

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

16.5 Course Number and Title

BSLP. 1205: Linguistics for Clinicians: Phonology and Morphology

(চিকিৎসকের জন্য ভাষাবিজ্ঞান: ধ্বনিতত্ত্ব ও রূপতত্ত্ব)

16.5.1 Credit Hours: 04

16.5.2 Course Description

This course is intended to familiarize the students with the rules of phonological changes and the forms of basic word structure. The long-term goal of the course is for students to understand the basics concepts, theories and methods of phonology and morphology. This course is designed to cover basic phonological systems within a language and, to a small degree, across language typologies.

16.5.3 Course Objectives

This course will enable students to:

1. demonstrate an understanding of the basic issues and queries related to phonology and morphology;
2. demonstrate an ability to analyze and discuss core aspects of the human morpho-phonological system;
3. demonstrate an ability to apply theories and methods of phonology and morphology in the context of the Bengali language and others.

16.5.4 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 phonology and morphology;

CILO2. Apply phonological and morphological theories and methods in the context of Bengali language others;

CILO3. Demonstrate a clear understanding of the phonological and morphological systems of persons with Bengali, English and others.

16.5.5 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.

16.5.6 Course Content

1. Phonology

Phoneme: concept, definition, features and forms

Allophone: definitions and features

Segment and supra-segment: features and types

Syllable and syllabification: structure and forms

Phonetic vs. phonemic transcriptions

Prosody

Different types of phonology

Practicing Bengali Phonological rules

Phonological changes and speech disorders

Key concepts of morphology: morph, allomorph, root, stem, affix, lexeme
 Classifications of words
 Lexical morphology
 Inflectional morphology
 Prosodic words vs. morphological words
 Morpho phonemics and morphosyntax
 Practicing Bengali grammatical categories: case, gender, number, tense
 Morphological categories concerning speech and language disorders

16.5.7 References

- Chomsky, N. & Halle, M. (eds.). (1968). *The Sound Pattern of English*. New York: Harper & Row, Publishers
- De Lacy, P.(ed.).(2007). *The Cambridge Handbook of Phonology*. Cambridge University Press
- Katamba, F. (1989). *An Introduction to Phonology*. London and New York: Longman
- McAllister, J. & Miller, J. (2013). *Introductory Linguistics for Speech and Language Therapy Practice*. Wiley-Blackwell
- Lodge, K. (2009). *Fundamental Concept in Phonology*. Edinburgh: Edinburgh University Press
- Odden, D. (2005). *Introducing Phonology*. Cambridge University Press
- ইসলাম, রফিকুল (১৯৯২)। *ভাষাতত্ত্ব*। ঢাকা: বুক ভিউ
- মোরশেদ, আবুল কালাম মনজুর (২০০৯)। *আধুনিক ভাষাতত্ত্ব*। ঢাকা: মাওলা ব্রাদার্স
- শ', রামেশ্বর (১৯৮৮)। *সাধারণ ভাষাবিজ্ঞান ও বাংলা ভাষা*। কলিকাতা: পুস্তক বিপণি
- হক, মহাম্মদ দানীউল (২০০৩)। *ভাষাবিজ্ঞানের কথা*। ঢাকা: মাওলা ব্রাদার্স

16.6 Course Number and Title

BSLP. 1206: Anatomy and Physiology of Speech and Language
 (বাচন ও ভাষার শারীরবৃত্ত ও অঙ্গ-ব্যবচ্ছেদ বিদ্যা)

16.6.1 Credit Hours: 04

16.6.2 Course Description

This course provides theoretical and practical aspects of physiology and speech and language. The long-term goal of the course is for students to understand the basics of the structure and functions of human physiology with a special emphasis on speech and language. This course is designed to cover the discussion of body parts involved in speech and language activities.

16.6.3 Course Objectives

This course will enable students to:

1. demonstrate an understanding of the core issues and queries related to speech and language physiology;
2. demonstrate an ability to analyze and discuss core aspects of structure and functions of human physiology involved in speech and language production;
3. demonstrate an ability to apply knowledge and theories of human speech physiology in the context of speech and language production.

16.6.4 Course Intended Learning Outcomes

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

CILO1. Analyze and **articulate** the structures and functions of human speech production;

CILO2. Apply these theories and knowledge to interpret the nature of speech and language production of persons with Bengali and others;

CILO3. Demonstrate a clear understanding of the relation between physiology and speech and language.

16.6.5 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.

