

## ENGLISH SYNTAX



### **1. Word classes: their functions**

From words to phrases: functions

Word-classes and Phrase classes

<https://dictionary.cambridge.org/grammar/british-grammar/about-words-clauses-and-sentences/word-classes-and-phrase-classes>

Ways of Shaping Words Into Sentences in English

<https://www.thoughtco.com/sentence-parts-and-sentence-structures-1689671>

Exercises on word classes

URL <https://benjamins.com/sites/z.156/exercise/c5q5>

Please read Units 1 to 3 for Tuesday morning from the text below.



Reading for Tuesday morning

[https://moodle.udc.es/pluginfile.php/1103859/mod\\_resource/content/1/engsyntax\\_an%20introduction.pdf](https://moodle.udc.es/pluginfile.php/1103859/mod_resource/content/1/engsyntax_an%20introduction.pdf)

Please read Units 1, 2 and 3.

## **2. What is Syntax? Syntactic roles of linguistic structures**

- Constituency

- Embedding
- Recursivity
- Syntactic ambiguity
- Tree diagramms
- Phrase-structure rules

Exercises: The Structure of VPs

<http://www.ello.uos.de/field.php/Syntax/StructureOfVPs>

Noun Phrases

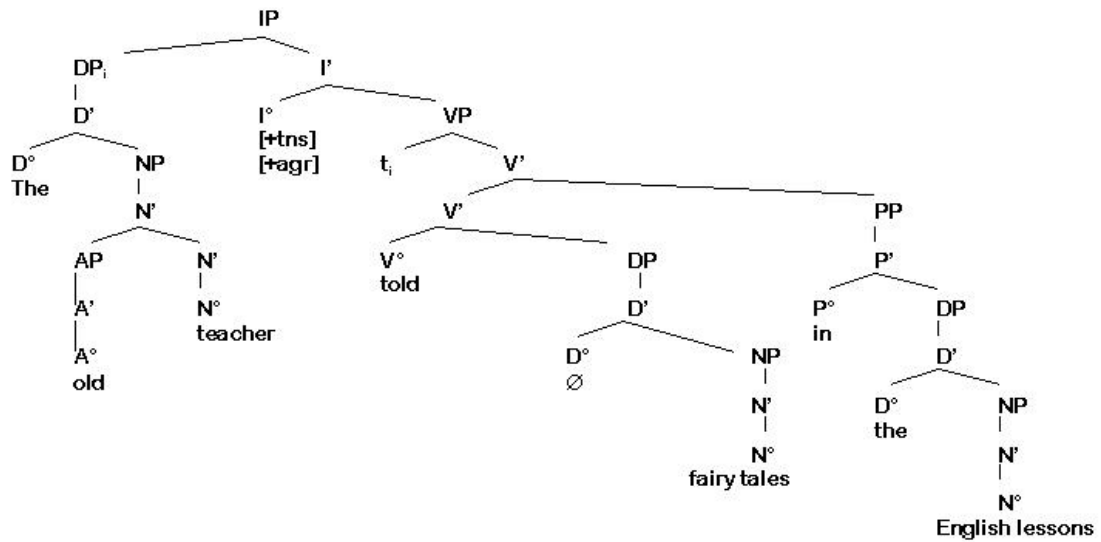
<http://aeo.sllf.gmul.ac.uk/Files/NounPhrases/Noun%20Phrases.html>

Sentence Structure

<https://www.thoughtco.com/sentence-structure-english-grammar-1691891>

Exercises: Syntax for Natural Language Processing

[https://www.cs.bham.ac.uk/~pxc/nlp/InteractiveNLP/NLP\\_syn1.html](https://www.cs.bham.ac.uk/~pxc/nlp/InteractiveNLP/NLP_syn1.html)



Clause type identification

<http://esl.fis.edu/grammar/multi/clauses.htm>

Identify types of sentences

<http://esl.fis.edu/grammar/multi/satzType.htm>

Syntactic ambiguity

[https://language.link.let.uu.nl/~lion/index.php?s=Grammar\\_exercises/grammar\\_4&lang=en](https://language.link.let.uu.nl/~lion/index.php?s=Grammar_exercises/grammar_4&lang=en)

