

University of Basrah
College of Arts
Dept., of Translation

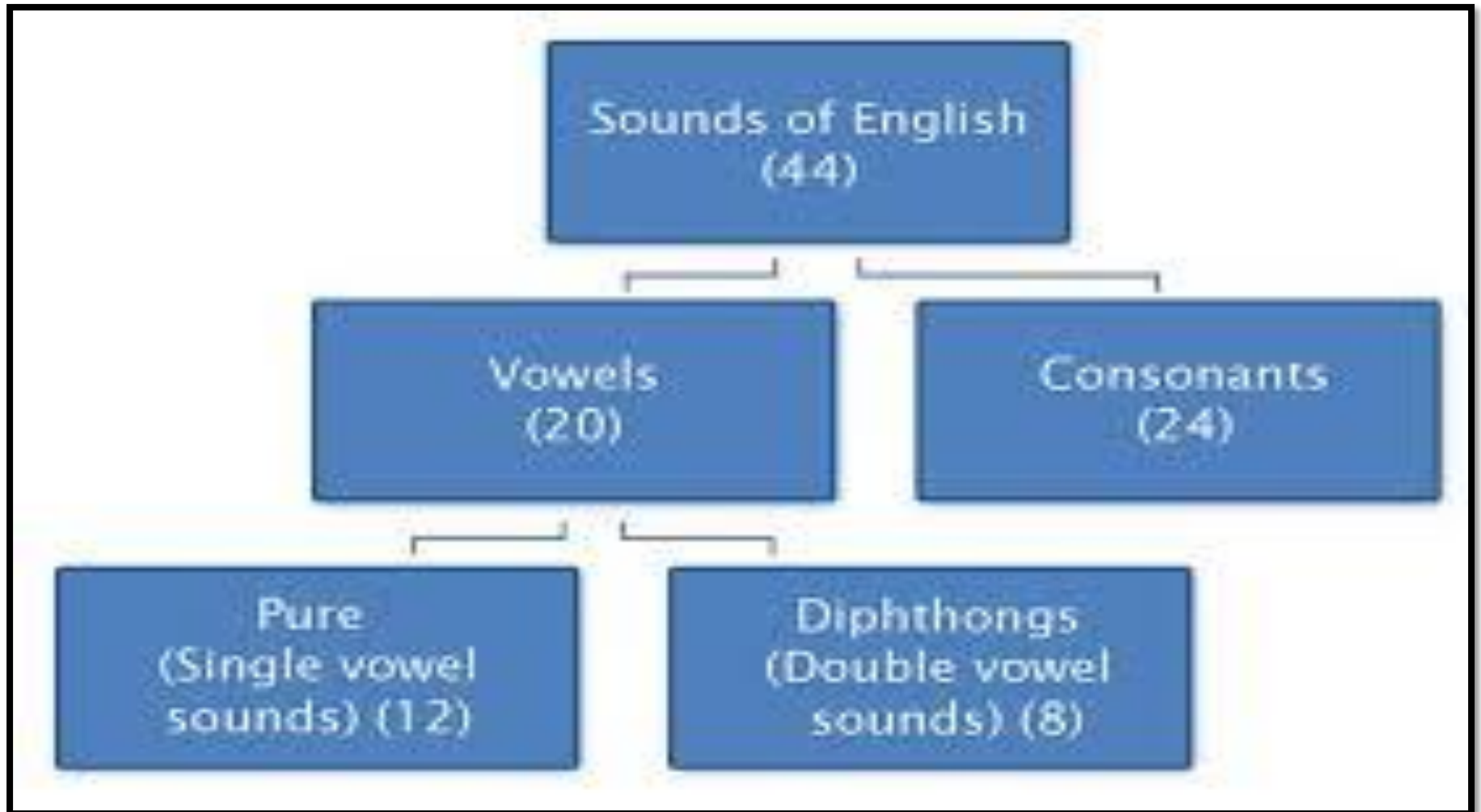
Course Title: English Phonetics
and phonology
Level: One (Morning Studies)

