

Contemporary Linguistics

An Introduction

Second edition

WILLIAM O'GRADY
University of Hawaii

JOHN ARCHIBALD
University of Calgary

FRANCIS KATAMBA
University of Lancaster



Longman
is an imprint of

PEARSON

Harlow, England • London • New York • Boston • San Francisco • Toronto
Sydney • Tokyo • Singapore • Hong Kong • Seoul • Taipei • New Delhi
Cape Town • Madrid • Mexico City • Amsterdam • Munich • Paris • Milan

Brief Contents

Preface	xv
Acknowledgements	xvii
Publisher's acknowledgements	xix
List of Technical Abbreviations	xxi
1 Language: A Preview	1
2 Phonetics: The Sounds of Language	16
3 Phonology: The Function and Patterning of Sounds	59
4 Morphology: The Analysis of Word Structure	116
5 Syntax: The Analysis of Sentence Structure	153
6 Semantics and Pragmatics: The Analysis of Meaning	197
7 Cognitive Grammar	243
8 Historical Linguistics: The Study of Language Change	272
9 The Classification of Languages	327
10 First Language Acquisition	357
11 Second Language Acquisition	394
12 Psycholinguistics: The Study of Language Processing	428
13 Brain and Language	455
14 Language in Social Contexts	477
15 Writing and Language	523
16 Animal Communication	547
17 Computational Linguistics	581
Glossary	620
Sources	655
Appendix: phonetic charts	668
Language Index	672
Subject Index	677

Contents

Preface	xv
Acknowledgements	xvii
Publisher's acknowledgements	xix
List of Technical Abbreviations	xxi
1 Language: A Preview	1
<i>William O'Grady</i>	
1.1 Specialisation for language	2
1.2 A creative system	3
1.3 Grammar and linguistic competence	5
Summing up	14
Recommended reading	14
Exercises	14
2 Phonetics: The Sounds of Language	16
<i>Michael Dobrovolsky · Francis Katamba</i>	
2.1 Phonetic transcription	17
2.2 The sound-producing system	19
2.3 Sound classes	22
2.4 Consonant articulation	23
2.5 Manners of articulation	26
2.6 Vowels	35
2.7 Phonetic transcription of English consonants and vowels	40
2.8 Suprasegmentals	42
2.9 Speech production	48
2.10 Other vowels and consonants	53
Summing up	54
Recommended reading	55
Exercises	55
3 Phonology: The Function and Patterning of Sounds	59
<i>Ewa Czaykowska-Higgins · Michael Dobrovolsky · Francis Katamba</i>	
3.1 Segments in contrast	60
3.2 Phonetically conditioned variation: phonemes and allophones	64
3.3 Phonetic and phonemic transcription	75
3.4 Above the segment: syllables	78
3.5 Features	88
3.6 Derivations and rules	99
Summing up	106
Recommended reading	106

Appendix: hints for solving phonology problems	106
Exercises	108
4 Morphology: The Analysis of Word Structure	116
<i>William O'Grady · Videia de Guzman</i>	
4.1 Words and word structure	117
4.2 Derivation	122
4.3 Compounding	126
4.4 Inflection	132
4.5 Other morphological phenomena	135
4.6 Morphophonemics	143
Summing up	144
Recommended reading	144
Appendix: how to identify morphemes in unfamiliar languages	144
Exercises	145
5 Syntax: The Analysis of Sentence Structure	153
<i>William O'Grady</i>	
5.1 Categories and structure	155
5.2 Complement options	165
5.3 Move	169
5.4 Universal Grammar and parametric variation	179
5.5 Some additional structures	184
Summing up	189
Recommended reading	189
Appendix: how to build tree structures	190
Exercises	194
6 Semantics and Pragmatics: The Analysis of Meaning	197
<i>William O'Grady · Francis Katamba</i>	
6.1 The nature of meaning	197
6.2 The conceptual system	206
6.3 Syntax and sentence interpretation	214
6.4 Pragmatics: other factors in sentence interpretation	225
Summing up	237
Recommended reading	237
Exercises	237
7 Cognitive Grammar	243
<i>John Taylor</i>	
7.1 Language as a symbolic system	243
7.2 Cognitive grammar	244
7.3 Categories and concepts	246
7.4 Assembly	254
7.5 Idioms and constructions	258
7.6 The role of the conceptualiser	262