16.6.6 Course Content

Anatomy and physiology of human body: An introduction

Human Body and relation between speech and language

Basic embryology

Respiration and pulmonary initiation

Phonation and the larynx

Articulation: Pharynx and mouth

Articulation: The labio-mandibular system

Elements of articulatory typology

The articulatory description of vowels and consonants

Co-articulation and co-production

Anatomy of hearing

The physiological function of the organs involved - lungs, larynx, nasopharynx, sinuses, palate, tongue, lips, ear

16.6.7 References

Dickson, D.R. & Dickson, M. (1995). *Anatomical and Physiological Bases of Speech*. Butterworth-Heinemann Medical

Divenyi, P. et al. (2006). *Dynamics of Speech Production and Perception*. Amsterdam: IOS Press

Fuller, D.R., Pimentel, J.T., & Peregoy, B.M. (2012). *Applied anatomy & physiology for speech-language pathology & audiology*. Philadelphia, PA: Wolters Kluwer/Lippincott, Williams, & Wilkins

Lenneberg, E.H. (1967). *Biological Foundations of Language*. New York: Wiley

Lieverman, P. & Blumstein, S.E. (1988). *Speech Physiology, Speech Perception and Acoustics Phonetics*. Cambridge University Press

Marchal, A. (2009). *From Speech Physiology to Linguistic Phonetics*. Hoboken, NJ: Wiley

Seikel, A., King, D. & Drumright, D.G. (2009). *Anatomy and Physiology for Speech, Language, and Hearing*. Clifton Park: Delmar Cengage Learning

16.7 Course Number and Title

BSLT. 1207: Linguistics for Clinicians: Syntax, Semantics and Pragmatics

(চিকিৎসকের জন্য ভাষাবিজ্ঞান: বাক্যতত্ত্ব, বাগর্থ বিজ্ঞান এবং প্রয়োগার্থ বিজ্ঞান)

16.7.1 Credit Hours: 04

16.7.2 Course Description

This course is intended to familiarize the students with the forms of basic sentence structure as well as meaning. The long-term goal of the course is for students to understand the basic theories and methods of the word and sentence structure and its meaning aspects. This course is designed to cover different concepts of syntactic systems and relevant meanings within a language and, to a small degree, across language typologies.

16.7.3 Course Objectives

This course will enable students to:

1. demonstrate an understanding of the core issues and queries related to syntax, semantics and pragmatics;
2. demonstrate an ability to analyze and discuss theories and methods of these three branches of linguistics;
3. demonstrate an ability to apply theories and techniques to explain the structures of sentences and their meanings.

16.7.4 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 sentences and their associated meanings;

CILO2. Apply theories and methods to explain sentences structures and the meanings of Bengali and other languages;

CILO3. Demonstrate a clear understanding of the relation between word and sentence as well as their inherent meanings.

16.7.5 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.

16.7.6 Course Content

1. Syntax

Syntax: definition, goal and scope

Traditional Grammar and sentence

Structural Syntax

Transformational Generative Grammar

Analyzing Bengali Subject-Verb-Agreement, Word order, Noun Phrase, Verb Phrase, Prepositional Phrase

Language disorders and syntactic anomalies

2. Semantics

30

Semantics: definition, goal and scope

Basic concepts: utterance and sentence, sense and reference, denotation and connotation, syntagmatic vs. paradigmatic

The semantics of words: antonyms, synonyms, homonyms, hyponyms, polysemy

Meaning and ambiguity analysis

Analyzing semantics of Bengali sentences

Semantic problems and speech-language disorders

3. Pragmatics

30

Pragmatics: definition, goal and scope

Semantics vs. pragmatics

Speech acts: concepts, history and forms

Implicature: Gricean maximums and other perspectives

Presuppositions: concept, types and scope

Metaphor

Discourse and conversation

The scope of pragmatic disability

Clinical pragmatics and assessment of adult language disorders

16.7.7 References

Arif, H. (2012). On some definitions of Pragmatics and Semantics. *Journal of the Institute of Modern Languages*. Vol. 23, 53-65

Aronoff, M.& Fudeman, K. (2011). *What is Morphology?* Blackwell Publishing,

Bhattacharja, S. (2007). *Word Formation in Bengali: a Whole Word Morphological Description*. Berlin: LINCOM

Booij, G. (2005). *The Grammar of Words An Introduction to Linguistic Morphology*. Oxford University Press

Chomsky, N.A. (1965). *Aspects of the Theory of Syntax*. Massachusetts: The MIT Press

–, – (1957). *Syntactic Structures*. The Hague: Mouton

Cruse, D.A. (2000). *Meaning in Language An Introduction to Semantics and Pragmatics*. Oxford: Oxford University Press

Habermas, J. (1998). *On the Pragmatics of Communication* (ed. Maeve Cooke): Cambridge, MA: The MIT Press

Horn, L.R. & Ward, L. (2006). *The Handbook of Pragmatics*. Oxford: Blackwell Publishing

Haspelmath, M. (2002). *Understanding Morphology*. London: Arnold

Leech, G. (1983). *Principles of Pragmatics*. London: Longman

Levinson, S. (1983). *Pragmatics*. London: Cambridge University Press

McAllister, J. & Miller, J. (2013). *Introductory Linguistics for Speech and Language Therapy Practice*. Wiley-Blackwell

Müller, N. (ed.). (2000). *Pragmatics in Speech and Language Pathology studies in clinical applications*. Amsterdam and Philadelphia: John Benjamins Publishing Company

