

OFFICIAL PUBLICATIONS OF CORNELL UNIVERSITY

VOLUME VII

NUMBER 6

ANNOUNCEMENT OF COURSES
FOR THE TRAINING OF
TEACHERS AND SUPERVISORS OF MUSIC
IN THE
TWENTY-FIFTH SUMMER SESSION
JULY 6 TO AUGUST 16, 1916

FEBRUARY 15, 1916
PUBLISHED BY CORNELL UNIVERSITY
ITHACA, NEW YORK

CALENDAR

SUMMER SESSION, 1916

In order that the Department of Music may complete the full number of exercises announced for the Session, it is necessary that class work begin promptly. All new students are, therefore, urged to be in Ithaca on Wednesday morning, July 5, for registration and classification.

On reaching Ithaca, students in the Department of Music should go to Barnes Hall, Campus, if they have not already had rooms assigned to them. Street cars from all railroad stations (except the East Ithaca station) go directly to Barnes Hall, Sage College, Prudence Risley Hall, and Cascadilla Hall.

Letters and telegrams for students in the Department of Music may be addressed in care of Department of Music, Barnes Hall, or they may be sent to the residential halls. The telephone connections at Barnes Hall are, Bell telephone, number 561; Ithaca telephone, number 2110.

July 5, Wednesday,	8 a. m. to 9 p. m. Classification of new students at the office of the Department of Music, Barnes Hall.
July 6, Thursday,	8 a. m. to 9 p. m. Registration of former students at the office of the Department of Music, Barnes Hall.
July 6, Thursday,	8 a. m. to 5 p. m. Registration at office of Registrar, Morrill Hall.
July 6, Thursday,	2:15 p. m. Elementary Examination (C Class): History of Music and Current Events.
July 6, Thursday,	2:15 p. m. Examination (D Class): History of Music and Current Events, Boardman Hall.
July 6, Thursday,	Members of the D class submit written review of White's "The Art of Teaching" and Page's "Theory and Practice of Teaching."
July 6, Thursday, and following Thursdays,	8 p. m. Organ recital, Bailey Hall.
July 7, Friday,	2:15 p. m. Examinations for removal of conditions.
July 10, Monday,	Last day for presentation of tuition receipts at office of Department of Music.
July 11, Tuesday, and following Tuesdays,	8 p. m. Organ recital, Sage Chapel.
August 11, Friday,	8 p. m. Concert by the Department of Music, Bailey Hall.
August 14, Monday,	8 a. m. to 3 p. m. Examinations, fourth year class, Department of Music, Boardman Hall.
August 15, Tuesday,	8 p. m. Closing exercises of the Department of Music, conferring of certificates to the fourth year class, Auditorium, Stimson Hall.
August 16, Wednesday,	8 a. m. to 3 p. m. Examinations, first year, second year, and third year classes, Department of Music. Summer Session closes.

Information concerning admission, tuition fee, cost of living, rooms and board, and railroad routes and rates will be found on pages 14 to 18 of this pamphlet.

The work of the Department of Music, which is described in this announcement, forms an integral part of the entire work of the Summer Session.

The general announcement of the Summer Session, including courses of instruction in all departments, will be sent free on application to The Director of the Summer Session, Cornell University, Ithaca, N. Y.

**DEPARTMENT OF MUSIC
SUMMER SESSION**

APPLICATION FOR ADMISSION

Please enroll my name as a student in the Course for Supervisors of Music at the 1916 Summer Session.

Name
 (Last name) (First name) (Middle name)

Permanent address.....
 (Street) (City or Town) (State)

Teaching experience {
 (No. of years) (Where)

 (In what capacity)

Student of {
 High School.....years (City or Town) (State).....Graduated, 19..

 Normal School.....years (City or Town) (State).....Graduated, 19..

 Conservatory.....years (City or Town) (State).....Graduated, 19..

 College or University.....years (City or Town) (State).....Graduated, 19..

Carefully fill out this blank, detach and mail to Department of Music, Cornell University, Ithaca, N. Y.

NOTE—See entrance requirements, page 7.

CORNELL UNIVERSITY SUMMER SESSION, 1916

OFFICERS

Jacob Gould Schurman, LL.D., President of the University
George Prentice Bristol, A.M., Director of the Summer Session
David Fletcher Hoy, M.S., Registrar of the University

FACULTY OF THE DEPARTMENT OF MUSIC

Hollis Dann, Mus. D.

