

**First Year
Semester 1**

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| BSLT. 1101 | Introduction to Communication Studies |
| BSLT. 1102 | Language skill Development: Bangla and English |
| BSLT. 1103 | Language Acquisition and Cognitive Development |
| BSLT. 1104 | Linguistics for Clinicians: Articulatory and Acoustics Phonetics |

Semester 2

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| BSLT. 1205 | Human Communication and Disorders |
| BSLT. 1206 | Anatomy and Physiology of Speech and Language |
| BSLT. 1207 | Linguistics for Clinicians: Phonology and Morphology |
| BSLT. 1208 | Psychology: Abnormal and Counseling Psychology |

**Second Year
Semester 3**

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| BSLT. 2301 | Introduction to Nonverbal Communication |
| BSLT. 2302 | Neurology of Language and Communication |
| BSLT. 2303 | Linguistics for Clinicians: Syntax, Semantics and Pragmatics |
| BSLT. 2304 | Information and Communication Technology (ICT) |

Semester 4

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| BSLT. 2405 | Sign Language |
| BSLT. 2406 | Psycholinguistics, Neurolinguistics and Clinical Linguistics |
| BSLT. 2407 | Bangladesh Studies |
| BSLT. 2408 | Audiology-1: Hearing Science and Psychoacoustics |
| BSLT. 2409 | First Comprehension (theoretical aspects) |

**Third Year
Semester 5**

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| BSLT. 3501 | Statistics and Research Methods |
| BSLT. 3502 | Developmental and Child Language Disorders |
| BSLT. 3503 | Audiology-2: Hearing Disorders and Aural Rehabilitation |
| BSLT. 3504 | Clinical Practicum-1: Pediatrics and Audiology |

Semester 6

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| BSLT. 3605 | Diagnostic Methods: Speech and Language Therapy |
| BSLT. 3606 | Neurogenic Communication Disorders |
| BSLT. 3607 | Clinical Phonetics and Motor Speech Disorders |
| BSLT. 3608 | Clinical Practicum-2: Neurology |

**Fourth Year
Semester 7**

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| BSLT. 4701 | Alternative and Augmentative Communication |
| BSLT. 4702 | Stuttering and Other Fluency Disorders |
| BSLT. 4703 | Voice Disorders and Dysphagia |
| BSLT. 4704 | Clinical Practicum-3: Vocology |

Semester 8

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| BSLT. 4805 | Professional Development: Therapy and Treatment |
| BSLT. 4806 | Medical Speech-Language Pathology (Theory + Practical) |
| BSLT. 4807 | Second Comprehensive (clinical aspects) And (Oral Examination) |

Non-credit Course

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| BSLT. 0001 | A Modern Language |
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16.13 Course Number and Title

BSLT. 2405: Sign Language (সংকেত ভাষা)

16.13.1 Credit Hours: 04

16.13.2 Course Description

This course is intended to make familiar the students with an alternative form of human communication called sign language. In this course, students will learn and practice basic grammar, lexicon and syntactic pattern of Bengali sign language.

16.13.3 Course Objectives

Upon completion of this course students will be able to-

- learn linguistic structure of sign language.
- explain its basic features.
- get skills to perform Bangla sign language.

16.13.4 Course Content

1. Theory and description of sign language

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Sign language: definition, goal, scope
History of sign language
Types of sign language
Sign languages of the world: American sign language (ASL), British sign language (BSL), sign languages of Asia
Sign language and linguistics
Sing language and nonverbality

2. Practicing Bangla sign language

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16.13.5 References

- Klima, E. & Bellugi, U. (1979). *The Signs Languages*. New York: Blackwell
- Kyle, J.G. & Woll, B. (1995). *Sign Language: The study of deaf people and their language*. Cambridge: Cambridge University Press
- Liddell, S.K. (2003). *Grammar, Gesture and Meaning in American Sign Language*. Cambridge University Press
- Lucas, Ceil (ed.).(2001). *The Sociolinguistics of Sign Languages*. Cambridge: Cambridge University Press
- Mindess, A. (2004). *Reading between Signs Workbook*. Yarmouth, Maine: Intercultural Press
- Mulrooney, K. (2010). *American Sign Language Demystified*. The McGraw-Hill Companies, Inc.
- Peae, A. (2002). *Body Language*. New Delhi: Sudha Publications (p) Ltd.
- SUTTON-SPENC E, R. & WOLL, B. (2007). *The Linguistics of British Sign Language An Introduction*. Cambridge University Press
- VALLI, C. & LUCAS, C. (2000). *Linguistics of American Sign Language An Introduction*. Washington, D.C.: Gallaudet University Press
- আরা, গুলশান (২০০৮)। সংকেত ভাষার ব্যাকরণ। ঢাকা বিশ্ববিদ্যালয় ভাষাবিজ্ঞান পত্রিকা, ১ম বর্ষ ১ম সংখ্যা

