#### **Beginning Syntax**

A coherent introduction to generative syntax by a leader in the field, this textbook leads students through the theory from the very beginning, assuming no prior knowledge. Introducing the central concepts in a systematic and engaging way, it covers the goals of generative grammar, tacit native-speaker knowledge, categories and constituents, phrase structure, movement, binding, syntax beyond English and the architecture of grammar. The theory is built slowly, showing in a step-by-step fashion how different versions of generative theory relate to one another. Examples are carefully chosen to be easily understood, and a comprehensive glossary provides clear definitions of all the key terms introduced. With end of chapter exercises, broader discussion questions, and annotated further reading lists. *Beginning Syntax* is the ideal resource for instructors and beginning undergraduate students of syntax alike. Two further textbooks by Ian Roberts, *Continuing Syntax* and *Comparing Syntax*, will take students to intermediate and advanced level.

IAN ROBERTS obtained a BA in Linguistics with a French minor from the University of Bangor in 1979. From 1981 to 1985 he attended the University of Southern California, obtaining a PhD in Linguistics in 1985. He took up his current post as Professor of Linguistics at the University of Cambridge in 2000. In 2007 he became an Ordinary Fellow of the British Academy. He has published eight monographs and three textbooks, and has edited several collections of articles. He was Joint Editor of *Journal of Linguistics*, the journal of the Linguistics Association of Great Britain, for 1994–8.

> An excellent textbook for introductory syntax. The explanations are clear and concise, and the topics explored are reinforced through well focused exercises and discussion questions. Highly recommended for students in linguistics and related fields.

> > Brian Agbayani, Department of Linguistics, California State University, Fresno

A clear and engaging introduction to modern generative syntax that expertly integrates foundational material with modern insights. Skillfully guides the reader from basic concepts towards advanced argumentation, paving the way for further study. A valuable addition to any introductory syntax course.

Sylvia L.R. Schreiner, George Mason University

Roberts manages with great gusto and authority the very difficult task of providing a coherent, contemporary view of generative syntax. For the student, it provides an understanding of the conceptual continuity underlying the theory. For the instructor, it will be a joy to use.

Professor George Tsoulas, University of York

A thorough and comprehensive introduction to syntax for beginners, with clear and easily analyzable examples. The coverage is impressive, preparing students to delve deeper into syntactic theory for future, more advanced courses.

Professor Olga Griswold, CalPoly Pomona

A thorough and engaging presentation of foundational methods and discoveries in formal syntactic theory, deftly interleaved with pointers to contemporary developments and active research questions.

Dr Brian Hsu, University of North Carolina, Chapel Hill

CAMBRIDGE TEXTBOOKS IN LINGUISTICS

General editors: U. ANSALDO, P. AUSTIN, B. COMRIE, R. LASS, D. LIGHTFOOT, K. RICE, I. ROBERTS, S. ROMAINE, M. SHEEHAN, I. TSIMPLI

Beginning Syntax An Introduction to Syntactic Analysis

In this series:

