

First Year

Semester 1

- BSLP. 1101 Introduction to Human Communication Sciences
- BSLP. 1102 Language Skill Development: Bangla and English
- BSLP. 1103 Language Acquisition and Cognitive Development
- BSLP. 1104 Linguistics for Clinicians: Phonetics

Semester 2

- BSLP. 1205 Linguistics for Clinicians: Phonology and Morphology
- BSLP. 1206 Anatomy and Physiology of Speech and Language
- BSLP. 1207 Linguistics for Clinicians: Syntax, Semantics and Pragmatics
- BSLP. 1208 Psychology: Abnormal and Counseling Psychology

Second Year

Semester 3

- BSLP. 2301 Introduction to Nonverbal Communication
- BSLP. 2302 Neurology of Language and Communication
- BSLP. 2303 Audiology 1: Hearing Science and Psychoacoustics
- BSLP. 2304 ICT for Communication Disorders

Semester 4

- BSLP. 2405 Sign Language
- BSLP. 2406 Psycholinguistics and Clinical Linguistics
- BSLP. 2407 Statistics
- BSLP. 2408 Audiology 2: Pediatric Audiology
- BSLP. 2409 First Comprehension (theoretical aspects)

Third Year

Semester 5

- BSLP. 3501 Introduction to Research Methodology
- BSLP. 3502 Developmental Language Disorders (DLD)
- BSLP. 3503 Audiology 3: Hearing Sciences & Aural Rehabilitation
- BSLP. 3504 Neuro-Developmental Language Disorders
- BSLP. 3505 Clinical Practicum 1: Pediatrics and Audiology

Semester 6

- BSLP. 3606 Medical Technology and Assessment in Speech and Language Pathology
- BSLP. 3607 Neurogenic Communication Disorders
- BSLP. 3608 Clinical Phonetics and Motor Speech Disorders
- BSLP. 3609 Clinical Practicum 2: Neurology

Fourth Year

Semester 7

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

Semester 8

- BSLP. 4805 Professional Development: Therapy & Treatment
- BSLP. 4806 Medical Aspects of Speech and Language Pathology (Theory + Practical)
- BSLP.4807 Diagnosis and Management of Articulation and Phonological Disorders
- BSLP. 4808 Second Comprehension (Clinical Aspects)

Non-credit courses

66

- BSLP. 0001 Bangladesh Studies
- BSLP. 0002 A Modern Language
- BSLP. 0003 Introduction to Human Resource Management

16. Detail of the Courses

16.1 Courses Number and Title

BSLP. 1101: Introduction to Human Communication Sciences

(মানব-যোগাযোগবিজ্ঞানের ভূমিকা)

16.1.1 Credit Hours: 04

16.1.2 Course Description

This course provides a brief introduction to communication disorders as a discipline. The long-term goal of this course is for students to understand various fundamental aspects of communication sciences and disorders. It is designed to cover the characteristics, types, classifications of communication sciences and various disorders associated with human communication.

16.1.3 Course Objectives

This course will enable the students to-

- a. demonstrate an understanding of fundamentals of human communication sciences and disorders;
- b. demonstrate an ability to analyze and discuss the concept of 'communication' and its associated terms and features;
- c. demonstrate an ability to apply theories of human communication sciences and disorders to a real-life situation.

16.1.4 Course Intended Learning Outcome

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

*CILO1.*Analyze and articulate types, characteristics and features of human communication;

*CILO2.*Apply theories and methods of communication sciences and disorders to explain real-life communicative events;

*CILO3.*Demonstrate a clear understanding of the views and concept of human communication sciences and disorders.

16.1.5 Course materials

The following are two sets of course materials.

First, a collection of presentation slides to be used in each lecture. These slides are based on chapters of different books and articles.

Second, a collection of readings, to provide additional discussion of the issues and analysis of different lectures. These materials will be provided by the course teachers throughout the semester.

16.1.6 Course Content

a. Introduction of Communication Sciences

50

Communication: Definition, functions and concept

Types of communication

Models of the communication process

Introduction to Communication Sciences

Theory of Communication Sciences

Methods used in Communication Disorders

b. Communication Disorders

50

Communication Disorder: definition, goal, scope
Basic concepts-1: speech, language and communication
Basic concepts-2: impairment, disability, handicap, disorder, communication disorder
Communication Disorders and related terms: Speech and Language Therapy, Speech and language pathology, communication therapy, audiology
Types of communication disorders
 Developmental language disorders
 Neurogenic or acquired language disorders
 Organic vs. functional disorders
 Speech vs. language disorders
 Articulation and phonological disorders
Topics of communication disorders

