F. 3:00 L. 25. Miss Carmack.
- Section 5. M. T. W. F. 12:00 L. 9. Mr. Willett.
- Section 6. M. T. Th. F. 11:00 L. 25. Mr. Willett.

HISTORY.—Ancient—1½ Normal credits. Daily 8:00 L. 12. Mr. McMullen.

HISTORY.—Medieval and Modern—1½ Normal and extension credits. Daily 9:00 P. 1. Miss Carmack.

HISTORY.—English—1 Normal and extension credit. M. T. W. Th. 2:00 L. 10. Mr. Willett.

HIGH SCHOOL HISTORY.—American—1 Normal and extension credit. M. T. Th. F. 11:00 P. 23. Mr. Bourne.

HISTORY AND POLITICAL SCIENCE

THE RENAISSANCE AND THE REFORMATION.—This course covers an important period in the history of European civilization. The political, intellectual, literary and aesthetic phases of the great Italian Renaissance and its effect on the main European states are studied. Special stress is laid on the influence of the movement upon European life and culture. The more important phases of the Protestant Reformation—especially the work and influence of Luther, Zwingli and Calvin—are examined and the political and religious outcome of the movement receives careful analysis. 1½ college credits. Daily 9:00 L. 10. Mr. Leake.

COLLEGE UNITED STATES HISTORY, '1830 TO 1876.—The historical background of the War between the States, the main events of that momentous struggle between the Sections, and the period of Reconstruction, and the "Restoration of Home-Rule" to the Southern States furnish the material for this course. 1½ college credits. Daily 11:00 L. 10. Mr. Leake.

AMERICAN GOVERNMENT AND POLITICS.—A thoro analysis of the institutions and political practices of the United States, together with a brief examination of the fundamental features of our State and local government will constitute the work of this course. Emphasis will be laid on constitutional questions and on present-day political problems. This course will be helpful to teachers of Civics. 1½ college credits. Daily 8:00 L. 10. Mr. Leake.

RELIGIOUS AND SOCIAL SERVICE

GEORGE E. WHITE, General Secretary Y. M. C. A.
Director Department of Religious and Social Service

Under this department the general program of the Young Men's Christian Association, as rendered in the last two years, will be continued. This is not a new department, but it places

the department under a more definite plan in order that it may serve the student life in a better way.

All the other social organizations on the campus, and the County Clubs, will be organized through this department. Every phase of social life will be encouraged. The following is the general program in the

RELIGIOUS DEPARTMENT

Sunday, 7 P. M.—Vesper Services.

Tuesday, 10 A. M.—Chapel.

Wednesday, 7 P. M.—Devotional Services.

Friday, 10 A. M.—Chapel.

SOCIAL DEPARTMENT

Cooperating with the Department of Physical Education.

Monday, 4:00-6:00 P. M.—Plays and games on campus.

Tuesday, 8 P. M.—Moving pictures in Gymnasium.

Wednesday, 4:00-6:00 P. M.—Plays and games on campus.

Thursday, 8 P. M.—Peabody Club.

Friday, 8:00-11:00 P. M.—Socials in Social Hall and Gymnasium.

SOCIOLOGY AND ECONOMICS

The work of this department for the summer session has in view the needs of several groups: first, regular college students planning to enter business or public service; second, graduates of business colleges who desire advanced work in business training; third, high school teachers who are giving or plan to give courses in Sociology and Economics, and fourth, those engaged in business who cannot get away for longer than a month. The courses in Accounting and Transportation have been made possible only through the cooperation of the General Extension Department of the University, and those of the last mentioned class will be permitted to continue their work by correspondence. College credit, however, will be given only to those duly qualified, and after the work has been completed.

SOCIOLOGY Ia.—A study of the factors and forces that make for social efficiency and social progress. 1½ college credits. Daily 8:00 L. 11. Mr. Bristol.

ECONOMICS B.—The development of our industrial system; nature and scope of the productive process; the different agents in production; productive efficiency; forms of indus-

trial organization; problems of finance and management. 1½ college credits. Daily 9:00 L. 11. Mr. Bristol.

ECONOMICS XIa.—Elements of Accounting. 1½ college credits. M. W. F. 11:00; Lab. M. W. F. 4:00-6:00 P. 18. Mr. Hart.

ECONOMICS XIb.—Advanced Accounting—A continuation of the preceding course, but open to those who have had book-keeping or elementary accounting. T. Th. S. 11:00; Lab. T. Th. F. 2:00-4:00 P. 18. 1½ college credits. Mr. Hart.

ECONOMICS IIIb.—Transportation—A study of the nature, history and problems of transportation. Open to advanced students who have had one course in Economics. 1½ college credits. M. W. Th. 10:00; Lab. M. 2:00-4:00 T. Th. 4:00-6:00 P. 18. Mr. Hart.

SPANISH

SPANISH Aa.—Elementary Course—Pronunciation, forms, elementary syntax, dictation, written exercises, memorizing of vocabularies. 1½ college credits. Daily 11:00 P. 28. Mr. Hathaway.

SPANISH Ia.—Intermediate Course—Work of Elementary Course continued, advanced grammar, including syntax, prose composition. 1½ college credits. Daily 9:00 L. 9. Mr. Manchester.

ROOMS

All who expect to occupy dormitory rooms, which in every case are comfortable and commodious, should make reservations as soon as possible. If for sickness or other reasons a student finds it impossible to come to the Summer School, reservation should be cancelled so that other students may have an opportunity to occupy the room that has been reserved.

For room reservations and general information as to the Summer School, address

J. W. NORMAN,
Dean of Teachers College,
Gainesville, Fla.

University of Florida

Gainesville, Florida

Normal School and Teachers College

REVIEW COURSES

A ONE-YEAR COURSE

A TWO-YEAR ELEMENTARY PROFESSIONAL COURSE

REGULAR FOUR-YEAR NORMAL COURSE

COURSES LEADING TO AN A. B. DEGREE IN EDUCATION

COURSES LEADING TO A B.S. DEGREE IN EDUCATION

COURSES LEADING TO GRADUATE DEGREES

THE SUMMER SCHOOL

For information write,

J. W. NORMAN, *Dean*