- R. CANN Formal Semantics
- J. LAVER Principles of Phonetics
- F. R. PALMER Grammatical Roles and Relations
- M. A. JONES Foundations of French Syntax
- A. RADFORD Syntactic Theory and the Structure of English: A Minimalist Approach
- R. D. VAN VALIN JR AND R. J. LAPOLLA Syntax: Structure, Meaning and Function
- A. DURANTI Linguistic Anthropology
- A. CRUTTENDEN Intonation Second edition
- J. K. CHAMBERS AND P. TRUDGILL Dialectology Second edition
- C. LYONS Definiteness
- R. KAGER Optimality Theory
- J. A. HOLM An Introduction to Pidgins and Creoles
- G. G. CORBETT Number
- C. J. EWENH. VAN DER HULST The Phonological Structure of Words
- F. R. PALMER Mood and Modality Second edition
- B. J. BLAKE Case Second edition
- E. GUSSMAN Phonology: Analysis and Theory
- M. YIP Tone
- W. CROFT Typology and Universals Second edition
- F. COULMAS Writing Systems: An Introduction to Their Linguistic Analysis
- P. J. HOPPER AND E. C. TRAUGOTT Grammaticalization Second edition
- L. WHITE Second Language Acquisition and Universal Grammar
- I. PLAG Word-Formation in English
- W. CROFT AND A. CRUSE Cognitive Linguistics
- A. SIEWIERSKA Person
- A. RADFORD Minimalist Syntax: Exploring the Structure of English
- D. BÜRING Binding Theory
- M. BUTT Theories of Case
- N. HORNSTEIN, J. NUÑES AND K. GROHMANN Understanding Minimalism
- B. C. LUST Child Language: Acquisition and Growth
- G. G. CORBETT Agreement
- J. C. L. INGRAM Neurolinguistics: An Introduction to Spoken Language Processing and Its Disorders
- J. CLACKSON Indo-European Linguistics: An Introduction
- M. ARIEL Pragmatics and Grammar
- R. CANN, R. KEMPSON AND E. GREGOROMICHELAKI Semantics: An Introduction to Meaning in Language
- Y. MATRAS Language Contact
- D. BIBER AND S. CONRAD Register, Genre, and Style
- L. JEFFRIES AND D. MCINTYRE Stylistics
- R. HUDSON An Introduction to Word Grammar
- M. L. MURPHY Lexical Meaning
- J. M. MEISEL First and Second Language Acquisition
- T. MCENERY AND A. HARDIE Corpus Linguistics: Method, Language and Practice
- J. SAKEL AND D. L. EVERETT Linguistic Fieldwork: A Student Guide
- A. SPENCERA. LUÍS Clitics: An Introduction
- G. CORBETT Features
- A. MCMAHON AND R. MCMAHON Evolutionary Linguistics
- B. CLARK Relevance Theory
- B. LONGPENG Analyzing Sound Patterns
- B. DANCYGIER AND E. SWEETSER Figurative Language
- J. BYBEE Language Change
- S. G. THOMASON Endangered Languages: An Introduction
- A. RADFORD Analysing English Sentences Second edition
- R. CLIFT Conversation Analysis

- R. LEVINE Syntactic Analysis
- I. PLAG Word-Formation in English Second edition
- Z. G. SZABÓ AND R. H. THOMASON Philosophy of Language
- J. PUSTEJOVSKY AND O. BATIUKOVA The Lexicon
- D. BIBER AND S. CONRAD Register, Genre, and Style Second edition
- F. ZÚÑIGA AND S. KITTILÄ Grammatical Voice
- Y. MATRAS Language Contact Second edition
- T. HOFFMANN Construction Grammar
- W. CROFT Morphosyntax: Constructions of the World's Languages I. ROBERTS Beginning Syntax: An Introduction to Syntactic Analysis

Earlier issues not listed are also available.

# Beginning Syntax An Introduction to Syntactic Analysis

#### IAN ROBERTS

Downing College, University of Cambridge





Shaftesbury Road, Cambridge CB2 8EA, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

103 Penang Road, #05-06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of Cambridge University Press & Assessment, a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org Information on this title: www.cambridge.org/9781316519493

DOI: 10.1017/9781009023849

© Ian Roberts 2023

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press & Assessment.

First published 2023

Printed in the United Kingdom by TJ Books Limited, Padstow Cornwall

A catalogue record for this publication is available from the British Library

A Cataloging-in-Publication data record for this book is available from the Library of Congress

ISBN 978-1-316-51949-3 Hardback ISBN 978-1-009-01058-0 Paperback

Cambridge University Press & Assessment has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

