

**REGULATIONS FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN  
SPEECH AND HEARING SCIENCES  
(BSc[Sp&HearSc])**

*(See also General Regulations and Regulations for First Degree Curricula)*

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**Ed131 Admission to the degree**

To be eligible for admission to the degree of Bachelor of Science in Speech and Hearing Sciences, candidates shall

- (a) comply with the General Regulations;
  - (b) comply with the Regulations for First Degree Curricula; and
  - (c) satisfy all the requirements of the curriculum in accordance with the regulations that follow and the syllabuses of the degree.
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**Ed132 Length of study**

The curriculum shall require eight semesters of full-time study, spread over four academic years.

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**Ed133 Completion of curriculum**

To complete the curriculum, candidates shall

- (a) satisfy the requirements prescribed in UG 3 of the Regulations for First Degree Curricula;
  - (b) complete not less than 240 units of credit, in the manner specified in the syllabuses, which shall include:
    - (i) 222 units of the core courses, in accordance with the syllabuses;
    - (ii) in Year 1, 12 units of elective courses from among those offered by other Departments and/or Centres, to include English language enhancement, Chinese language enhancement and Information Technology<sup>1</sup>; in Year 2, 6 credits of elective courses from among those offered by other Departments and/or Centres;
  - (c) satisfactorily complete all prescribed written and practical work; and
  - (d) satisfy the examiners in all prescribed assessments in the core courses and in each of the elective courses for which they have registered.
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**Ed134 Assessment and grades**

- (a) Candidates shall be required to pass all assessments required for each year before progressing to the next year, and assessments may consist of written papers, oral examinations, practical work, research or project reports, or may be in any other forms specified by the examiners;
- (b) Written and oral examinations or tests shall normally be held at the end of each semester.

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<sup>1</sup> Either obtaining a pass in the information technology proficiency test plus a 3-unit elective course offered by other Departments/Centres *or* successful completion of the 3-unit Foundations to information technology course.

**Ed135** Grades shall be awarded in accordance with UG 5 of the Regulations for First Degree Curricula.

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**Ed136** Candidates shall not be permitted to repeat courses for which they have received a pass grade for upgrading purposes.

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**Ed137** Courses in which candidates are given an F grade will not be counted towards the degree, but shall be recorded in the transcript.

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### **Ed138 Examinations**

Candidates who are unable because of illness to complete any part of an assessment in the first semester will be permitted to complete the part or parts before the end of the second semester. Candidates who are unable because of illness to complete any part of an assessment in the second semester will be permitted to complete the part or parts before the beginning of the next academic year. Any application for such permissions shall be made no later than two weeks after the date of the examination, or the due date of the relevant assessment, whichever is applicable.

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**Ed139** Candidates who fail to complete 60 units of credit in any academic year at the first attempt may be required to repeat a year of study in a manner specified by the Board of the Faculty, or be allowed to present themselves for re-examination of the failed course(s) or course component(s) at a time specified by the Board, or be recommended for discontinuation of study. Candidates who are required to repeat a year of study may be required to re-take all or part of the core courses and/or elective courses, before presenting themselves for re-examination.

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**Ed140** Candidates who fail in any elective course at the first attempt may be required by the Board of the Faculty to repeat and/or present themselves for re-examination in the same course at a time specified by the Board. Candidates who are required to present themselves for re-examination in any written or practical assignments, or any other prescribed examinations, shall not be eligible for an award higher than grade D in the re-examination(s), for the purposes of honours classification and Cumulative Grade Point Average, but the actual grade(s) shall be recorded in the transcript.

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### **Ed141 Degree classification**

The degree of Bachelor of Science in Speech and Hearing Sciences shall be awarded in five divisions as follows: First Class Honours; Second Class Honours Division One; Second Class Honours Division Two; Third Class Honours; Pass.

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## **SYLLABUSES FOR THE DEGREE OF BACHELOR OF SCIENCE IN SPEECH AND HEARING SCIENCES**

The syllabuses which follow are set out in the form of subject areas and topic entries but the curriculum is coordinated throughout in integrated interdisciplinary units.

## FIRST YEAR

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### **SHSC1011. Speech and hearing sciences I (48 credits)**

Cell biology and tissues of the body; body systems; gross anatomy of the thorax; respiratory systems; head and neck; neuroanatomy; growth and form; the physiological and neurophysiological mechanisms involved in the production and perception of speech.

The evolution of language and communication; articulatory phonetics; IPA transcription; grammatical analysis in English and Cantonese; computer-based language analysis and measurement.

Introduction to perception, learning, memory, and attention; development across the age-span: child development from infancy to adolescence; psychosocial development; ageing and its effect on cognitive processes; observational methods; data recording and reduction; descriptive statistics.

Causal factors for communication disorders; the effects of communication disorders on the development of speech and language in children; the effects of communication disorders on speech and language in adults; the aetiology and diagnosis of hearing impairment in children and adults.

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## LANGUAGE ENHANCEMENT COURSES

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### *English Language Enhancement*

#### **ECEN1403. General English for education students (3 credits)**

This course provides the opportunity for students to enhance their English proficiency skills for general purposes. The following skills are taught: pronunciation, vocabulary, conversation, discussion and presentation. Assessment is wholly by coursework.

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#### **ECEN1404. Academic writing for education students (3 credits)**

This course provides the opportunity for students to develop their English writing skills for academic purposes. The following skills are taught: grammar, reference skills, reading, note-making and academic writing. Assessment is wholly by coursework.