Professor of Music, Cornell University
Principal of the Department of Music

Laura Bryant

Director of Music in the Public Schools
Ithaca, New York

Walter H. Butterfield

Director of Music in the Public Schools
Manchester, New Hampshire

Bernice White

Instructor in Music, Hunter College
New York City

Stella Stark

Director of Music, State Normal School
Buffalo, New York

Arthur Edward Johnstone

Teacher of Theory and Piano
New York City

Burton T. Scales, A.B.

Director of Vocal Music, Girard College
Philadelphia, Pennsylvania

William H. Hoerrner

Professor of Music, Colgate University
Hamilton, New York

James T. Quarles, A.A.G.O.

Organist and Teacher of Theory
Cornell University

CORNELL UNIVERSITY

Hamlin E. Cogswell, Mus. M.

Director of Music in the Public Schools
Washington, D. C.

Helen Allen Hunt

Teacher of Singing
Boston, Massachusetts

Ernest R. Kroeger

Director of Kroeger School of Music
St. Louis, Missouri

Bertyne NeCollins

Teacher of Singing
New York City

William C. Ballard

Instructor in Electrical Engineering
Cornell University

Alice P. Sheffer

Principal Fall Creek School
Ithaca, New York

Ruth Atkinson

Supervisor of Physical Education
State Normal School, Kent, Ohio

Ardra Soule

Teacher of Physical Education
Hingham, Massachusetts



PRUDENCE RISLEY HALL

COURSES OF INSTRUCTION IN THE DEPARTMENT OF MUSIC

Most of the courses offered consist of five exercises a week, one each week day except Saturday. The number of actual hours of class work in any course may be found by multiplying the weekly exercises by six.

The word "hour" used in speaking of University credit, means the equivalent of one class exercise a week for a half year. One hundred and twenty such hours constitute the "hours" requirement for the degree of Bachelor of Arts.

COURSES FOR SUPERVISORS OF MUSIC

These courses are primarily intended for the training of supervisors and special teachers of music in the public schools, normal schools, and colleges. The time required for the completion of the work depends on the ability and capacity of the student and upon the amount and quality of training which the student has had previous to entrance.

Experienced teachers who are proficient in sight reading, ear training, elementary harmony, piano playing, and singing, and who pass the examinations for the first and second year courses, may complete the work in two Summer Sessions. Others will find it necessary to attend three or four Summer Sessions and to pursue a considerable amount of study at home during the academic years between Sessions. Full and detailed information in regard to this home study may be had by applying to Professor Hollis Dann.

ENTRANCE REQUIREMENTS

Requirements for admission to the Supervisor's Course include the following—

Ability to sing familiar hymn tunes and folk tunes with a fair degree of accuracy and facility.

The possession of an acceptable singing voice and of a sense of tone and rhythm.

A fair amount of elementary musical training.

A general academic education including the ability to speak, write, and spell the English language acceptably.

Examinations are given to each new student. Credit for previous work done at other institutions or under private teachers is based upon the results of these examinations.

The limit in numbers was reached at the 1915 session at which 255 regular students were in attendance from 22 States.

The number of students at the 1916 Session will be limited to 250 in order that the standards heretofore set by the Department may continue to improve, that overcrowding of classes may be avoided, and that proper attention may be given to individual students.

Any former student in good standing will be enrolled on receipt of his application (See Application Blank, page 3) provided the application is received prior to July 5, 1916.

The Department of Music reserves the right to reject applications for admission made after the opening of the Session on July 5, 1916. On account of the

large number in attendance the applications for admission of regular music students will be given preference over those of special students from other departments.

EXAMINATIONS FOR REMOVAL OF CONDITIONS

Former students desiring to take an examination for the removal of a condition in any subject should make application to the Principal before July 1, 1916.

ADVANCED COURSES

An increasing number of teachers who have completed the course for Supervisors return each year for advanced study. Several courses, open only to teachers who have completed the course for Supervisors of Music at Cornell University, are now offered. Subject to certain conditions relating to regular attendance, all A, B, C, and D classes are also open to these students.

COURSES IN PHYSICAL EDUCATION

Recognizing the demand for physical training in the public schools, and realizing the intimate relation which this subject, properly taught, bears to music in the schools, the department has included physical training in the course for supervisors.

