

## **REGULATIONS FOR THE DEGREE OF MASTER OF SCIENCE IN AUDIOLOGY (MSc[Audiology])**

*(See also General Regulations and Regulations for Taught Postgraduate Curricula)*

Any publication based on work approved for a higher degree should contain a reference to the effect that the work was submitted to the University of Hong Kong for the award of the degree.

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### **Ed91 Admission requirements**

To be eligible for admission to the courses leading to the degree of Master of Science in Audiology, a candidate

- (a) shall comply with the General Regulations and the Regulations for Taught Postgraduate Curricula;
- (b) shall hold a Bachelor's degree of this University or a qualification of equivalent standard from this University or another comparable institution accepted for this purpose; and
- (c) for a candidate who is seeking admission on the basis of a qualification from a university or comparable institution outside Hong Kong of which the language of teaching and/or examination is not English, satisfy the University English language requirement applicable to higher degrees as prescribed under General Regulation G2(b).

An application for exemption from the above requirements shall be considered on a case by case basis.

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### **Ed92 Advanced Standing**

Advanced Standing may be granted to candidates in recognition of studies completed successfully before admission to the curriculum. Candidates who are awarded Advanced Standing will not be granted any further credit transfer for those studies for which Advanced Standing has been granted. The amount of credits to be granted for Advanced Standing shall be determined by the Board of the Faculty, in accordance with the following principles:

- (a) a candidate may be granted a total of not more than 20% of the total credits normally required under a curriculum for Advanced Standing unless otherwise approved by the Senate; and
  - (b) credits granted for Advanced Standing shall not normally be included in the calculation of the GPA unless permitted by the Board of the Faculty but will be recorded on the transcript of the candidate.
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### **Ed93 Period of study**

The curriculum shall normally extend over two academic years of full-time study, including a summer semester in the first year of study. Candidates shall not be permitted to extend their studies beyond the maximum period of registration of four academic years of full-time study, unless otherwise permitted or required by the Board of the Faculty.

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### **Ed94 Progression in curriculum**

- (a) Candidates shall normally be required to undertake a combination of courses and study requirements as prescribed in the curriculum regulations and syllabuses, and in the manner as specified therein, unless otherwise permitted or required by the Board of the Faculty.
- (b) Candidates may, with the approval of the Board of the Faculty, transfer credits for courses completed at other institutions during their candidature. The number of transferred credits may

be recorded in the transcript of the candidate, but the results of courses completed at other institutions shall not be included in the calculation of the GPA. The combined total number of credits to be granted for Advanced Standing and credit transfer shall not exceed half of the total credits normally required under the curricula of the candidates during their candidature at the University.

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#### **Ed95      Completion of curriculum**

To complete the curriculum, candidates shall

- (a) satisfy the requirements prescribed in TPG 6 of the Regulations for Taught Postgraduate Curricula;
- (b) follow instruction on the syllabuses prescribed and complete all specified work as required (including clinical practicum);
- (c) satisfy the examiners in all forms of assessment as may be required;
- (d) complete and present one satisfactory case study; and
- (e) complete and present a satisfactory capstone research project on an approved subject.

Candidates shall be required to pass all written assignments and examinations and practical work required in the first year before progressing to the second year.

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#### **Ed96      Exemption**

Candidates may be exempted, with or without special conditions attached, from the requirement prescribed in the regulations and syllabuses governing the curriculum with the approval of the Board of the Faculty, except in the case of the capstone experience.

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#### **Ed97      Assessment**

- (a) Candidates shall be assessed for each of the Master of Science in Audiology courses for which they have registered, and assessment may be conducted in any combination of continuous assessment of coursework, written examinations and/or any other assessable activities. Only passed courses will earn credits.
  - (b) Candidates shall not be permitted to repeat a course for which they have received a passing grade for the purpose of upgrading.
  - (c) Candidates are required to make up for failed courses in the following manner:
    - (i) undergoing re-assessment/re-examination in the failed course to be held no later than the end of the following semester (not including the summer semester); or
    - (ii) re-submitting failed coursework, without having to repeat the same course of instruction; or
    - (iii) repeating the failed course by undergoing instruction and satisfying the assessments.
  - (d) There shall be no appeal against the results of examinations and all other forms of assessment.
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#### **Ed98      Discontinuation**

Unless otherwise permitted by the Board of the Faculty, candidates shall be recommended for discontinuation of their studies if they have:

- (a) failed to satisfy the examiners upon re-assessment of a course, or
  - (b) exceeded the maximum period of registration specified in the regulations of the curriculum.
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## Ed99 Grading systems

Individual courses shall be graded according to one of the following grading systems as determined by the Board of Examiners:

(a) Letter grades, their standards and the grade points for assessment as follows:

<i>Grade</i>		<i>Standard</i>	<i>Grade Point</i>
A+	}	Excellent	4.3
A			4.0
A-			3.7
B+	}	Good	3.3
B			3.0
B-			2.7
C+	}	Satisfactory	2.3
C			2.0
C-			1.7
D+	}	Pass	1.3
D			1.0
F		Fail	0

or

(b) 'Pass' or 'Fail'.

Courses which are graded according to (b) above will not be included in the calculation of the GPA.

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## Ed100 Award of degree

- (a) To be eligible for the award of the degree of Master of Science in Audiology, candidates shall
- comply with the General Regulations and the Regulations for Taught Postgraduate Curricula; and
  - complete the curriculum and satisfy the examiners in accordance with these regulations and the syllabuses.
- (b) On successful completion of the curriculum, candidates who have shown exceptional merit may be awarded a mark of distinction, and this mark shall be recorded in the candidates' degree diploma.
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**SYLLABUSES FOR THE DEGREE OF  
MASTER OF SCIENCE IN AUDIOLOGY  
(MSc[Audiology])**

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**FIRST YEAR**

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**MSCA7001 Anatomy and physiology (3 credits)**

Gross anatomy; neuroanatomy; growth and form; a survey of the physiological and related structural aspects of human biology with focus on those related to speech and hearing.

