

Bioinformatics / Biostatistics : pronouncing them is half the battle

bi•o•in•for•ma•tics

bi•o•sta•tis•tics



2 rules to keep in mind:

If it ends in -ix, it's probably a Gaul.

Prefixes in multisyllabic words typically carry a _____ stress.

Words that end in **-ics** are stressed on the _____ syllable except _____.

Practice with the following words:

genomics – linguistics – acrobatics – academics – cosmetics

1. Read the “BODY words” and match them to their “vowel sound” (make pairs):

<u>heart</u>	<u>cell</u>	<u>Homologous</u>	<u>Bioinformatics</u>	<u>student</u>	<u>Structural</u>
<u>Gene</u>	<u>Background</u>	<u>variable</u>	<u>system</u>		
car /ɑ:/	heart	bell /e/			
cold /əʊ/		bus /ʌ/			
cow /aʊ/		pig /ɪ/			
kite /aɪ/		read /ɪ:/			
chair /ɛə/		book /ʊ/			

Within your area of study find 3 words for each “vowel sound”

heart/ɑ:/		bell /e/	
Function /əʊ/		bus /ʌ/	
cow /aʊ/		pig /ɪ/	
Mining /aɪ/		read /ɪ:/	
chair /ɛə/		book /ʊ/	

2. <-ed>: classify the words according to their pronunciation (/d/, /t/, /ɪd/)

systematized – checked – reinforced – upgraded – tested – covered – increased – explained – rejected –
tried – reunited

/d/	/t/	/ɪd/

FINDING YOUR WHY



Bill Watterson, *Calvin & Hobbes*:

Weirdos from Another Planet!, 1988

Choose one of the videos below to watch.



Biostatistics - Major / Faculty of Mathematics, University of Waterloo, 2024 (2:03)

Find out what a “co-op” is in Canadian higher education. What is the French equivalent?



Master of Bioinformatics - Where can the degree take me? Monash University, 2026 (1:24)



My career in genomics: bioinformatics, Sanger Institute Cambridge, 2024 (3:10)

Who is speaking on behalf of the program? What is the students' course of study (undergraduate, master, PhD)?

What are their arguments to promote the program / their choice of career?

Compare information with someone who watched another of the three videos. Are there significant overlaps or differences?

Do these videos capture your motivation for pursuing this degree? Do you have other reasons?

Finish the following sentences about yourself. (It doesn't have to be about work/school!)

I'm fascinated by

I've recently become interested in

I've always loved

Compare your answers with a partner's.

What are the major differences between three sentences? What information do they give or omit?