NORMAL COURSES IN PIANO TEACHING

Standardization of music teaching and of credits for the study of music, are subjects receiving attention by the educational authorities throughout the country. It will soon be the rule in High Schools, rather than the exception, to give credit toward graduation for outside study of music. Recognizing the demand for teachers qualified to supervise credited courses, especially for the piano, the University has engaged one of the foremost composers and teachers in the country to conduct normal courses for teachers of the piano. These courses will be based on the Progressive Series of Piano Lessons which makes possible the standardization of piano teaching and solves most of the difficulties which have hitherto prevented the adoption of a system of credits for outside study of music.

First year courses are designated A. Second year courses are designated B. Third year courses are designated C. Fourth year courses are designated D. Advanced courses are designated E.

COURSES OFFERED IN 1916

Sight Reading—A. This is an elementary course. For entrance the student must possess sufficient aptitude and ability to pursue the subject with profit, a singing voice of acceptable quality, and the ability to sing familiar hymn and folk tunes with a fair degree of accuracy and facility.

In order to complete this course the student must be able to sing at sight with facility, using the Latin syllables, simple music such as that taught in the first four grades of the public schools.

Daily except Saturday, 9:15, (two sections), Miss WHITE, Miss STARK.

Sight Reading—B. This course requires singing individually at sight, with and without syllables, music such as that taught in the first seven grades of the public schools.

Daily except Saturday, 9:15 (two sections), Mr. SCALES, Prof. HOERRNER.

Sight Reading—C. The student is required to sing at sight without accompaniment, reading words and music simultaneously, the music used in the upper grades of the public schools and in the high school, including music such as that found in *Art Songs* by Will Earhart.

University credit, one hour.

Daily except Saturday, 11:15 (two sections), Mr. SCALES, Prof. HOERRNER.

Proficiency in sight singing is of great advantage to the student entering the Supervisor's Course. Students planning to enter are strongly advised to acquire the ability to sing simple music at sight, using the syllable names, before making application for admission.

Dictation—A. (Study of tone and rhythm). The subject matter of music is presented first to the sense of hearing. In this course the student gains the power to think tones and to sense rhythms, and gains the ability to recognize and write simple melodic phrases in all keys.

Each student is required to complete the oral and written dictation work of the first four years in music as outlined in the *Complete Manual for Teachers* by Hollis Dann, including singing from memory all sequential studies.

Daily except Friday and Saturday, 10:15 (two sections), Miss WHITE, Miss STARK.

Dictation—B. This course deals with the problems of tone and rhythm included in the first six years in the public schools.

Each student is required to complete the oral and written dictation, including all sequential studies, as outlined for the first six years in the *Complete Manual for Teachers*.

University credit, two hours.

Daily except Friday and Saturday, 10:15, Mr. BUTTERFIELD.

Dictation—C. This course includes the advanced study of tone and rhythm and requires considerable skill and facility in the recognition and application of all tonal and rhythmic problems, including the writing from hearing of melodies of moderate tonal and rhythmic difficulty in both the major and minor modes.

Members of this class will complete the course in dictation as outlined in the *Complete Manual for Teachers* by Hollis Dann, including the first twenty-six lessons of the Supplementary Material, pages 188 to 206, and the singing of all sequential studies, major, minor, and chromatic.

University credit, two hours.

Daily except Saturday, 9:15, Mr. BUTTERFIELD.

These courses in ear training, together with the courses in sight reading, harmony and melody, give to the student a mastery of the elementary subject matter of music and constitute the fundamental training which is essential for advanced study.

The superiority of the best European schools of music over most American schools is largely due to the thorough three year course in sight singing and dictation which is required of every student. The student in harmony and counterpoint hears and visualizes the

chord and the melody before he writes them; the orchestral player hears the tones and feels the rhythm of a difficult passage before he plays it; the singer likewise acquires the musicianship which is evidenced by his ability to read and write the language.

The power to read and write a language with facility is a prerequisite to any advanced study of its literature. This is as true of Music as it is of English or German. The proper place for this fundamental training is in the elementary and secondary schools.

Students planning to enter these courses are advised to acquire some degree of proficiency in recognizing and taking down simple melodies. For directions concerning home study apply to the Principal of the Department of Music.

Elementary Principles and Practice of Teaching—A. The aim of this course is to acquaint the student with the elementary principles of teaching, and to furnish practical training in the art of teaching. The text book used is *The Art of Teaching* by Dr. Emerson E. White. Prospective students are advised to study carefully this book before beginning the course.