Nida, E.A. (1949). *Morphology The Descriptive Analysis of Words*. ANN ARBOR: UNIVERSITY OF MICHIGAN PRESS

Palmar, F.R. (1983). *Semantics*. Cambridge: Cambridge University Press

–, – (1971). *Grammar*. London: Penguin Books

Rauh, G. (2010). *Syntactic Categories*. Oxford University Press

Searle, J.R. (1977). *Speech Acts*. Cambridge: Cambridge University Press

Spencer, A. & Zwicky, A. (eds.). (?). *The Handbook of Morphology*. Blackwell Publishing

Szabo, Z.G.(ed.).(2005). *Semantics vs. Pragmatics*. Oxford: CLARENDON PRESS

Thomas, L. (1993). *Beginning Syntax*. Oxford: Blackwell Publishing

Van Valin, R.D. (2004). *An Introduction to Syntax*. Cambridge University Press

Yale, G. (1996). *Pragmatics*. London: Oxford University Press

আজাদ, হুমায়ুন (১৯৯৯)। *অর্থবিজ্ঞান*। ঢাকা: আগামী প্রকাশনী

ইসলাম, রফিকুল (১৯৯২)। *ভাষাতত্ত্ব*। ঢাকা: বুকভিউ

মোরশেদ, আবুল কালাম মনজুর (২০০৯)। *আধুনিক ভাষা তত্ত্ব*। ঢাকা: মাওলা ব্রাদার্স

শং, রামেশ্বর (১৯৮৮)। *সাধারণ ভাষাবিজ্ঞান ও বাংলা ভাষা*। কলিকাতা: পুস্তক বিপণি

হক, মহাম্মদ দানীউল (২০০৩)। *ভাষাবিজ্ঞানের কথা*। ঢাকা: মাওলা ব্রাদার্স

16.8 Course Number and Title

BSLT. 1208: Psychology: Abnormal Psychology and Counseling Psychology

(মনোবিজ্ঞান: অস্বভাবী ও নির্দেশনামূলক মনোবিজ্ঞান)

16.8.1 Credit Hours: 04

16.8.2 Course Description

This course is introduced to make the students familiar with the fundamentals of human psychology with special reference to their abnormal behavior as well as counseling techniques. In this course, students will learn the psychological interpretation of abnormal human behavior and counseling techniques.

16.8.3 Course Objectives

This course will enable students to:

1. demonstrate an understanding of the core issues and queries related to abnormal and counseling psychology;
2. demonstrate an ability to analyze and discuss method and theories used in these branches of psychology;
3. demonstrate an ability to apply theories and methods to help to diagnose the abnormal behaviors of persons with speech and language disorders as well as to provide counseling techniques.

16.8.4 Course Intended Learning Outcomes

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

- CILO1. Analyze and articulate** the nature, structures and topics of abnormal psychology and abnormal psychology;
- CILO2. Apply** theories and methods of these disciplines to the different context of speech and language therapy;
- CILO3. Demonstrate a clear understanding** of the relation between speech and language problems and psychological reality.

16.8.5 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.

16.8. 6 Course Content

1. *Introduction to Psychology* 30
Psychology: definition, scope, perspective and field of psychology, and method of psychology
Theories of learning
Motivation and emotion
Theories of personality
2. *Abnormal Psychology* 30
Abnormal Psychology: definition and scope
Causal factors of abnormal behaviors
Classifications and diagnosis of abnormal behaviors
Stress and adjustment disorder
2. *Counseling Psychology* 50
Definition of counseling: exploration phase, understanding and action phase, termination phase
Approaches in counseling: psychoanalytic, client-oriented, behavioral, cognitive-behavioral
Testing and assessment in counseling

16.8.7 References

- American Psychological Association. (2004). *Thesaurus of psychological index terms*. Woodbridge: Author.
- Antony, M.M. & Barlow, D.H. (2002). *Handbook of Assessment and Treatment Planning for Psychological Disorders*. New York: The Guilford Press
- Barky, B.G. & Mukhapadhyay, B. (1989). *Counseling and Guidance: A Manual*. New Delhi: Sterling Publishers Private Ltd.
- DEVINSKY, O. & D'ESPOSITO, M. (2004), *Neurology of Cognitive and Behavioral Disorders*. Oxford University Press
- Feldman, R.S. (2002). *Understanding Psychology*. New York: McGraw Hill Higher Education
- Goldberg, T.E. & Weinberger, D.R. (2009). *The Genetics of Cognitive Neuroscience*. Cambridge, MA: The MIT Press
- Heffman, K. (2004). *Psychology in Action*. USA: John Wiley and Sons, Inc.
- McLeod, J. (2003). *An Introduction to Counseling*. Berkshire: Open University Press
- Myers, D. (2007). *Psychology*. New York, NY: Worth Publishers
- Rosenthal, H. (2008). *Encyclopedia of Counseling*. New York and London: Routledge
- Sarason, I.G., Sarason, B.R. (2002). *Abnormal Psychology*. Englewood, Cliffs: Prentice Hall