## Contents

Preface			<i>page</i> xiii		
Li	List of Abbreviations				
		oduction: What Linguistics Is About and			
	Wha	t Syntax Is About	1		
		What Is (a) Language?	3		
		What Is Language? vs What Is a Language?	3		
		Natural Language vs Artificial Languages	4		
		Language and Languages	7		
		Natural Language	9		
		Exercises	12		
		For Further Study and/or Discussion	13		
		Further Reading	13		
1	Taci	t Knowledge (or: Several Things You Didn't Know			
		Knew about English)	15		
	1.1	8	15		
	1.2	Some Fish	15		
	1.3	More Fish and Some Relative Clauses	22		
	1.4	Really Challenging Fish	25		
	1.5	Conclusion: What the Fish Have Taught Us	31		
	Exerc	32			
	For F	33			
	For Further Study and/or Discussion Further Reading		34		
2	Cons	stituents and Categories	35		
	2.1	Introduction and Recap	35		
	2.2	Categories	36		
		2.2.1 Introduction: Lexical and Functional Categories	36		
		2.2.2 Morphological Diagnostics for Categories	38		
		2.2.3 Syntactic Diagnostics for Categories	39		
		2.2.4 Phonological Diagnostics for Categories	42		
		2.2.5 Semantics and Categories	42		
		2.2.6 Conclusion	44		
	2.3	Constituent Structure	44		
		2.3.1 Phrasal Constituents	44		
		2.3.2 Hierarchical Relations among Constituents	45		
	2.4	Conclusion	47		

v	CONTENTS
А	CONTENTS

Cambridge University Press & Assessment 978-1-316-51949-3 — Beginning Syntax Ian Roberts Frontmatter <u>More Information</u>

		Contents	xi
Ex	ercises	154	
Fo	r Discussion	154	
Fu	rther Reading	155	
7 Sy	ntax beyond English	156	
7.1	Introduction and Recap	156	
7.2	2 Approaching Universal Grammar	156	
7.3	3 Verb Positions in French and English	157	
7.4	Word Order and X'-theory	160	
7.5	5 A Case Study: German	165	
7.6	5 The Wh-Movement Parameter	171	
7.7	7 Conclusion	174	
Ex	ercises	176	
Fo	r Further Discussion	178	
Fu	rther Reading	178	
8 Tł	ne Architecture of Grammar	179	
8.1	Introduction and Recap	179	
8.2	2 A Model of Grammar	179	
8.3	3 The Lexicon	180	
8.4	D-structure	187	
8.5	5 S-structure	190	
8.6	6 Phonological Form (PF)	195	
8.7	V Logical Form (LF)	203	
8.8	8 Conclusion	211	
Ex	ercises	212	
Fu	rther Reading	214	
Co	onclusion	215	
Gloss	ary	219	
Index	-	234	

### Preface

The purpose of this book is to present the essential elements of the theory of syntax, presupposing no prior knowledge of either syntax or linguistics more generally. The first chapter introduces the thinking behind modern formal linguistics, defining the core background concepts. The second chapter is an extended demonstration of linguistic competence, revealing to an English speaker their tacit, untutored knowledge of the intricacies of the syntax of the language. The next four chapters introduce the core technical concepts of syntax: phrase structure, constituency, movement rules and construal rules. Chapter 7 is a very brief introduction to comparative syntax, illustrating how the theory developed in the earlier chapters can apply to languages other than English. Finally, Chapter 8 discusses the overall architecture of grammar, introducing several levels of representation, including the interface levels of Phonological Form and Logical Form.

The book is based on a first-year lecture course I have taught at Cambridge for most of the past ten years, called 'Structures'. That course has successfully laid the groundwork for more advanced study; several professional syntacticians had their first exposure to the subject in that context.

I do not attempt to review either the history or the state of the art in contemporary generative syntax. Instead, the book is intended to provide a solid basis from which the student can move on to more advanced topics. In the decades since its inception, generative theory has yielded a range of core insights and concepts which can be studied independently of the details of a given framework and which form the core of any formal approach to syntax (and core background to the formal study of other areas of linguistics, in particular semantics). These are the focus of this introduction, where the theoretical orientation of the book is most clearly set out. This volume is intended as the first in a series; future volumes will build on the material presented here, as well as both adding an explicitly comparative and typological dimension and engaging more directly with the minimalist programme for linguistic theory. The overall aim of the series is to provide a complete course in syntax, taking the student from beginner level to being able to engage with contemporary research literature.