Classes of children will be in attendance.

University credit, one hour.

Daily except Saturday, 11:15, Miss SHEFFER.

Material and Methods—B. This course is devoted to the study and demonstration of material and methods for the Kindergarten and first four years in music. Special attention is given to the selection, presentation, and interpretation of rote songs for the primary grades, the presentation of the different tonal and rhythmic problems as they are taken up in successive years, the selection and use of material for the different grades, etc.

University credit, two hours.

Daily except Saturday, 11:15, Miss BRYANT.

Material and Methods—C. This course is open to students who have completed Material and Methods—B, and is devoted to the teaching and supervising of music in the upper grades, from the fifth to the eighth, inclusive. The work of each year is taken up in detail and the problems which confront the grade teacher and supervisor are carefully considered.

University credit, two hours.

Daily except Saturday, 10:15, Professor DANN.

On Friday of each week at 10:15 the lesson in methods will consist of a demonstration with a class of children from the Ithaca public schools. Students will thus have the opportunity of observing the practical application of methods to classes of children representing the several grades in the public schools.

High and Normal School Music—D. This is an advanced course to which only fourth year and more advanced students are admitted. The many difficult problems which confront the music teacher in the high and normal school are carefully studied.

Some of the topics for special consideration are: the school chorus, glee clubs, classification of voices, grading and classification of high school students in music, bibliography of choral music suitable for high and normal schools, preparation for teaching in normal and training schools, elective courses, credits for the study of music both in and outside of the high school, etc.

University credit, two hours.

Daily except Friday and Saturday, 12:15, Professor DANN.

Practice Teaching—D Open to fourth year students only. No visitors. Practical use of material for all grades, and application of methods of teaching.

Each student will be given frequent opportunity for practice teaching under supervision of the instructor. Classes of children of different grades will be in attendance.

No student can complete the course for supervisors until he is able to demonstrate his mastery of the subject matter and methods by actual teaching. It is highly important that each student shall have had some experience in teaching in the public schools before entering this class. **A year's experience as a grade teacher is invaluable and almost indispensable.**

University credit, one hour.

Daily except Saturday, 9:15, Miss BRYANT.

Rudiments of Music—A. This course provides instruction in the elements of music. The following are taken up for study: clefs, signification and origin; names of pitches as established by the G-clef and F-clef; construction of major scale (without key-signature); measure signatures, note-values, rhythms; normal harmonic and melodic minor scales; key-signatures; notation of chromatic scale with each key-signature; intervals; triads; music terminology, etc.

Daily except Saturday, 12:15, Mr. SCALES.

Harmony—B. Triads and their inversions in major and minor tonalities. Connection of the triads in four-part writing. Theory of consonances and dissonances. The dominant seventh and its inversions.

University credit, two hours.

Daily except Saturday, 12:15, Mr. BALLARD.

Melody and Harmony—C. The principles of melody construction. Normal rhythms and voice progressions. Melody-writing, stepwise and with simple skips. The phrase, the period. Secondary chords of the seventh and their inversions.

University credit, two hours.

Daily except Saturday, 12:15, Mr. JOHNSTONE.

Melody and Harmony—D. Melody writing in major and minor with special reference to harmonic suggestion. Harmonization of melodies. Melody-writing in two parts. Figured basses. Transposition, modulation.

University, credit, one hour.

Monday, Wednesday and Friday, 11:15, Mr. JOHNSTONE.

Chorus. Required of all regular students excepting those who have completed the course for supervisors. Five periods a week are devoted to chorus singing and to instruction in the technical and interpretative elements of choral music. Topics for special consideration are: position, breathing, tone production, vowel study, interpretation, and the preparation and performance of choral music. Cantatas and choruses suitable for high and normal schools will be sung by the chorus at the concerts given by the Department of Music.

Daily except Saturday, 8:00, Professor DANN.

Choral Conducting—D. Open to fourth year students only. The routine and technique of choral conducting. Each member of the class is required to prepare and conduct choral selections under the supervision of the instructor.

Monday and Tuesday, 10:15, Professor HOERRNER.
Additional hours to be arranged.

Orchestral Conducting—D. Open to fourth year students only. A school orchestra will be organized from the Ithaca schools. A large repertoire of music suitable for school orchestras will be collected for the benefit of the members of the class, who will have the opportunity of observing and participating in the work of organizing, conducting, and developing the school orchestra. Any student who plays an instrument of the symphony orchestra is requested to bring his instrument.