16.1.7 References

- Averbeck, S. (2008). Comparative history of communication studies: France and Germany. *The Open Communication Journal* 2, 3–13
- Barker, L.L. (1981). *Communication*. New Jersey: Prentice-Hall
- Berger, C. R. (2005). Interpersonal communication: Theoretical perspectives, future prospects. *Journal of Communication* 55(3), 415–447
- Calhoun, C. (2011). Communication as social science (and more). *International Journal of Communication* 5
- Carroll, J. B. (1958). Communication theory, linguistics, and psycholinguistics. *Review of Educational Research* 28(2), 79–88
- Cummings, L.(ed.).(2014). *The Cambridge Handbook of Communication Disorders*. Cambridge: Cambridge University Press
- Danesi, M. (2009). *Dictionary of Media and Communication*. New York: M.E. Sharpe, Inc.
- Devito, J.A. (1981). *Communication Concept and Process*. New Jersey: Prentice-Hall
- Eadie, W.F. (2009). *21st Century Communication A Reference Handbook*. Los Angeles: A SAGE Reference Publication
- Fogle, P.T. (2013). *Essentials of Communication Sciences and Disorders*. Clifton Park, NY: Delmar Cengage Learning
- Gillam, R.B., Marquardt, T.P. & Martin, F.N. (2011). *Communication Sciences and Disorders From Science to Clinical Practice*. Sudbury, Massachusetts: John and Bartlett Publishers
- Glozman, J.M. (2004). *Communication Disorders and Personality*. New York: Springer Science + Business Media
- Kent,R.D. (2004). *The MIT Encyclopedia of Communication Disorders*. Cambridge, MA: The MIT Press
- আরিফ, হাকিম ও জাহান, তাওহিদা (২০১৪)। যোগাযোগবিজ্ঞান ও ভাষাগত অসঙ্গতি। ঢাকা: বুকস্ ফেয়ার

16.2 Courses Number and Title

BSLP. 1102: Language skill Development: Bangla and English

16.2.1 Credit Hours: 04

16.2.2 Course Description

This course gives scope to effectively learn two languages- Bengali and English. The long-term goal of this course is for students to become aware of the fundamental rules of these languages. It is designed to acquire four skills of these languages with special emphasis on writing and listening so that they fruitfully apply their learning outcome to the context of the academic environment and real-life situation.

16.2.3 Course Objectives

This course will enable students to:

1. demonstrate an understanding of the core aspects of Bengali and English languages;
2. demonstrate an ability to analyze and discuss roles and skills of these languages;
3. demonstrate an ability to apply four skills in different communicative contexts.

16.2.4 Course Intended Learning Outcomes

Upon successful completion of the course, students will be able to:

CILO1. Analyze and articulate the nature, structures and functions of Bengali and English;

CILO2. Apply basic roles and skills of these languages in different academic environments and real-life situation;

16.2.5 Course Materials

The main course material can be distributed into three sets:

First, a collection of presentation slides to be used in each lecture.

Second, a collection of readings like advanced books and articles, which provide additional discussion of the issues of these two languages. These materials will be provided by the course teacher throughout the semester.

16.2.6 Course Content

1. Bangla

50

ভাষা: সংজ্ঞা, বৈশিষ্ট্য ও রূপ
বাংলা ভাষা ও সাহিত্যের উদ্ভব ও বিকাশ
বাংলা যুক্ত ব্যঞ্জন ও উচ্চারণ সূত্র
বাংলা সাধু ও চলিতরূপ
বাংলা বানান
বাংলা শব্দ ও বাক্য ও পদক্রম
বাংলাবিরামচিহ্ন
লিখন দক্ষতা: বাক্য লিখন, অনুচ্ছেদ, প্রবন্ধ ও প্রতিবেদন
বাংলা গ্রন্থ সংশোধন
বাংলা রেফারেন্স পদ্ধতি

2. English

50

English grammar
Developing writing skills: paragraph, essay, report and CV, assignment writing

English writing style, Punctuation marks, British and American English, reference style

Developing reading skills: strategies for reading

Listening and note-taking

Developing speaking skills

Common Errors of English

16.2.7 References

Hegde, M.N (2010). *A Course book on Scientific and Professional Writing for Speech and Language Pathology*. Clifton Park, NY: Delmar, Cengage Learning

Leech, G. et al. (2000). *A Communicative Grammar of English*. London: Longman

Murphy, R. (2003). *Intermediate English Grammar*. Cambridge: Cambridge University Press

Quirk, P. & Grenbaum, S. (2000). *A University Grammar of English*. London: Longman

Rutherford, W. (1988). *A Workbook in the Structure of English*. London: Blackwell

