

Importance of additional Computing background for students in the Life Sciences

I am an undergraduate student at UBC engaged in a technical writing project. The purpose of this survey is to obtain primary data for an investigation that aims to provide recommendations to motivate students in the Life Sciences to pursue additional computing background.

The final formal report will be addressed to undergraduate students and potentially the departmental head of Biology. The data I gather from this survey will serve the ultimate purpose of motivating students to acquire additional computing skillsets not covered by the UBC Biology departmental requisites.

The survey contains 8 multiple-choice questions and one longer-input question. It should take about 5 minutes of your time. Your responses are voluntary and anonymous. Thank you, I appreciate your generous participation in my survey.

If you have any questions do not hesitate to contact me at aleemtariq19@gmail.com.

* Required

1. Major *

2. Field of Most Recent Research Experience *

e.g. Neuroscience, Immunology, Cognitive Neuroscience, Ecology, Biomathematics, etc. Choose most recent research role. If no research role/experience, enter a relevant class project that involved computational-techniques.

3. Importance of specific languages in your field of research *

e.g. data analysis, statistical tests, background in programming languages, modelling and visualizing problem domains. If no research role/experience, enter an answer according to how important such a background was necessary for a relevant class project that involved computational-techniques

Mark only one oval per row.

	1 (Low)	2	3 (Medium)	4	5 (High)	N/A
R	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MATLAB	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Python	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Java	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ruby	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SQL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. UBC provides adequate CS-courses catered towards students in my major *

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

5. What specific computational skills would you like to explore?

e.g. skillsets that would be of benefit to you in your field, and expand your career/research opportunities

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