Wednesday and Thursday, 10:15, Mr. COGSWELL.

Voice Training—A and B. (Elective). Class lecture lessons. Individual and class instruction.

Daily except Wednesday and Saturday, 2:15, Mrs. NECOLLINS.

Voice Training—D and E. Class lecture lessons. Individual and class instruction and demonstration. The foundation of singing, breath control; free vocal emission and aural appreciation; phrasing, accent, rhythm, and diction in artistic rendition; all leading to a strong vocalized declamation without unnecessary effort or complication.

Monday, Tuesday and Thursday at 2:15; Friday at 12:15, Mrs. HUNT.

Principles and Practice of Teaching—D. This is a home-study course. Texts, *The Art of Teaching* by Dr. E. E. White and *The Theory and Practice of Teaching* by David P. Page. A careful study of these books is recommended. Each fourth year student will write a review of these books, enumerating the leading principles of teaching, specifying those which apply especially to the teaching of music, describing the practices which seriously impair the teaching process, and specifying those practices or habits which materially strengthen the teacher's work and influence. The student will also state what portions of either book he finds most helpful and will briefly compare the two books. **The paper must be presented in the student's handwriting, at the office of the Department of Music, not later than Friday, July 7, and must comprise not less than 1000 and not more than 1500 words.**

History of Music and Current Events—C. This is a home-study course. An elementary examination in the history of music and current events for all C students will be given at 2:15 p.m. on July 6. (See History of Music D.)

History of Music and Current Events—D. A general knowledge of the history of music and a fair degree of familiarity with current events, especially in the world of music, is required. An examination will be given to the fourth year class covering only important and well known facts concerning the development of classical, romantic, and modern music, the great composers and their principal works, contemporary composers and their best known compositions, current events. Whatever special preparation is necessary must be made by means of home study. Hamilton's *Outlines of Music History* is suggested as a text book in the History of Music, and *Musical America* as a text for the study of current musical events. **The examination at the 1916 Session will be held at 2:15 p.m., Thursday, July 6. At least one question will have to do with general current events outside the subject of music.**

Musical Appreciation—E. Open to advanced students only. Musical art-works analyzed with a view to forming a basis for intelligent criticism. The modern Player-piano as an aid in musical appreciation; as an art instrument; its recent applications to pedagogy; its special technique.

Tuesdays and Thursdays, 11:15, Mr. JOHNSTONE.

Musical Composition—E. Open only to those who have completed Melody C, and Melody and Harmony D. This course includes instruction in the development of musical ideas (motives, themes); the logical sequence of keys; balance of parts of a composition (elementary form); essentials of good melody; song writing; the unity of text and music in rhythm and in content; song accompaniments.

University credit, one hour.

Monday, Wednesday and Friday, 9:15, Mr. JOHNSTONE.

Orchestral Technique—E. Open to advanced students only.

The Orchestra. Its instruments considered separately and in combination; the 23 part symphony orchestra, its sections and parts; smaller combinations—16, 14, 12, and 10 parts and piano; theory and mechanism of the instruments, the transposing instruments; the nature and idiomatic quality of the different parts; positions on the violin; the difficulties encountered in connection with different instruments; tuning and seating the orchestra; suitable music, methods of ordering, etc.

University credit, one hour.

Wednesday and Friday, 2:15, Mr. COGSWELL.

NORMAL COURSES IN PIANO TEACHING (Elective)

I. Elementary and Intermediate. On completion of Course I the student will receive an intermediate certificate of qualification to teach the Elementary and Intermediate Courses of the Progressive Series.

University credit, two hours.

Daily except Saturday, 3:00, Mr. KROEGER.

II. Advanced. Teachers who complete Course II will receive a certificate of qualification to teach the Advanced Course of the Progressive Series.

University credit, two hours.

Daily except Saturday, hour to be arranged, Mr. KROEGER.

Before receiving the teacher's certificate in either Course, the student is required to pass the Standard Examinations of the Progressive Series, both Theoretical and Practical.

The examination may be deferred, however, until the completion of further home study and practice, and may be taken either at the close of the Summer Session, or during the intervening year, or at the close of another Summer Session.

Regular students who desire to become familiar with the system may take the Normal Course without taking the Practical Examinations in Piano Playing.