আরিফ, হাকিম (২০২০)। *মানবাংলা লেখার নিয়ম-কানুন*। ঢাকা: অন্য প্রকাশ

শহীদুল্লাহ, মহম্মদ (১৯৯৮)। *বাঙ্গালা ভাষার ইতিবৃত্ত*। ঢাকা: মাওলা ব্রাদার্স

— (১৯৯৫)। *বাংলা ব্যাকরণ, রচনাবলী ২য় খণ্ড*। ঢাকা: বাংলা একাডেমী

বিশ্বাস, নরেন (১৯৯০)। *বাংলা উচ্চারণ অভিধান*। ঢাকা: বাংলা একাডেমী

সেন, সুকুমার (১৯৯৮)। *ভাষার ইতিবৃত্ত*। কলিকাতা: আনন্দ পাবলিশার্স লিমিটেড

চট্টোপাধ্যায়, সুনীতিকুমার (১৯৯৮)। *ভাষা প্রকাশ বাংলা ব্যাকরণ*। কলিকাতা: রূপা অ্যান্ড কোম্পানী

সিকদার, সৌরভ (১৯৯৯)। *বানান অভিধান ও বাংলা বানানের নিয়ম*। ঢাকা: অনন্যা

16.3 Course Number and Title

BSLP. 1103: Language Acquisition and Cognitive Development

(ভাষা আয়ত্তকরণ ও প্রজ্ঞানমূলক বিকাশ)

16.3.1 Credit Hours: 04

16.3.2 Course Description

This course allows students to become aware of the relation between language and cognitive development. The long-term goal of the course is for students to understand the basics of language acquisition and cognitive development. This course is designed to uncover the techniques of how children effectively acquire their mother tongue along with their innate cognitive mechanism.

16.3.3. Course Objectives

This course will enable students to:

1. demonstrate an understanding of the core concepts of children's language acquisition and learning process;
2. demonstrate an ability to analyze and discuss theories and methods of language cognitive development;
3. demonstrate an ability to apply these theories and methods to explain the steps of children's language development process.

16.3.4 Course Intended Learning Outcomes

Upon successful completion of the course, students will be able to:

CILO1. Analyze and articulate the features, types and functions of language and cognitive development;

CILO2. Apply theories of language acquisition and cognitive development to the context of Bangladesh;
CILO3. Demonstrate a clear understanding of explaining the nature of language and cognitive development of children with Bengali language and others.

16.3.5 The main course material can be distributed into three sets:

First, a collection of presentation slides to be used in each lecture.

Second, a collection of readings, which provide additional discussion of the issues and analysis brought up during the lectures. These materials will be provided by the course teacher throughout the semester.

16.3.6 Course Content

1. Language Acquisition

50

Language acquisition: definitions, goal, scope

Essentials of communication development

Early interaction and non-verbal communication, and other aspects

Development of listening, attention and comprehension

Vocabulary development

Development of expressive language and speech

Phoneme, word, sentence, meaning, language usage

Development of reading and writing and pragmatic communication

Developing symbol and cultural artifacts

Child's language development milestone

Means, needs and opportunities for communication

2. Cognitive Development

50

Cognition: definition, concept, scope

Cognition: A process of mental state

Theories of cognition

Piaget's theory, Vygotsky's theory and others

Cognition and language development

Thinking and reasoning

Theory of Mind

Cognition as a social process

16.3.7 References

Bavin, E.L. (2009). *The Cambridge Handbook of Child Language*. Cambridge University Press

Begum, K.A. (2001). *The Language Development of Children*. Dhaka: Institute of Education and Research, University of Dhaka

Harris, J. (1990). *Early Language Development*. London and New York: Routledge

Kail, M. & Hickmann, M. (eds.). (2010). *Language Acquisition across Linguistic and Cognitive Systems*. Amsterdam / Philadelphia: John Benjamins Publishing Company

Lycan, W.G. (ed.). (1999). *Mind and Cognition: An Anthology*. Malden, Mass: Blackwell Publishers, Inc.

Lust, B.C. (2006). *Child Language Acquisition and Growth*. Cambridge University Press

Martin, J.A.M. (1981). *Voice, Speech and Language in the Child: Development and Disorders*. Wein and New York: Springer-Verlag

Oakley, L. (2004). *Cognitive development*. London: Routledge

- Oates, J. & Grayson, A. (eds.).(2004). *Cognitive and Language Development of in Children*. Wiley-Blackwell
- Pinker, S. (2007). *The Stuff of Thought Language as a Window into Human Nature*. Viking
- Smith, M. & Dukes, C. (2007). *Developing Pre-School Communication and Language*. London: Paul Chapman Publishing
- Stenning, K., Lascarides, A. & Calder, J. (2006). *Introduction to Cognition and Communication*. Cambridge, MA: The MIT Press
- TOMASELLO, M. (2003). *Constructing a Language A usage-based theory of language*. Cambridge, MA: Harvard University Press
- Taylor, M. (2005). *Introducing cognitive development*. New York: Psychology press
- আরিফ, ড. হাকিম, চৌধুরী, ডা. শোয়েবুর রেজা, ফেরদৌস, ডা. ফাহিমদা ও জাহান, তাওহিদা (২০১৫)। *শিশুর ভাষা-বিকাশ ম্যানুয়েল : একটি প্রস্তাবনা*। ঢাকা বিশ্ববিদ্যালয়: যোগাযোগ বৈকল্য বিভাগ