### 3. Syntactic representation of functions

Subject-predicate identification quiz

<http://esl.fis.edu/grammar/multi/subpred.htm>

Phrase Structure and function

<https://benjamins.com/sites/z.156/exercise/c7q5>

Clauses and clause elements

[http://folk.uio.no/hasselg/grammar/Week2\\_syntactic.htm](http://folk.uio.no/hasselg/grammar/Week2_syntactic.htm)

#### **4. Syntax and Computers**

- Parser

- Parsing trees

- Parsing algorithms

Syntactic processing

[https://moodle.udc.es/pluginfile.php/1103837/mod\\_resource/content/1/Syntactic%20processing.pdf](https://moodle.udc.es/pluginfile.php/1103837/mod_resource/content/1/Syntactic%20processing.pdf)

Lexical and semantic influences on semantic processing

[https://moodle.udc.es/pluginfile.php/1103839/mod\\_resource/content/1/lexical%20and%20semantic%20inf%20on%20synt%20proc.pdf](https://moodle.udc.es/pluginfile.php/1103839/mod_resource/content/1/lexical%20and%20semantic%20inf%20on%20synt%20proc.pdf)

Introduction to programming languages

[https://en.wikibooks.org/wiki/Introduction\\_to\\_Programming\\_Languages/Parsing](https://en.wikibooks.org/wiki/Introduction_to_Programming_Languages/Parsing)

Syntactic parsing

[https://moodle.udc.es/pluginfile.php/1103841/mod\\_resource/content/1/syntactic%20parsing.pdf](https://moodle.udc.es/pluginfile.php/1103841/mod_resource/content/1/syntactic%20parsing.pdf)

A Guide to Parsing

<https://tomassetti.me/guide-parsing-algorithms-terminology/>

For Kazakh and Uzbekh languages

Representation of Uzbekh morphology

<https://books.google.es/books?id=nLs2vEXwIhYC&pg=PA83&lpg=PA83&dq=parsers+for+uzbekh&source=bl&ots=czfrzSfo6D&sig=nDIHMk-YFTvD15vRGmHtC6cm8j4&hl=en&sa=X&ved=0ahUKEwjZqbfQt-rbAhVOIxQKHfXOCzQQ6AEIfTAI#v=onepage&q=parsers%20for%20uzbekh&f=false>

Identification of Basic Phrases for Kazakh Language

[https://moodle.udc.es/pluginfile.php/1103845/mod\\_resource/content](https://moodle.udc.es/pluginfile.php/1103845/mod_resource/content)

[/1/Identification%20of%20Basic%20Phrases%20for%20Kazakh%20Language.pdf](#)

Improved chart parsing applied Kazakh graph analysis

<https://ieeexplore.ieee.org/document/7175777/>

Multilingual Parsing from Raw Text to Universal Dependencies

[https://moodle.udc.es/pluginfile.php/1103847/mod\\_resource/content/1/Multilingual%20Parsing.pdf](https://moodle.udc.es/pluginfile.php/1103847/mod_resource/content/1/Multilingual%20Parsing.pdf)

Web based software for syntactic parsing

Definition of parser and parsing

<https://moodle.udc.es/mod/page/view.php?id=601897>

**FOR SELF-STUDY**

**(Syntax module)**

[More on](#)

[Syntax http://pandora.cii.wvu.edu/vajda/ling201/test1materials/syntax.htm](http://pandora.cii.wvu.edu/vajda/ling201/test1materials/syntax.htm)

A video on syntactic constituency I

<https://www.youtube.com/watch?v=n9168PgGHBc&feature=youtu.be>

A video on syntactic constituency II

<https://www.youtube.com/watch?v=MPWuI9whbEY&feature=youtu.be>

These two videos will help you further understand what constituency refers to.

Context Free Grammar Developer

<https://web.stanford.edu/class/archive/cs/cs103/cs103.1156/tools/cfg/>

Web-based software.

Try it on!

The Context Free Grammar Checker

<http://smlweb.cpsc.ucalgary.ca/>