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### *Chinese Language Enhancement*

#### **CEDU1001. Practical Chinese language course for BSc(SHS) students (3 credits)**

*(see Annex I)*

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## INFORMATION TECHNOLOGY

Candidates may take either YITC1001 or YITC1002. Candidates obtaining a pass in the YITC1002 Information technology proficiency test are required to take a 3-unit elective course offered by other Departments/Centres.

**YITC1001. Foundations to information technology** (3 credits)

*(Details refer to the Regulations and Syllabuses for Broadening Courses)*

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**YITC1002. Information technology proficiency test**

*(Details refer to the Regulations and Syllabuses for Broadening Courses)*

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**SECOND YEAR**

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**SHSC2011. Speech and hearing sciences II** (48 credits)

The phonetics and phonology of Cantonese; an introduction to the physics of sound; the acoustics of speech and hearing; instrumentation relevant to the measurement of speech and hearing; normal and non-normal speech and language development; linguistic profiling.

Research methods: sampling distributions, inferential statistics, experimental designs and hypothesis testing, computer analyses of data; cognitive psychology: sensory coding, information processing and pattern recognition, memory, thinking, reasoning and problem-solving; counselling: concepts underlying counselling, dynamics and microskills of interviewing, the development and dynamics of the therapeutic relationship.

Models of speech and language impairment; the diagnostic process and methods of assessment; the therapeutic process and environment; principles of programming and management; modification based on aetiology; oro-facial abnormalities – diagnosis and management.

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**CLINICAL PRACTICUM**

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**SHSC2015. Clinical practicum** (6 credits)

Students will be required to undertake clinical observation and supervised practice in clinics and other settings as directed.

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**BROADENING COURSES/INTER-FACULTY ELECTIVES** (6 credits)

Candidates are required to fulfill the following requirements:

- (a) Successful completion of a 3-credit course in *either* Humanities and Social Sciences Studies; *or* Science and Technology Studies; and
- (b) Successful completion of a 3-credit course in *either* Culture and Value Studies; *or* an area of study outside those of the candidates' own degree curricula, as an elective course.

## THIRD YEAR

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### **SHSC3011. Speech and hearing sciences III** (48 credits)

Description and analysis of conversation, discourse and narrative in normal language; description and analysis of conversation, discourse and narrative in non-normal language; pragmatics; sociolinguistics of Cantonese; models of normal language comprehension and production; application of models of normal language processes to disordered language.

Research methods: analysis of variance and covariance; correlation and regression, repeated measures designs; assessment and measurement: standardised and non-standardised assessments in speech and language; criteria for the evaluation of assessment procedures.

Congenital disorders of speech and language and their neurological bases; acquired disorders of speech and language and their neurological bases; cognitive, emotional and behavioural correlates of aphasia; differential diagnosis and clinical assessment; motor speech disorders; voice disorders; treatment principles in speech and language disorders in adults; the evaluation of treatment.

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## CLINICAL PRACTICUM

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### **SHSC3015. Clinical practicum** (12 credits)

Students will be required to undertake clinical observation and practice in clinics and other settings as directed.

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## FOURTH YEAR

The fourth year of the curriculum shall include: continuation of learning and clinical exposure in the main subject areas of Speech and Hearing Sciences within a programme designed to emphasise the integration of knowledge and skills in the delivery of comprehensive client care.

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### **SHSC4011. Speech and hearing sciences IV** (36 credits)

Study of normal and abnormal communication, assessed by dissertation and case studies.

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## CLINICAL PRACTICUM

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### **SHSC4015. Clinical practicum** (24 credits)

Students will be required to undertake clinical observation and practice in clinics and other settings as directed.

**CEDU1001. Practical Chinese Language Course for BSc(SHS) Students**  
教育學院實用中文課程（一）

**Syllabus**

1. Practical Chinese Writing Skills 實用中文寫作技巧 (3 lectures)
  - (a) *Pai-hua* or literary Chinese 白話或文言
  - (b) Some characteristics of the Chinese language and communication skills 漢語特性和語文運用
  - (c) Special characteristics of the language of practical Chinese 實用中文的寫作特點
2. Chinese Characters 漢字 (3 lectures)
  - (a) Standardized form of Chinese characters 規範漢字
  - (b) Different scripts and simplified Chinese characters 異體字與簡化字
3. Letter-writing 書信 (3 lectures)
  - (a) Personal, official and business letters 私人、公務、事務書信的格式與特點
  - (b) Business letters for Education students: objectives and techniques 事務書信的撰寫技巧
4. Office Documents 辦公室文書 (3 lectures)
  - (a) An introduction 辦公室文書簡介
  - (b) Notices and announcements 啟告類文書
  - (c) Proposals, minutes and reports 建議書及會議文書
5. Chinese for Special Purposes (Education) 專業中文 (6 lectures)
  - (a) Chinese culture and education 中國文化與教育
  - (b) Target-oriented writing: instructions, brochures and leaflets 目標為本寫作
  - (c) The art of persuasion in writing 說服性文章的撰寫技巧
  - (d) The language of education journals 教育期刊常用句式及詞語
6. Public Speaking 演說 (2 lectures)
  - (a) Communication and presentation techniques 表達與溝通技巧
  - (b) Speech writing 演講辭的撰寫技巧