

MSC Audiology and Speech Language Pathology

PROGRAM OBJECTIVES

1. Prepare audiologists and speech-language pathologists to fill diverse in a variety of professional environments
2. Provide the student with knowledge about the changing role of the speech language pathologists and audiologists within our society
3. Facilitate an interdisciplinary view of disorders of human communication and hearing
4. Provide speech-language pathologists and audiologists with the course work and practicum experiences needed to meet national standards for clinical knowledge and skills and to earn the Certificate of Clinical Competence(CCC).

COURSE OBJECTIVES

1.1 FIRST YEAR MASLP

1.1.1 SH 101 STATISTICS AND RESEARCH METHODS

Objectives

1. To orient the student on the basics of statistics, and its application to the field of speech and hearing.
2. To enable the student to select and carry out appropriate statistical calculations as required for research in the field of speech and hearing.
3. To equip the students with necessary knowledge to be able to interpret the analysed statistical related data to the field of speech and hearing.
4. To familiarize the students on the importance and applications of research methods and techniques applicable to the field of speech and hearing.

1.1.2. SH 102 ADVANCES IN SPEECH SCIENCES

Objectives

1. To equip the student with theoretical knowledge and operational skills required for understanding the speech production mechanism
2. To sensitize the students on various methods of analysis of various parameters of speech.

1.1.3. SH 103 CLINICAL LINGUISTICS

Objectives

- 1 . To equip the student to understand the linguistic basis of different speech language disorders.
2. To train the students to record, analyse and transcribe clinical samples

1.1.4. SH 104 AUDITORY PHYSIOLOGY

Objectives

1. To equip the student to understand the physiological basis of the auditory system, interrelation and dependency of structure and function with the nervous system.

1.1.5 SH 105 PSYCHOPHYSICS OF AUDITION

Objectives

1. To equip the student with acoustical and psycho Physical parameters of hearing
2. To familiarize the students on psycho Physical approaches to measurement and analysis.

1.1.6. SH 106 VOICE AND FLUENCY DISORDERS

Objectives

1. To equip the student to understand the characteristics, diagnosis and rehabilitation aspects of voice and related disorders.
2. To equip the student to understand the characteristics, diagnosis and rehabilitation aspects of fluency disorders

1.1.7. SH 107 SPEECH & LANGUAGE PROCESSING

Objectives

1. To equip the student to understand the basics of various aspects of speech and language processing.

1.1.8. SH 108 CLINICAL PRACTICUM- SPEECH LANGUAGE PATHOLOGY

Objectives

1. The student should be able to assess, diagnose, plan and execute therapy for children and adults with various communication disorders.
2. To maintain clinical record.

1.1.9. SH 109 CLINICAL PRACTICUM- AUDIOLOGY

Objectives

1. To give practical bases for interpretation of test results and test battery approach in different conditions and relate it to structural anatomy, physiology and alterations in diseased auditory mechanism.

1.2 SECOND YEAR MASLP

1.2.1. SH 201 LANGUAGE ACQUISITION AND LANGUAGE DISORDERS IN CHILDREN

1. To equip the student with thorough knowledge of acquisition of language.
2. To equip the student to differently diagnose various child language disorders.
3. To understand the current advances in assessment and intervention for child language disorders.

1.2.2. SH 202 SPEECH PERCEPTION AND ITS DISORDERS

Objectives

1. To sensitize the student on normal and abnormal attributes of perception of speech.
2. To familiarize the students on differences in perceptual attributes in clients with auditory disorders.

1.2.3. SH 203 CLINICAL PHONOLOGY AND MOTOR SPEECH DISORDERS

Objectives

1. To equip the student with knowledge as required for theoretical and practical understanding of disorders of phonology, specific requirements in different languages and different disorders.
2. To train the student in differential diagnosis and management of motor speech disorders.

1.2.4. SH 204 DIAGNOSTIC AUDIOLOGY

Objectives

1. To familiarise the student on auditory manifestations of different disorders and clinical features exhibited.
2. To give theoretical rationale for various auditory tests and their findings in different auditory pathology, correlating different auditory and non auditory findings in different disorders.

1.2.5. SH 205 HEARING DEVICES

Objectives

1. To familiarise the students on various types of devices and advances in technology with respect to amplificatory and implantable devices.
2. To sensitize students in selection strategies and tuning, critically review appropriateness of selected device for the client.

1.2.6. SH 206 ADULT LANGUAGE DISORDERS

Objectives

1. To equip the student to understand advances in brain and language relationship
2. To familiarize the student with respect to advances in assessment and management of various language disorders in adults.

1.2.7. SH 207 ADVANCES IN THE MANAGEMENT OF PERSONS WITH HEARING DISORDERS

Objectives

1. To train the student to evaluate and learn specific needs of the client, need for amplificatory / assistive devices, educational, vocational and psychosocial and communicative demands.
2. To prepare the student for programs and intervention strategies as per the different needs of the clients.
3. To equip the student to critically review application of task analysis, program learning techniques wherever required in management of the clients.

1.2.8. SH-208- DISSERTATION

1.2.9. SH 209 CLINICAL PRACTICUM- SPEECH LANGUAGE PATHOLOGY

Objectives

1. Should be able to diagnose and manage various communication disorders

1.2.10. SH 210 CLINICAL PRACTICUM- AUDIOLOGY

Objectives

1. Should be able to diagnose and manage individuals having auditory disorders