

**SCROLL TO PAGE 3 FOR
RELATIONALITY CAPSTONE
PROJECT RUBRIC**

**BISC 410 – Behavioural Ecology
Marking rubric for dominant science
research proposal (Fall 2021)**

Marking Rubric by blake danis and Dr. Kevin Lam

Marks Criterion (out of 100)

Introduction	
12	<p>Background information positions the proposed research within the context of current knowledge, such that the need for your proposed study is made obvious, and relevant background information is provided.</p> <ul style="list-style-type: none"> - E.g. Provide background on your study organism, what is known about the behaviour you are looking at, gaps in knowledge about your proposal topic, etc.
10	<p>Significance and Impact</p> <p>Clarity of explanation of overall significance of the study and how your study will impact the field of behavioural ecology, or more specifically the understanding of your organism(s) of study</p> <p><u>Tips:</u> Anticolonial/decolonial aspects you might want to think about addressing in your introduction, using tools and ideas from our lessons:</p> <ul style="list-style-type: none"> - How have you included other ways of knowing/understanding into your background research? - How can/did you use your introduction to reframe this research, in order to decolonize this research and/or make it significant outside of a dominant science lens? - How is your research project significant/impactful outside the dominant science lens? - In what ways are the studies you're citing (in your introduction) rooted in dominant science perspectives?
3	Clear and realistically answerable question
3	Clarity of hypothesis & prediction(s)



Methods	
6	<p>Appropriateness of design of the experiment/study to test prediction(s)</p> <ul style="list-style-type: none"> - How well does the experimental design you are proposing answer your research question?
12	Thoroughness and precision of description of methods, and the quality of the experimental design.
8	<p>Approach to data collection and analysis aligns with the study design</p> <p><u>Tips:</u> Anticolonial/decolonial aspects you might want to think about addressing in your methods section, using tools and ideas from our lessons:</p> <ul style="list-style-type: none"> - Who has access to the data, who will it be shared with, how will it be presented? - Do your methods use the two-eyed seeing approach, or variant, seen in other Indigenous cultures? If yes, how? If not, how might you change that? - How can you make your methods more collaborative with Indigenous communities? - What effects might your scientific activities and findings affect Indigenous communities? - How might you mediate those effects in a respectful and ethical way?
Anti/Decolonial aspects of dominant research proposal	
33	<p>How well did you incorporate and explore anticolonial aspects both from tutorial lessons and your own research into your proposal?</p> <ul style="list-style-type: none"> o Being worth 1/3 of your proposal mark a fair amount of time should be put into thinking, incorporating, and exploring these ideas in more depth, in each section of your proposal. See above for additional tips and ideas.
General	
5	Relevance and thoroughness of scientific literature cited
4	<p>Appropriate formatting of references</p> <ul style="list-style-type: none"> • APA or AMA format (can use in text superscript) • reference page will not count in 3-page limit
4	Grammar and writing style (clarity)



Deductions

Exceeded length (3 pages, double-spaced, Minimum 11pt font) <ul style="list-style-type: none"> Reference page not included in length limit. 	Deduct 10 marks
Late (per day or part thereof)	Deduct 10 marks

BISC 410 – Behavioural Ecology Marking rubric for Relationality and Community building portfolio (Fall 2021)

Marking Rubric by blake danis and Dr. Kevin Lam

Marks Criterion (out of 100)

Positionality	
17	Depth and thoughtfulness of the Positionality Exercise component of this project. <ul style="list-style-type: none"> A strong positionality component will address your relations to the land and place, and reflections on self and family (refer to tutorial 4 as a guide). Upon reading this section, consider how well someone would be able to understand where you came from, who you are, your relationality to family, and why/how you came to be involved in biology/research.
Gifts	
17	How well did you highlight your unique gifts, and identify creative ways that you might be able to share them with Indigenous communities? <ul style="list-style-type: none"> A strong gifts section will have a deep reflection-of-self component, and expand on how these gifts might be impactful to communities if you are invited to help.
Accountability	
17	How thoroughly and precisely did you identify & describe what you are accountable to? <ul style="list-style-type: none"> A strong accountability section will have deep reflection on your relations with self, family, and your own community, as well as who/what you would be accountable to if you formed relations with Indigenous communities
Building-of-Connections	
17	How thorough, appropriate and thoughtful/personal are your plans for how you might build connections with Indigenous communities <ul style="list-style-type: none"> A strong building-of-connections section will share Indigenous protocols for engaging with community members, as well as highlight key considerations for deciding who should be building these connections, when these



	connections should be pursued, and where these connections should be made.
Maintaining Connections	
17	How detailed and realistic is your plan for how to maintain the connections made with Indigenous communities <ul style="list-style-type: none"> - A strong section will draw from Indigenous voices and teachings on how folks should be maintaining connections with communities and staying accountable to the indigenous community you hope to build relations with and apply these lessons to your own specific situation.
5	Relevance and thoroughness of literature cited
6	Grammar and writing style (clarity, language usage, tone) <ul style="list-style-type: none"> - Tone and language used in this report will be important, as language can often perpetuate harm and violence towards Indigenous peoples. Be clear and precise with your writing, and if you are unsure how to discuss particular items you can watch/listen/read Indigenous content or contact me (blake) to help guide you.
4	Appropriate formatting of references <ul style="list-style-type: none"> • APA or AMA format with works cited page.

Deductions

Late (per day or part thereof)	Deduct 10 marks
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