Physical Education for Women (Elective).

I-a. Open to students attending the physical training classes for the first time. A general course in the methods of Physical Education for teachers in the grades and in the high school.

The course will include posture training, school and personal hygiene, means for promoting proper physical growth and development, and the relation of proper

nutrition and physical well-being to mind action. Particular attention will be paid to free-hand and light apparatus games, rhythmic movements and their relation to music and physical education, gymnastic stories, singing games, and folk dances.

Daily except Friday and Saturday, hours to be arranged, Miss ATKINSON.

I-b. Advanced work in same material as I-a. May be elected by those having had previous training at Cornell or elsewhere, or by those desiring to take courses I-a and I-b simultaneously.

University credit, one hour.

Daily except Friday and Saturday, hours to be arranged, Miss ATKINSON.

II-a. A course designed to furnish practical material for teachers of the lower grades and to meet the need of those who have not had previous instruction in the following: aesthetic movements and simple dancing steps, folk dancing and singing games.

Daily except Friday and Saturday; hours to be arranged, Miss SOULE.

II-b. Open to those who have taken work equivalent to II-a and to special students in Physical Education who desire to take both II-a and II-b. The course is designed to furnish material for teachers of upper grades and in high schools. Aesthetic movements, folk dancing, aesthetic, solo, and group dances.

University credit, one hour

Daily except Friday and Saturday, hours to be arranged, Miss SOULE.

III. **Gymnasium Play-Hour.** Review of work in all courses, and games for all students in the department. Required of all students registered in the Physical Education Department. Open to visitors.

Friday, in Armory or out of doors; hour to be arranged, Miss ATKINSON.

A gymnasium dress, consisting of bloomers, middy blouse, ballet or gymnasium slippers, is required of all students taking the work. These articles may be purchased in Ithaca or brought from home according to individual preference.

STATISTICS OF ATTENDANCE, 1915

The total enrollment in the Summer Session of 1915 was 1509 (707 men, 802 women). Of this number 484 were students during the previous winter; 695 were persons engaged in teaching, of whom 57 were teachers in college, 19 in normal schools, 230 in high schools, 243 in elementary schools, 30 in private schools, and 116 were supervisors or superintendents.

ADMISSION—CLASSIFICATION—REGISTRATION

Admission to all classes in the Department of Music is determined by individual classification at the opening of the session. All who intend to enter or continue the course for supervisors of music should carefully fill out the Application Blank found on page 3 of this Announcement, detach it and mail it to the Department of Music, Cornell University, Ithaca, N. Y. before July 5. All new students should be present at Barnes Hall on Wednesday morning, July 5. All students are required to register at the office of the Registrar in Morrill Hall also. The Registrar's office is open from 9 a.m. to 4 p.m. daily, except Saturday, when it is closed at noon.



SAGE COLLEGE

DEPARTMENT OF MUSIC, CORNELL UNIVERSITY

Daily Program, Summer Session, 1916

	A First-year Courses	B Second-year Courses	C Third-year Courses	D Fourth-year Courses	E Advanced Courses
8:00 9:00	Chorus				
9:15 to 10:00	Sight Reading Miss White Miss Stark	Sight Reading Mr. Scales Prof. Hoerrner	Dictation Mr. Butterfield	Practice Teaching Miss Bryant	Mus. Comp. (3) Mon., Wed. and Fri. Mr. Johnstone
10:15 to 11:00	Dictation Miss White Miss Stark	Dictation Mr. Butterfield	Material and Methods Grammar Grades Prof. Dann	Choral Conducting M & T Prof. Hoerrner Orchestral Conducting Wed. and Thurs. Mr. Cogswell	
11:15 to 12:00	Elementary Principles and Practice of Teach- ing Miss Sheffer	Material and Methods (First 4 years) Miss Bryant	Sight Reading Mr. Scales Prof. Hoerrner	Melody and Harmony (3) Mon., Wed. and Fri. Mr. Johnstone	Mus. Appreciation (2) Tues. and Thurs. Mr. Johnstone
12:15 to 1:00	Rudiments of Music Mr. Scales	Elementary Harmony Mr. Ballard	Harmony and Melody Mr. Johnstone	High & Normal School Music (4) Prof. Dann Voice Training (1) Fri. Mrs. Hunt	
2:15 to 2:55	Dictation Miss Stark Voice Training* Mrs. NeCollins	Sight Reading Mr. Scales Dictation Mr. Butterfield		Voice Training (3) M. T. Th. Mrs. Hunt	Orchestral Technique (2) W. & F. Mr. Cogswell
3:00 to 3:45	Normal Piano Course Mr. Kroeger				

*Open to A and B students.