This volume is intended for students starting out in syntax and assumes no prior knowledge. As mentioned above, it corresponds to a first-year course taught at Cambridge. It can be taught over a single term or semester with tutorial

Cambridge University Press & Assessment 978-1-316-51949-3 — Beginning Syntax Ian Roberts Frontmatter <u>More Information</u>

#### xiv PREFACE

support (as I have done at Cambridge) or over an entire year as a lecture course. The book tries to introduce the main concepts of syntactic theory in an engaging way with a minimum of technicalities. Each chapter features exercises, some straightforwardly testing the material covered in the chapter, others raising further questions for reflection and discussion (e.g. in tutorials), as well as suggestions for further reading. Model answers are provided separately for the first type of exercise. The second type presupposes student participation in discussions. Chapter 1 is somewhat different from the others in that it introduces some fairly complex data; the point at this stage of the exposition is to demonstrate tacit knowledge, i.e. native-speaker competence; the technical issues are, as appropriate, revisited and introduced more gradually later. Instructors may wish to skip over some of this material and/or revisit it later (for example, the Italian data can supplement the material covered in Chapter 7).

I would like to thank the other people who have taught this course in whole or in part over the years: Dora Alexopoulou, Theresa Biberauer, Craig Sailor and Jenneke van der Wal, as well as the many doctoral students, postdocs and others who have given tutorials for the course. Most of all, I'd like to thank the students themselves: you ultimately make everything happen. Thanks also to Bob Freidin and Dalina Kallulli for comments on early drafts. And of course, thanks to the two Helens at Cambridge University Press: Helen Barton and Helen Shannon, whose tolerance of missed deadlines fully matches my capacity to bring them about.

Cambridge University Press & Assessment 978-1-316-51949-3 — Beginning Syntax Ian Roberts Frontmatter <u>More Information</u>

# Abbreviations

AAVE	African-American Vernacular English
ACC	accusative case
Agr	agreement
A(P)	adjective (phrase)
Adv(P)	adverb (phrase)
ASL	American Sign Language
Aux(P)	auxiliary (phrase)
BSL	British Sign Language
C(P)	complementiser (phrase)
CNPC	Complex NP Constraint
Comp	complementiser
Conj	conjugation
D(P)	determiner (phrase)
GEN	genitive case
LBC	Left Branch Condition
LF	Logical Form
М	mood
Mod	modifier
Neg(P)	negation (phrase)
NOM	nominative case
N(P)	noun (phrase)
NSL	Nicaraguan Sign Language
NUM	number
OV	object-verb
OSV	object-subject-verb
OVS	object-verb-subject
PF	phonological form
Pl	plural (preceded by an Arabic numeral, denotes the relevant
	person, e.g. 3Pl = third-person plural)
P(P)	preposition(al phrase)
Perf(P)	perfect (phrase)
Pres	present
Prog(P)	progressive (phrase)
PST	past

xv

Cambridge University Press & Assessment 978-1-316-51949-3 — Beginning Syntax Ian Roberts Frontmatter <u>More Information</u>

xvi	LIST OF ABBREVIATIONS
Q	Question
QR	Quantifier Raising
S	sentence
SASL	South African Sign Language
Sg	singular (preceded by an Arabic numeral, denotes the relevant person, e.g. 3Sg = third-person singular)
SOV	subject-object-verb
SVO	subject-verb-object
Spec	specifier
ТОР	topic (marker)
T(P)	tense (phrase)
UG	Universal Grammar
VO	verb-object
V(P)	verb (phrase)
VOS	verb-object-subject
VSO	verb-subject-object
WALS	World Atlas of Language Structures (Haspelmath et al. 2013)