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1938

## PACS Bulletin 1938-1938

Program in Audiology and Communication Sciences  
*Washington University School of Medicine*

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1938-39

TEACHERS TRAINING COLLEGE  
*of*  
Central Institute for the Deaf



Affiliated with  
UNIVERSITY COLLEGE  
*of*  
Washington University  
SAINT LOUIS

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DEPARTMENT I  
Course for Teachers of the Deaf

DEPARTMENT II  
Course for Teachers and Supervisors in Speech Pathology

DEPARTMENT III  
Course for Graduate Students

## TEACHERS' TRAINING COLLEGE BULLETIN

The Teachers' Training College of Central Institute for the Deaf was officially affiliated with University College of Washington University on February 16, 1931. By virtue of this affiliation the degree of Bachelor of Science in Education is granted to fully qualified graduates of the Teachers' Training College of Central Institute for the Deaf who meet the requirements established by the Advisory Board.

In the spring of 1935 a second coordinated curriculum was presented in speech pathology for those seeking to become professional teachers and supervisors in speech correction and speech pathology. The growing demand for such trained persons as well as the existence of the necessary courses either at Washington University or the Central Institute for the Deaf warrants the establishment of this curriculum.

This curriculum requires four years for completion. The Freshman and Sophomore years may be taken at Washington University either in the College of Liberal Arts or in the University College or at any University or accredited Junior College which provides the required instruction. The Junior and Senior years must be taken at Central Institute for the Deaf and Washington University, subject to such requirements as may be imposed by the Advisory Board.

### ADMISSION REQUIREMENTS

#### SCHOLASTIC

1. Graduation from a fully accredited first class High School, meeting the entrance requirements of the College of Liberal Arts of Washington University, as outlined in its bulletin.
2. Successful completion in the College of Liberal Arts or University College of Washington University or in any other University or accredited Junior College of the pre-professional curriculum outlined below:

FRESHMAN YEAR	SOPHOMORE YEAR
English, 101 .....6 units	English, 211 .....6 units
Foreign Language.....6 units	Foreign Language .....6 units
Biological Science, preferably Zoology, 101.....6 units	Physical Science, preferably Physics, 101.....6 units
Mathematics, Latin or Greek..6 units	Sociology, 201.....6 units
Elective .....6 units	Education, 201, 202.....6 units
Physical Education, 101.....2 units	Physical Education, 201.....2 units
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Total....32 units	Total....32 units

The numerals indicate the courses of instruction in the College of Liberal Arts. Elective Courses include: Political Science, Botany, Chemistry, Geology, History, History of Art, Drawing, Mathematics.

The twelve units of Foreign Language must be in the same language.

#### PHYSICAL

1. All applicants must have perfect hearing, speech and sight, and a well-shaped mouth, as these are important in the teaching of speech and lip-reading.
2. No applicant over thirty-six years of age will be accepted.

DEPARTMENT I  
Course for Teachers of the Deaf

PROFESSIONAL CURRICULUM

JUNIOR YEAR

Anatomy and Physiology of Speech and Hearing.....	5 units
Preschool Deaf .....	4 units
Applied Phonetics .....	6 units
General Psychology (first semester).....	3 units
Tests and Measurements (second semester).....	3 units
Principles of Teaching and Practice Teaching.....	6 units
Principles and Pedagogy of Lip-Reading.....	2 units
Physics of Sound.....	3 units

Total.....32 units

SENIOR YEAR

Pathology of Speech and Hearing.....	4 units
Advanced Phonetics and Phonetic Laboratory.....	6 units
English for Deaf (first semester).....	3 units
Child Psychology (first semester).....	3 units
Abnormal Psychology (second semester).....	3 units
Speech Correction—Didactic (first semester).....	3 units
Practice of Lip-Reading.....	2 units
Acoustic Laboratory (second semester).....	3 units
Speech Clinic (second semester).....	3 units
Practice Teaching of Oral Method.....	2 units

Total.....32 units

DEPARTMENT II  
Course for Teachers and Supervisors in Speech Pathology

PROFESSIONAL CURRICULUM

JUNIOR YEAR

Anatomy and Physiology of Speech and Hearing.....	5 units
Applied Phonetics.....	6 units
Principles of Teaching Corrective Speech.....	6 units
General Psychology (first semester).....	3 units
Tests and Measurements (second semester).....	3 units
Physics of Sound.....	3 units
†Elective .....	6 units

32 units

SENIOR YEAR

Pathology of Speech and Hearing.....	4 units
Advanced Phonetics .....	3 units
Phonetic Laboratory .....	3 units
Speech Correction Didactic (first semester).....	3 units
Speech Clinic (credited second semester).....	3 units
Child Psychology (first semester).....	3 units
Abnormal Psychology (second semester).....	3 units
Education 81.....	6 units
Elective .....	4 units

32 units

†Students preparing to teach must consult the legal requirements for certificates in their States. By taking courses in summer or by adding to the regular curriculum where grades permit, students may provide themselves training in a second teaching field.

