

Note: Rounded brackets, “()”, means it’s optional.

1. Noun:

$$NP \rightarrow (Det) (AdjP) N (PP)$$

2. Verb:

$$VP \rightarrow (AdvP) V (NP) (AdvP) (PP) (AdvP)$$

3. Adjective:

$$AdjP \rightarrow (Deg) Adj (PP)$$

4. Adverb:

$$AdvP \rightarrow (Deg) Adv$$

5. Preposition:

$$PP \rightarrow P NP$$