16.4. Course Number and Title

BSLP. 1104: Linguistics for Clinicians: Phonetics
(চিকিৎসকের জন্য ভাষাবিজ্ঞান: ধ্বনিবিজ্ঞান)

16.4.1 Credit Hours: 04

16.4.2 Course Description

This course provides both a theoretical and practical study of the domain of phonetics. The long-term goal of the course is for students to understand the basics as well as the latest development of the aspects of phonetics. This course is designed to cover core concepts of human sound systems like theories, methods and techniques of sound production and their relevant explanation.

16.4.3 Course Objectives

This course will enable students to:

1. demonstrate an understanding of the core issues and queries related to articulatory and acoustics phonetics;
2. demonstrate an ability to analyze and discuss theories and methods of these two branches of phonetics;
3. demonstrate an ability to apply these theories and methods to explain sound systems of children with Bengali language and others.

16.4.4 Course Intended Learning Outcomes

Upon successful completion of the course, students will be able to:

- CILO1. Analyze and articulate* the nature, structures and functions of human speech sound;
- CILO2. Apply* theories and methods of human sound systems to the specific context of the Bangla and other languages;
- CILO3. Demonstrate a clear understanding* of the basic theories and methods of articulatory phonetics and acoustics phonetics.

16.4.5 Course Materials

The main course material can be distributed into three sets:

- First, a collection of presentation slides to be used in each lecture.

Second, a collection of readings, which provide additional discussion of the issues and analysis brought up during the lectures. These materials will be provided by the course teacher throughout the semester.

16.4.6 Course Content

1. *Articulatory Phonetics* 40
 - Speech: definition, characteristics and features
 - Speech organs
 - Speech production: place of articulation, manner of articulation, the position of the soft palate
 - Transcriptions of speech sounds
 - Classifications of speech sounds: vowel, consonants, semi-vowel, segmental and supra-segmental sounds
2. *Acoustics Phonetics* 40
 - Acoustics phonetics: definition, goal, scope
 - Basic concepts: sound wave, wavelength, frequency, amplitude, period, formant, resonance, Fourier analysis, spectrum, spectrogram
 - Source and Filter theory
 - Spectrographic analysis
3. *Data analysis* 20
 - Analyzing speech sounds of normally developing people
 - Analyzing pathological speech sounds

16.4.7 References

- Ashby, M. & Maidment, J. (2005). *Introducing Phonetic Science*. Cambridge University Press
- Clark, J. & Yallop, C. (1999). *An Introduction to Phonetics and Phonology*. London: Blackwell
- Devenport, M. & Hannah, S.J. (2005). *Introducing Phonetics and Phonology*. London: Hodder Arnold
- FANT, G. (2004). *Speech Acoustics and Phonetics*. Dordrecht: Kluwer Academic Publishers
- Fry, D.B. (ed.). (1976). *Acoustic Phonetics A course of basic readings*. Cambridge University Press
- Johnson, K. (2003). *Acoustic and Auditory Phonetics*. Blackwell Publishers
- Kuttruff, H. (2007). *Acoustics An Introduction*. London and New York: Taylor & Francis
- Ladefoged, P. (2001). *A Course in Phonetics*. Heinle & Heinle Thompson Learning
- , —. (2001). *Vowels and Consonants An Introduction to the Sounds of Languages*. Blackwell Publishers
- , —. (1996). *Elements of Acoustic Phonetics*. Chicago and London: Chicago University Press
- Ladefoged, P. & Maddieson, I. (1996). *The Sounds of the World's Languages*. Oxford and Cambridge, MA: Blackwell Publishers
- Ogden, R. (2009). *An Introduction to English Phonetics*. Edinburgh: Edinburgh University Press
- Windsor, F., Kelly, M.L. & Hewlett, N. (eds.). (2002). *Investigations in Clinical Phonetics and Linguistics*. Mahwah, New Jersey and London: LAWRENCE ERLBAUM ASSOCIATES, PUBLISHERS

আলী, জীনাৎ ইমতিয়াজ (২০০১)। *ধ্বনিবিজ্ঞানের কথা*। ঢাকা: মাঞ্জলা ব্রাদার্স

হাই, মুহাম্মদ আবদুল (১৯৬৪)। *ধ্বনিবিজ্ঞান ও বাংলা ধ্বনিতত্ত্ব*। ঢাকা: বাংলা একাডেমী