On completion of the Professional Curriculum candidates for the degree of Bachelor of Science in Education are required to pass a comprehensive examination prescribed by the Advisory Board.

## DEPARTMENT III

### Course for Graduate Students

In the fall of 1936 the Board of Graduate Studies of Washington University approved a program leading to the degree of Master of Science in Education.

#### ADMISSION REQUIREMENTS

1. A degree from an accredited university or college.
2. Successful completion of the preprofessional requirements as outlined for B.S. in Education.
3. The professional curriculum or its equivalent is prerequisite.

Requirements for the Degree of Master of Science in Education:

Candidates must present 24 units of graduate credit and a dissertation. At least 12 units of credit must be elected from the courses open only to graduate students. A final oral examination must be passed by those desiring to qualify for the degree.

The following courses carry graduate credit for students with adequate preparation in Anatomy or Physiology, Psychology and Education.

Anatomy and Physiology of Speech and Hearing.....	5 units
Pathology of Speech and Hearing.....	4 units
Acoustic Laboratory .....	3 units
Phonetic Laboratory .....	3 units
Tests and Measurements of the Deaf.....	3 units
Child Psychology .....	3 units
Abnormal Psychology .....	3 units

The following courses open only to graduate students, have as prerequisite the professional curriculum outlined for Teachers of the Deaf.

Seminar in Physiology of Speech and Hearing.....	6 units
Psychology of the Deaf and Speech Defectives.....	3 units
Speech Pathology .....	6 units
Phonetic Research .....	6 units
Journal Club .....	3 units
Research in Training of Deaf or Speech Defectives.....	Credit to be arranged

#### DESCRIPTION OF COURSES IN ALL DEPARTMENTS

(a) The following courses included in this curriculum are offered at the Central Institute for the Deaf:

##### ANATOMY AND PHYSIOLOGY OF HEARING AND SPEECH

A survey of anatomical, physiological and biological subject matter bearing on special fields of hearing and speech; functional tests of hearing; determination of nystagmus reactions, dissection of larynx; comprehensive sketch of auditory and speech fields in the brain.

##### PATHOLOGY OF HEARING AND SPEECH

Pathology of the speech organs, ear and labyrinth; differentiation of types of deafness, causes of congenital deafness, physical abnormalities related to speech; special demonstrations in speech clinic; attendance at deaf prevention clinic.

##### ACOUSTIC LABORATORY

The principles of the acoustic method, special form of pedagogy designed to salvage residual hearing in deaf children for speech improvement; laboratory demonstrations; practice teaching following this method.

##### PHONETIC LABORATORY

The use of laboratory apparatus in recording, reproducing amplifying, and analyzing speech and musical sounds will be demonstrated; practical application of such apparatus is required of each student.

##### PHONETICS

The formation and development of elementary English sounds; Bell symbols, international alphabet; the principles and science of speech; voice building and voice analysis.

##### PRESCHOOL DEAF

A survey of the history of the Nursery School Movement in America and other countries; the development and training of the child from birth to his fifth year; application of the nursery school procedure to the teaching of the deaf.

##### ENGLISH FOR THE DEAF

The development and application of the principles of the English language; their presentation to the deaf child.

##### PRINCIPLES OF TEACHING AND PRACTICE TEACHING FOR THE DEAF

A systematic training in the technique of teaching deaf children; classroom procedure; methods of teaching reading, arithmetic, social studies and other elementary school subjects. Demonstrations and practice teaching following these methods.

## DESCRIPTION OF COURSES (Continued)

### PRINCIPLES OF TEACHING CORRECTIVE SPEECH

Teaching methods used for the correction of special disabilities such as short memory span, poor auditory, visual and kinaesthetic associations; therapeutic measures used to improve poor muscular coordination; the adjustment of emotional disturbances:—all of which accompany or are contributory to speech defects.

### SPEECH CORRECTION (DIDACTIC)

The classification and terminology of speech defects; manifestations, underlying emotional disturbances and varying disabilities accompanying each; a survey of contemporary schools; methods of diagnosis and correction of aphasia and other types of speech disorders.

### SPEECH CLINIC

The practical conduct of a speech clinic; obtaining case histories; observation and teaching of the various types of speech defects under supervision.

### GENERAL PSYCHOLOGY APPLIED TO THE DEAF AND SPEECH DEFECTIVE

A survey of the principles of human behavior with emphasis on problems of audition and speech development; the effect of sensory and motor impairment on learning and behavior.

### TESTS AND MEASUREMENTS

A study of the tests used to measure the intelligence and school achievement of normal children; history of testing the deaf child; application of standardized tests to deaf and speech defective children; practice in the administration and scoring of these tests.

### CHILD PSYCHOLOGY

A study of the normal child from birth to adolescence; his sensory equipment, behavior at birth, habit formation, complex learning, language development and social behavior.

### ABNORMAL PSYCHOLOGY

A descriptive and explanatory survey of organic and functional disorders of the sensory, motor and association equipment; mental deficiency; psychoneuroses; psychoses; psychotherapy.