16.14 Course Number and Title

BSLT. 2406: Psycholinguistics, Neurolinguistics and Clinical Linguistics
(মনোভাষাবিজ্ঞান, স্নায়ুভাষাবিজ্ঞান ও চিকিৎসা ভাষাবিজ্ঞান)

16.14.1 Credit Hours: 04

16.14.2 Course Description

This course is introduced to familiarize the students with the course contents of three advanced and associated branches of linguistics. In this course, students will learn theories, methods and techniques of psycholinguistics, Neurolinguistics and clinical linguistics.

16.14.3 Course Objectives

Upon completion of this course students will be able to-

- explain basic concepts of psycholinguistics, neurolinguistics and clinical linguistics.
- Differentiate these three associated branches of linguistics.
- relate the concepts of these branches of linguistics with the topics of speech and language therapy.

16.14.4 Course Content

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| 1. <i>Psycholinguistics</i> | 30 |
| Psycholinguistics: definition, goal, scope Origin and development of psycholinguistics Topics of psycholinguistics Language processing: models of language processing Psycholinguistic methods | |
| 2. <i>Neurolinguistics</i> | 30 |
| Neurolinguistics: definition, goal, scope History of neurolinguistics Topics of neurolinguistics Neurolinguistic methods | |
| 3. <i>Clinical linguistics</i> | 40 |
| Clinical linguistics: definition, goal Scope of Clinical linguistics Clinical linguistics: relation with psycholinguistics and neurolinguistics Clinical linguistics and communication disorders Topics of clinical linguistics | |

16.14.5 References

- Arif, H. (2014). *Clinical Linguistics and Child Language*. Baden-Baden: Deutscher Wissenschafts-Verlag (DWV)
- Ahlesn, E. (2006). *Introduction to Neurolinguistics*. Amsterdam/Philadelphia: John Benjamins
- Ball, M.J. et al. (eds.).(2008). *The Handbook of Clinical Linguistics*. Malden, MA: Blackwell Publishing Ltd.
- Cummings, L. (2008). *Clinical Linguistics*. Edinburgh University Press
- Ingram, J.C.L. (2007). *Neurolinguistics An introduction to spoken language processing and its disorders*. Cambridge University
- Traxler, M.J. & Gernsbacher, M.A. (eds.). (2006). *Handbook of Psycholinguistics*. London: Elsevier
- আরিফ, হাকিম (২০১২)। মনোভাষাবিজ্ঞান ও বাংলা ভাষা। [সম্পা. রফিকুল ইসলাম, পবিত্র সরকার ও অন্যান্য] *বাংলা একাডেমী প্রমিত বাংলা ভাষার ব্যাকরণ (দ্বিতীয় খণ্ড)*। ঢাকা: বাংলা একাডেমী, পৃ. ৩২১-৩৪০
- আরিফ, হাকিম ও জাহান, তাওহিদা (২০১৪)। *যোগাযোগবিজ্ঞান ও ভাষাগত অসঙ্গতি*। ঢাকা: বুকস্ ফেয়ার
- আরিফ, হাকিম ও ইমতিয়াজ, মশরুফ (২০১৪)। *চিকিৎসা ভাষাবিজ্ঞান ও বাংলা ভাষা*। ঢাকা: নবযুগ প্রকাশনী
- হক, মহাম্মদ দানীউল (১৯৯৪)। *ভাষাবিজ্ঞানের সূক্ষ্মতর প্রসঙ্গ*। ঢাকা: বাংলা একাডেমী

16.15 Course Number and Title

BSLT. 2407: Bangladesh Studies (বাংলাদেশ অধ্যয়ন)

16.15.1 Credit Hours: 04

16.15.2 Course Description

This course is introduced to provide a short description of various aspects of Bangladesh studies. In this course, students will learn history, tradition, politics, folklore, literature and culture of Bangladesh - a land of Bengali speaking people.

16.15.3 Course Objectives

After completing this course students will be able to-

- describe politics, history, literature and culture of Bengali speaking people.
- figure out the authenticity and uniqueness of Bengali as a nation.
- critically analyze linguistic nationalism and tradition of Bangladeshi people.

