

# 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 purpose of informing students on the benefits of additional computing skills.

The survey contains 5 multiple-choice questions and two short-answer questions. 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](mailto:aleemtariq19@gmail.com).

\* Required

## 1. Major \*

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## 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.

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### 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. I am curious about programming \*

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. 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

6. Additional Computing background would positively impact my research opportunities \*

*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

7. Additional Computing background would positively impact my career opportunities (outside of academia) \*

*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

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