7.7	Mental spaces	266
	Summing up	269
	Recommended reading	269
	Exercises	269
8	Historical Linguistics: The Study of Language Change	272
	<i>Robert W. Murray</i>	
8.1	The nature of language change	272
8.2	Sound change	276
8.3	Morphological change	288
8.4	Syntactic change	293
8.5	Lexical and semantic change	296
8.6	The spread of change	304
8.7	Language reconstruction	307
8.8	Language change and naturalness	319
	Summing up	320
	Recommended reading	321
	Exercises	322
9	The Classification of Languages	327
	<i>Aleksandra Steinbergs</i>	
9.1	Some preliminaries	327
9.2	Typological classification	331
9.3	Genetic classification	348
	Summing up	354
	Recommended reading	354
	Exercises	355
10	First Language Acquisition	357
	<i>William O'Grady · Sook Whan Cho</i>	
10.1	The study of language acquisition	357
10.2	Phonological development	361
10.3	Vocabulary development	366
10.4	Morphological development	372
10.5	Syntactic development	376
10.6	What makes language acquisition possible?	383
	Summing up	390
	Recommended reading	390
	Exercises	390
11	Second Language Acquisition	394
	<i>John Archibald</i>	
11.1	The study of second language acquisition	395
11.2	Interlanguage grammars	400
11.3	Factors affecting SLA	414
11.4	The L2 classroom	418

Summing up	425
Recommended reading	425
Exercises	425
12 Psycholinguistics: The Study of Language Processing	428
<i>Gary Libben</i>	
12.1 Methods of psycholinguistic research	428
12.2 Language processing and linguistics	438
12.3 Putting it all together: psycholinguistic modelling	447
Summing up	453
Recommended reading	453
Exercises	453
13 Brain and Language	455
<i>Gary Libben</i>	
13.1 The human brain	455
13.2 Investigating the brain	459
13.3 Aphasia	465
13.4 Acquired dyslexia and dysgraphia	469
13.5 Linguistic theory and aphasia	470
Summing up	475
Recommended reading	475
Exercises	476
14 Language in Social Contexts	477
<i>Gerard Van Herk · Francis Katamba</i>	
14.1 Language variation and social distinctions	480
14.2 Place	482
14.3 Time	495
14.4 Isolation	497
14.5 Contact	501
14.6 Distinctions within a community: class, ethnicity and gender	505
14.7 Social interaction and language	510
14.8 How societies deal with language	514
Summing up	519
Recommended reading	520
Exercises	520
15 Writing and Language	523
<i>Michael Dobrovolsky</i>	
15.1 Types of writing	523
15.2 The early history of writing	524
15.3 The evolution of writing	527
15.4 Some non-European writing systems	533
15.5 English orthography	538
15.6 Writing and reading	543

Summing up	545
Recommended reading	545
Exercises	546
16 Animal Communication	547
<i>Michael Dobrovolsky</i>	
16.1 Non-vocal communication	547
16.2 Communication structure: the study of signs	549
16.3 The bees	556
16.4 The birds	559
16.5 Non-human primates	562
16.6 Testing non-human primates for linguistic ability	567
16.7 Comparing communication systems: design features	574
Summing up	578
Recommended reading	579
Exercises	579
17 Computational Linguistics	581
<i>Judith Klavans</i>	
17.1 Computational phonetics and phonology	583
17.2 Computational morphology	588
17.3 Computational syntax	592
17.4 Computational lexicology	599
17.5 Computational semantics	603
17.6 Practical applications of computational linguistics	606
Summing up	614
Recommended reading	614
Exercises	615
Glossary	620
Sources	655
Appendix: phonetic charts	668
Language Index	672
Subject Index	677