Assessment: 100% examination

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**MSCA7002 Hearing science (6 credits)**

Acoustic characteristics of sound; the decibel notation as a unit of measurement for signal intensity, psychoacoustics, signal detection, and speech science.

Assessment: 100% examination

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**MSCA7003 Audiology I (9 credits)**

Basic audiologic terminology, the characteristics and calibration of pure tone audiometers; administration of pure-tone threshold measurement, speech audiometry, masking, impedance audiometry, diagnostic report writing and interpretation of audiological findings.

Assessment: 100% coursework

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**MSCA7004 Audiology II (9 credits)**

Study of the normal development of the auditory mechanism and the causes of hearing loss in children. Theories, principles and methods of assessing and managing hearing loss in infants, preschoolers and school children. Paediatric and medical audiology: symptoms and prognosis of various ear and hearing related disease.

Assessment: 50% coursework / 50% examination

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**MSCA7005 Biological bases of speech and hearing (3 credits)**

The anatomy, physiology and neurology of speech and hearing: head and neck anatomy; the physiological and neurophysiological mechanisms involved in the production of speech; the anatomy and physiology of the speech and hearing system; the acoustics of speech production.

Assessment: 100% examination

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**MSCA7006 Amplification I (6 credits)**

Electroacoustic characteristics of personal hearing aids and classroom amplification systems; assessment and fitting procedures; spectral analysis of hearing aids; troubleshooting of hearing aids, earmould acoustics; earmould making; earmould impression taking.

Assessment: 30% coursework / 70% examination

### **MSCA7007 Intervention I (3 credits)**

Introduction to basic counselling approaches; interviewing and counselling techniques, case management; psychology of hearing impairment. The development, adjustment and educational needs of persons with hearing loss including cognitive development, personality development, emotional adjustment, and social skills.

Assessment: 70% coursework / 30% examination

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### **MSCA7008 Intervention II (3 credits)**

Principles and methods of teaching individuals with hearing loss to integrate auditory and visual cues for the comprehension of spoken language and improvement of speech perception and communicative efficiency.

Assessment: 100% coursework

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### **MSCA7009 Clinical practice in audiology I (21 credits)**

Candidates shall complete prescribed supervised practical training in various approved settings. The practical experience will consist of assessment and rehabilitation of adults and children. The aim is to develop initial professional competence in all important areas of clinical practice:

- (a) working with both normal and clinical populations, adults and children, individual and group;
- (b) assessing the integrity of auditory and vestibular systems;
- (c) using audiological equipment;
- (d) planning and conducting treatment and rehabilitation programmes; and
- (e) working effectively with a range of professionals in different institutional settings.

Assessment: 100% clinical examination

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## **SECOND YEAR**

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### **MSCA8001 Research methods (3 credits)**

Research design; the design of experiments and the critical evaluation of experimental designs and statistical analyses in the research literature in audiology. Application of research design principles to research questions of particular student interest. Evidence-based research and practice in hearing health care.

Assessment: 100% coursework

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### **MSCA8002 Audiology III (9 credits)**

Advanced audiological theories, principles and techniques of differentiating cochlear from retrocochlear and central lesions; site of lesion tests; physiological measurements of hearing including evoked response audiometry and otoacoustic emissions; balance assessment.

Assessment: 50% coursework/ 50% examination

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### **MSCA8003 Intervention III (3 credits)**

The study of speech perception and the effect of amplification devices for deaf and hard of hearing listeners, advanced discussion of techniques of aural rehabilitation. Cochlear implants: principles and

theories of electrical stimulation of the inner ear; the technology of cochlear implants. Cochlear implant patients: criteria in the selection of potential candidates; pre-operation assessment techniques; and post-surgical rehabilitation methods.

Assessment: 100% coursework

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#### **MSCA8004 Contemporary issues in audiology (3 credits)**

Advanced seminars on topics of current interest in audiology. These may include: professional issues—ethics and standards in audiology; audiology in Chinese societies; audiology in lower and middle income countries; noise and its effects on human health; educational audiology.

Assessment: 70% coursework/ 30% examination

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#### **MSCA8005 Amplification II (6 credits)**

Advanced discussion of different types of amplification systems including analog, hybrid and digital hearing aids and assistive listening devices. Calibration standards, calibration instrumentations and procedure for transducers and signals. Application of instruments in audiological and acoustical measurements.

Assessment: 25% coursework/ 75% examination

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#### **MSCA8006 Clinical practice in audiology II (24 credits)**

Candidates shall complete prescribed supervised practical training in various approved settings. The practical experience will consist of assessment and rehabilitation of adults and children. The aim is to develop entry-level professional competence in all important areas of clinical practice:

- (a) working with both normal and clinical populations, adults and children, individual and group;
- (b) assessing the integrity of auditory and vestibular systems;
- (c) using of audiological equipment;
- (d) planning and conducting treatment and rehabilitation; and
- (e) working effectively with a range of professionals in different institutional settings.

Assessment: 100% clinical examination

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#### **MSCA8007 Evidence based practice (3 credits)**

Principles and application of evidence based practice in the diagnosis and management of real life cases.

Assessment: 100% coursework

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#### **MSCA8999 Research project (18 credits)**

A capstone research project on an approved topic related to Audiology and/or Hearing Sciences.

Assessment: 100% coursework

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