### PRINCIPLES AND PEDAGOGY OF LIP-READING

A presentation and interpretation of a system of instruction for use in the teaching of lip-reading to the hard-of-hearing. Special consideration is given to the consideration of pupil types and speech conservation.

### PRACTICE OF LIP-READING

Application of methods under supervision at lip-reading clinics for children and adults; preparation of supplementary graded material.

### PHYSICS OF SOUND

Principles of the physics of sound of special interest to the teacher of the deaf and of speech defectives. Wave motion, elasticity and vibration, reflection and refraction, interference, resonance, phonograph and telephone; tuning forks, radio amplifiers and audiometers.

(b) The courses of this curriculum offered at Washington University are described in the Catalog of the College of Liberal Arts and the Bulletin of University College.

### SEMINAR IN PHYSIOLOGY OF SPEECH AND HEARING

A study of the pathology and genetics of otosclerosis; sensory equipment; recent developments in the acoustic laboratory; laboratory research.

### PSYCHOLOGY OF THE DEAF AND SPEECH DEFECTIVE

A study of behavior "problems", their manifestations and treatment; the effect of deafness on educational achievement and personality; adolescence and deafness; adjustments to normal social, educational environments; vocational guidance.

### SPEECH PATHOLOGY

A detailed study of manifestations of speech disorders, emotional disturbances, personality defects, and special disabilities; terminology accepted by the American Society for the Study of Disorders of Speech; critique of literature in speech pathology; study of adult and congenital aphasia; correlation of speech defects.

### PHONETIC RESEARCH

A comparative study of all phonetic systems; vocal and articulation difficulties of the deaf; loss of resonance and natural quality of the voice of the deafened adult.

### JOURNAL CLUB

Critical discussions of scientific periodicals and recent books dealing with the Education, Pathology, and Psychology of the deaf and speech defective; Speech Correction; Phonetics.

### ADVISORY BOARD

FRANK MICHAEL DEBATIN, A.M., Chairman . . . . . Dean of University College  
MAX A. GOLDSTEIN, M.D., F.A.C.S. . . . . Director of Central Institute for  
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JOHN PAUL NAFF, Ph.D. . . . . Professor of Psychology  
JULIA M. CONNERY (Ex-officio) . . . . . Principal, Central Institute for  
the Deaf

### ADMINISTRATIVE OFFICERS

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MAX A. GOLDSTEIN, M.D. . . . . Director of Central Institute  
JULIA M. CONNERY . . . . . Principal of Central Institute  
HELEN S. LANE, Ph.D. . . . . Registrar, Teachers' Training College of Central Institute

### FACULTY OF TEACHERS' TRAINING COLLEGE

MAX A. GOLDSTEIN, M.D., LL.D., Director . . . . . Lecturer on Special Anatomy, Physiol-  
ogy and Pathology, the Acoustic Method and Sense Training  
JULIA M. CONNERY, Principal . . . . . Lecturer in Principles and Practice of  
Special Pedagogy, Phonetics, Rhythm and English  
HELEN SCHICK LANE, Ph.D., Registrar . . . . . Lecturer on General, Child, Abnormal  
Psychology and Tests and Measurements.  
CORDIA C. BUNCH, Ph.D., Associate Director . . . . . Lecturer on Applied Physics of Sound  
and Audiometry  
MILDRED A. MCGINNIS, B.S. . . . . Teacher-in-Charge Speech Correction  
Department. Instructor in Speech Correction and Speech Pathology; Critic  
Teacher in Speech Clinic.  
ELIZABETH H. NITCHE . . . . . Teacher-in-Charge of Lip-Reading De-  
partment; Instructor and Critic Teacher in Lip-Reading  
RACHEL DAWES DAVIES, M.A. . . . . Instructor in Modern Methods of Ele-  
mentary Subjects  
S. RICHARD SILVERMAN, M.S. . . . . Lecturer on History and Education of  
the Deaf  
HELEN R. FAGAN, M.A. . . . . Lecturer on Cerebral Localization; As-  
sistant Supervisor of Speech Clinic

### CALENDAR 1938-1939

Registration, Sept. 19, 20, 21.	Second Semester begins Feb. 1.
First Semester begins Sept. 22.	Holiday, Washington's Birthday, Feb. 22.
Holiday, Thanksgiving Day, Nov. 24.	Holiday, Easter, April 7 and 8.
Vacation, Dec. 23 to Jan. 3, inclusive.	Final Examinations, May 25 to June 2, inclusive.
Semi-annual Examinations, Jan. 19 to Jan. 27, inclusive.	Holiday, Decoration Day, May 30. Commencement, June 6.

### FEEES

1. A matriculation fee of \$10.00 is required upon registration.
2. Tuition for the course is \$400.00, payable \$200.00 each year, as follows:  
\$25.00 initial payment, \$75.00 the opening day of school and \$100.00 the  
first of February.
3. A comprehensive examination fee of \$3.00 is payable before the examination  
is given by the Advisory Board.
4. A diploma fee of \$3.00 is payable before graduation.
5. Room and board \$50.00 per month, payable monthly in advance.