All classes will meet on Saturday, July 8.

The classes in Physical Education will be organized July 6, 7 and 8.

Students who have attended one or more sessions in the Department of Music, and who are not conditioned in any subject, should register Thursday, July 6. All classes will meet for regular work on Friday morning, July 7, beginning at 8 o'clock. The entire faculty will be in attendance Wednesday, July 5 to assist in the classification of new students. **It is important that the classification and registration of new students be completed on Wednesday, July 5.**

TUITION FEE

The single tuition fee for the entire Summer Session, whether one course or more is taken, is \$30. This must be paid at the office of the Treasurer, Room 1, Morrill Hall, within five days after registration day. In case of withdrawal, for reasons satisfactory to the Treasurer and the Registrar within five days from the first registration day, the tuition paid may be refunded and the charge cancelled. In case of withdrawal within two weeks of the first registration day, one-half the tuition paid may be refunded. No student will be admitted without the payment of this fee.

In 1917 and thereafter, all persons registering for the first time in the University Summer Session shall pay a registration fee of \$5. This fee bears no relation to the University matriculation fee.

All tuition and other fees may be changed or increased by the Trustees to take effect at any time without previous notice.

ACADEMIC CREDIT FOR WORK

In the College of Arts and Sciences. The requirements for the degree of Bachelor of Arts are residence for eight terms (four years), and the completion of one hundred twenty hours ("points") of elective work. A student who has satisfied the entrance requirements of the college, and has afterward completed in two or more summer sessions at least twelve hours of work in courses approved by the departments concerned, may be regarded as having thus satisfied one term of residence. Under no circumstances shall work done in summer sessions be accepted as the equivalent of more than two terms of residence. The maximum amount of credit towards the A.B. degree which is allowed for the work of any one summer session is seven hours.

Certificates for Work Completed. All students in the Department of Music of the Summer Session will receive certificates of attendance and of work accomplished, covering all subjects in which the work has been satisfactorily performed. Each certificate will be forwarded by mail to the home address after the close of the Session.

The University issues a Supervisor's Certificate to each student who completes the course for Supervisors of Music.

THE LIBRARIES

The University Library is open on week days from 9 a. m. to 10 p. m., except Saturday, when it closes at 1 p. m. In this is housed the main library, containing about 445,000 bound volumes. The main reading room affords accommodations for over two hundred readers, and contains a selected library of over 8,000 volumes of reference works. Adjacent to it is the periodical room in

which are kept the current numbers of about five hundred journals in various fields of knowledge. These rooms are open to all students. The main collection is primarily a library of reference for use in the building. Students are, however, to a limited extent allowed to take out books for home use. Students wishing this privilege must make a deposit of \$5, which will be refunded upon the return of all books taken out.

LECTURES—MUSICAL RECITALS—EXCURSIONS

There will be lectures on topics of general interest on Monday evenings throughout the session. In addition to these there are lectures on topics of general interest each week in connection with the various departments. Notice of these will be given in the calendar for each week during the session.

Organ recitals will be given on Tuesday evenings in Sage Chapel and on Thursday evenings in Bailey Hall. Other concerts and recitals will be announced during the session.

Wednesday evenings are devoted to the departmental conferences which are open to all interested. Notice of these will be given in the weekly calendar.

In connection with the work of several departments excursions are made to many points of interest. Some of the excursions are open to all members of the Summer Session. Notice of these excursions is given from week to week.

RESIDENTIAL HALLS—ROOMS—BOARD

1. For Women. The University has three residential halls for women in which board and rooms may be obtained during the Summer Session by registered students only.

Rooms in these buildings will be reserved in the order of application. Each application for a room must be accompanied by a deposit of \$5.00 or the application will not be entered. If the room assigned is occupied by the applicant, the deposit is held until the end of the session to cover the return of keys, damage to building or furniture other than the ordinary wear and tear, and to insure the completion of the lease. The deposit will be refunded if the applicant gives formal notice to the manager on or before June 15 that she wishes to withdraw her application.

In Sage College, which accommodates 175, the charge for room, table board, and a specified amount of laundry, will be, for the session, from \$48 to \$60 according to the size and location of the room.