16.15.4 Course Content

Bangladesh Studies: definition, goal and scope
Bangladesh: geographical location and border and independent country
History of Bengal and Bangladesh
Political and economic aspects of Bangladesh
Ethnography of Bengali people
Culture of Bengal
Folklore of Bangladesh
Bengali Literature
Liberation war of Bangladesh

16.15.5 References

Iqbal, I. (2014). *State of Bangladesh Studies: An Exploration in Historical Literature*. Berlin: South Asia Chronicle
Raghvan, S. (1971). *A Global History of Creation of Bangladesh*. Ranikhet: Permanent Black
Van Schendel, W. (2009). *A History of Bangladesh*. Cambridge: Cambridge University press
চক্রবর্তী, অমিতাভ (২০০৮)। বাঙ্গালী মনন সম্প্রীতি ও সাম্প্রদায়িকতা। কোলকাতা: উবুদশ
চৌধুরী, হাসানুজ্জামান (২০০০)। বাংলাদেশের রাজনৈতিক সমাজতত্ত্ব। ঢাকা: বাংলা একাডেমী
মুরশিদ, গোলাম (২০০৫)। হাজার বছরের বাঙ্গালি সংস্কৃতি। ঢাকা: অবসর
শরীফ, আহমদ (২০১২)। সমাজ সংস্কৃতির স্বরূপ। দ্বিতীয় সংস্করণ। ঢাকা: বিদ্যাপ্রকাশ

16.16 Course Number and Title

BSLT. 2408: Audiology-1: Hearing Science and Psychoacoustics
(শ্রুতিতত্ত্ব-১: শ্রুতিবিজ্ঞান ও মনো-তরঙ্গ ধ্বনিবিজ্ঞান)

16.16.1 Credit Hours: 04

16.16.2 Course Description

This course is designed to provide the students basic features of hearing science and auditory perception of human beings. In this course, students will learn how they perceive sounds with the help of their auditory organs and then reach to the brain for further processing.

16.16.3. Course Objectives

After completing the course students will be able to-

- explain basic features and organs of human ear.
- analyze auditory techniques and process of human beings.
- describe relevant theories and methods of hearing science and psychoacoustics.

16.16.4 Course Content

1. Hearing Science

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Hearing Science and auditory phonetics:
Definition, relation, goal and scope
Fundamentals of Sound: auditory acoustics perspective
Anatomy and physiology of the auditory system
The middle ear
The inner ear
Measurement principles and the nature of hearing

2. Psychoacoustics

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Psychoacoustics: definition, goal, scope
Hearing area
Information processing in the auditory system
Pitch and pitch strength
Loudness
Sharpness and sensory pleasantness
Rhythm
Bineural hearing

16.16.5 References

- Ando, Y. & Cariani, P. (eds.). (2009). *Auditory and Visual Sensation*. New York: Springer
- Flemming, E.S. (2002). *Auditory Representations in Phonology*. New York & London: Routledge
- Gelfand, S.A. (2004). *Hearing: An introduction to psychological and physiological acoustics*. New York: Marcel Dekker
- Gelfand, S. A. (2009). *Essentials of Audiology*. New York: Thieme medical publishers
- Greenberg, S., Ainsworth, W.A., Popper, A.N. & Fay, R.R. (2004). *Speech Processing in the Auditory System*. New York: Springer
- Howard, D.M.& Angus, J. (2006). *Acoustic sand Psychoacoustics*. London: Elsevier
- Martin, E.N. & Clark, J.G.(2009). *Introduction to Audiology*. Boston: Allyn & Bacon
- Martin, M. (ed.).(1987). *Speech Audiometry*. London: Taylor & Francis
- Sahley, T. L., & Musiek, F. E. (2014). *Basic Fundamentals in Hearing Science*. USA: Plural Pub Incorporated
- Schnupp, J., Nelken, I. & King, A. (2011). *Auditory Neuroscience*. Cambridge, MA: The MIT Press
- Yost, W.A., (2007).*Fundamentals of Hearing: An Introduction*. San Diego: Academic Press
- Zimlin, W.R. (1997). *Speech and hearing science: Anatomy and physiology*. Boston: Allyn & Bacon
- Zwicker, H.F.E.(2007). *Psychoacoustics Facts and Models*. Berlin: Springer
- Warren, R.M. (2008). *Auditory Perception An analysis and synthesis*. Cambridge University Press

16.17 Course Number and Title

BSLT. 2409 First Comprehension (theoretical aspects)

[প্রথম সর্বাঙ্গিক (তত্ত্বীয়)]

16.17.1 Credit Hours: 02

16.17.2 Course Description

This course is designed to evaluate students' comprehensive theoretical knowledge that they have developed from the courses taught from 1st semester to 4th semester. At the same time they will be able to explain the knowledge and information of these courses according to their own ability.

16.17.3 Course Objectives

Upon completion of this course, students will be able to-

- assimilate the knowledge of previous courses;
- explain the knowledge according to their own ability;

16. 17.4 Course Content

Contents of all compulsory courses taught from 1st semester to 4th semester.

16.17.5 References

No reference is specified.