Speech Sounds

By

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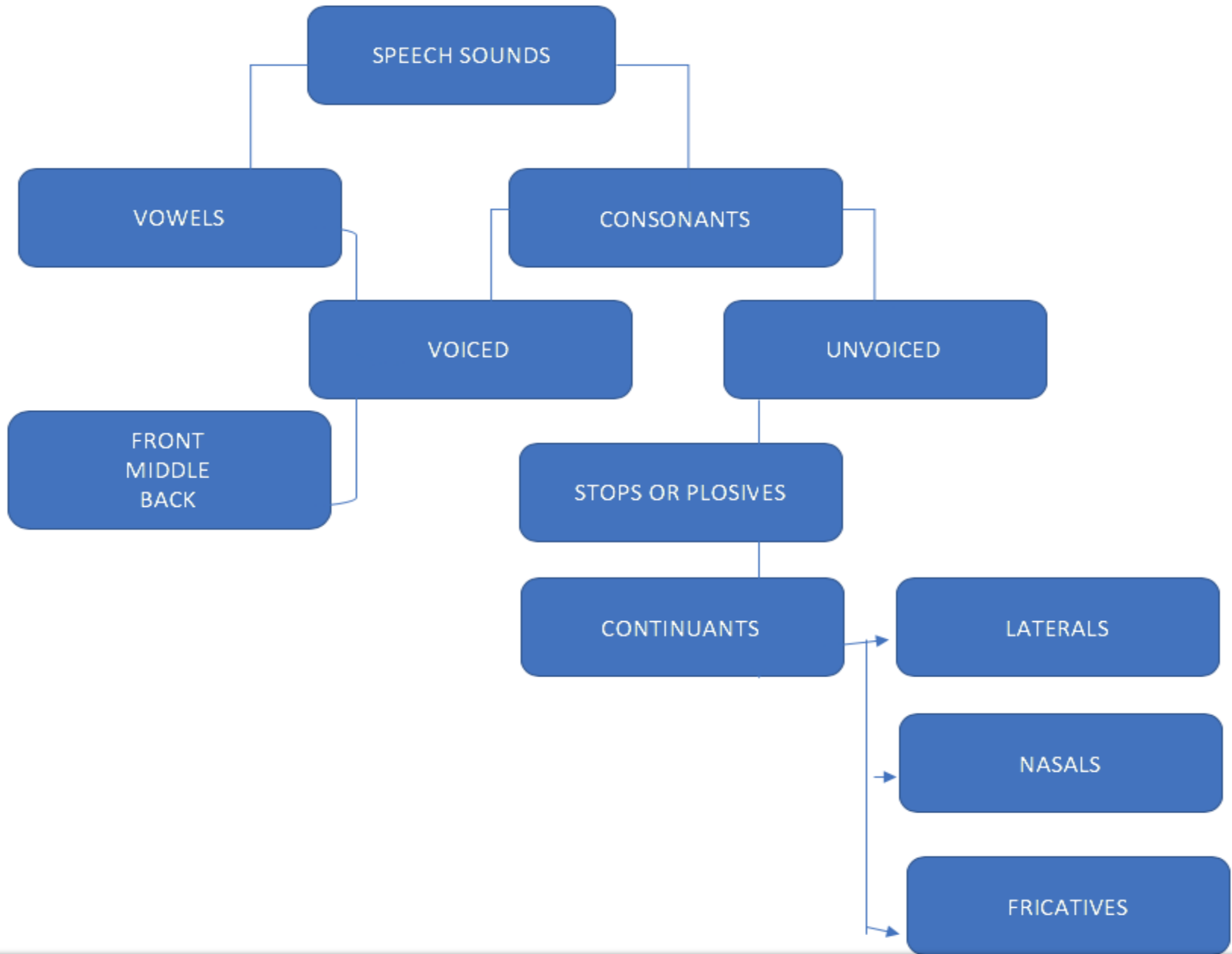
Speech Sounds



Classification of English sounds

English speech sounds:

- **Vowels:** Speech sounds which are produced with no obstruction of the vocal tract, so no turbulence or a total stopping of the air can be perceived.
 - **Consonants:** Speech sounds which are produced by constricting or obstructing the vocal tract at some place to modulate the flow of air in the vocal tract.
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Consonant Sounds

Consonants classification

Most English consonants can be classified using three articulatory parameters:

-Voicing:

vibration or lack of vibration of the vocal folds.

- Place of Articulation:

the point at which the air stream is most restricted.

-Manner of Articulation:

What happens to the moving column of air.

Consonant Sound Chart

Classification of NAE Consonant Phonemes

Manner of Articulation	Place of Articulation						
	Bilabial	Labiodental	Dental	Alveolar	Palatal	Velar	Glottal
Stop Voiceless Voiced	p b			t d		k g	
Fricative Voiceless Voiced		f v	θ ð	s z	ʃ ʒ		h
Affricate Voiceless Voiced					tʃ dʒ		
Nasal Voiced	m			n		ŋ	
Liquid Voiced				l	r		
Glide Voiced	w				y		

Consonant sounds

p	b	t	d	f	v	θ	ð
/pɪn/	/bæd/	/tɪn/	/dɒg/	/faɪv/	/væn/	/θɪn/	/ðæt/
pin	bad	tin	dog	five	van	thin	that
m	n	ŋ	h	tʃ	dʒ	k	g
/mæn/	/nəʊz/	/θɪŋ/	/ha:f/	/tʃɜ:tʃ/	/dʒæm/	/kaɪnd/	/gʌn/
man	nose	thing	half	church	jam	kind	gun
s	z	ʃ	ʒ	l	r	w	j
/seɪ/	/zu:/	/ʃɪp/	/meʒə/	/leg/	/rʌn/	/wɜ:k/	/jes/
say	zoo	ship	measure	leg	run	work	yes

vowels

*The articulatory classification of English vowels
(position of the tongue)*

Vowels

(according to the horizontal movements of the tongue)

front

central

back

Vowels

(according to the vertical movements of the tongue)

high

mid

low