In Prudence Risley Hall, which accommodates 144, the charge will be from \$54 to \$57 according to the room occupied.

In both buildings this charge includes dinner on Wed., July 5, lodging Wednesday night (not earlier), and all meals to and including dinner August 17.

Members of the Summer Session who do not room in Sage College or Prudence Risley Hall may obtain table board at either building. The charge is \$5.50 per week.

In Cascadilla Hall a furnished room may be had for the six weeks of the Summer Session at a cost of \$10 to \$18. This building is furnished like the others but has shower baths and not tubs. In this building the University maintains a cafeteria restaurant where meals may be had at very reasonable rates.

2. For Men. A part of Cascadilla Hall, mentioned above, and Founder's Hall, one of the new group of residence halls, are available for men students. Founder's Hall will not be kept open unless the demand for rooms is sufficient to warrant it. Rooms may be reserved in either Cascadilla Hall or Founder's Hall by men students in the Summer Session, on the understanding that the University may transfer this reservation from either building to the other.

For room plans and all information relative to these halls, apply to Thomas Tree, Manager of Residential Halls, Sage College, Ithaca, N. Y.

Checks for reservation of rooms or in payment of board bills should be drawn to the order of Thomas Tree, Manager of Residential Halls.

RECREATION

The immediate vicinity of Ithaca offers numerous opportunities for attractive walks and drives. Excursions to Cayuga Lake, to Watkins Glen, and to Niagara Falls are conducted in connection with the Department of Geography and all summer students are permitted to go, provided there is room for more than the regular classes. The Country Club, which has tennis courts and a fine golf course, offers a special limited summer membership at a low fee. In addition there are tennis courts available near the University.

The Campus proper affords opportunity for an attractive out-of-door life.

RAILROAD ROUTES AND RATES

Ithaca is reached by the Lehigh Valley and Lackawanna railroads and by the Ithaca-Auburn Short Line. A branch of the Lackawanna leaves the main line at Owego. Through trains run from New York and Buffalo on the Lehigh and through sleeping cars run daily from New York on both the Lehigh and Lackawanna roads. From Philadelphia, Baltimore, Washington, and the South, via the Baltimore & Ohio, the Philadelphia & Reading connects with the Lehigh at Bethlehem. The Lehigh and the Ithaca-Auburn Short Line connect with the New York Central at Auburn; the Lehigh also connects with the Pennsylvania (Northern Central) and the Erie at Elmira.

Summer excursion tickets to Ithaca may be purchased at some central points. Information regarding rates should be sought at the home railroad office.

OFFICIAL PUBLICATIONS OF CORNELL UNIVERSITY

Issued at Ithaca, New York, monthly from July to November inclusive, and semi-monthly from December to June inclusive.

[Entered as second-class matter, August 31, 1910, at the post office, at Ithaca New York, under the Act of July 16, 1894.]

These publications include:

The Annual Register (for the year 1915-16, published January 1, 1916), price 50 cents.

Book of Views, price 25 cents.

Directory of Faculty and Students, Second Term, 1915-16, price 10 cents, and the following informational publications, any one of which will be sent gratis and post-free on request. The date of the last edition of each publication is given after the title.

General Circular of Information for Prospective Students, December 15, 1915.

Announcement of the College of Arts and Sciences, May 1, 1915.

Announcement of the Department of Chemistry, May 15, 1915.

Announcement of Sibley College of Mechanical Engineering and the Mechanic Arts, January 15, 1916.

Announcement of the College of Civil Engineering, March 1, 1915.

Announcement of the College of Law, June 1, 1915.

Announcement of the College of Architecture, August 1, 1915.

Announcement of the New York State College of Agriculture, July 1, 1915.

Announcement of the Winter Courses in the College of Agriculture, September 1, 1915.

Announcement of the Summer Term in Agriculture, April 15, 1915.

Announcement of the New York State Veterinary College, June 15, 1915.

Announcement of the Graduate School, February 1, 1916.

Announcement of the Summer Session, March 1, 1916.

Annual Report of the President November 1, 1915.

Pamphlets on prizes, samples of entrance and scholarship examination papers, special departmental announcements, etc.

Announcement of the Medical College may be procured by writing to the Cornell University Medical College, Ithaca, New York.

Correspondence concerning the publications of the University should be addressed to

The Secretary of Cornell University,
Ithaca, New York.