



MASTERS STUDENT EXPLORATION

Name: _____ Degree: B.Sc. B.A. Other: _____

University: _____ Major: _____

Expected Semester Start: _____ Expected Semester End: _____

* Note that the current application deadline is **15 January**, Plan on ~2-3 years depending on track

Desired Track: Thesis (Independent Research) Non-Thesis (Literature-Based)

Intended Species/Clade: _____ (Permits may be required)

Specific Geographic Area(s) of Interest: _____

Preliminary Research Question: _____

Why does this question need to be answered? _____

Fieldwork Required? Yes No Specialized Skills Needed? Sound Recording
Specimens and/or Collections Molecular Lab Computational Other

Data Requirements: _____

Data Owners: (Permission and collaboration may be required) _____

Previous Skills: (Check all that apply)

- Specimen Collection Sound Recording Bayesian Statistics
- Specimen Preparation Boat Handling R / Python
- Bird Necropsy Molecular Lab Methods Bash / Zsh
- Bird Banding Descriptive Statistics Phylogenetic Analysis
- Bird Surveys ML Statistics Imagery / Color analysis

Others: _____

What skills would you like to learn? _____

MASTERS STUDENT EXPLORATION

Previous relevant classes or experiences: (Check all that apply as relevant to the project)

** The course numbers reflect the FGCU assignment. These may vary from your institution.*

- BCH 3023C Biochemistry
- BOT 3153C Flora of Southwest Florida
- BOT 3712C Plant Systematics & Evol.
- BSC 3303 Biogeography
- BSC 4052 Conservation Biology
- BSC 4312 Marine Biology
- BSC 4434C Bioinformatics
- CHM 4512 Computational Modeling
- EVR 4043C Environmental GIS
- ISC 3120C Scientific Process
- ISC 3154C Enviro. Research Design
- OCB 4633 Marine Ecology
- OCE 3603 Quantitative Techniques
- PCB 3043C General Ecology
- PCB 3063C Genetics
- PCB 3414C Behavioral Ecology
- PCB 3422 Population Ecology
- PCB 3463C Marine Research Methods
- PCB 3673C Evolutionary Biology
- PCB 3723C Comp. Animal Physiology
- PCB 4442C Wetland Ecology
- PCB 4454C Biological Statistics
- PCB 4522C Molecular Genetics
- PCB 4671C Evolution in the Omics Age
- PCB 4656C Molecular Tech. in Behavior
- PCB 4674C Reptile & Amphibian Evol.
- STA 2023 Statistical Methods
- STA 3163 Applied Statistics
- ZOO 3205C Invertebrate Zoology
- ZOO 3464C Field Herpetology of SWFL
- ZOO 3713C Vertebrate Form & Function
- ZOO 4272C Ornithology
- ZOO 4405 Sea Turtle Biology
- ZOO 4422C Herpetology
- ZOO 4454C Ichthyology
- ZOO 4480C Mammalogy
- ZOO 4513C Animal Behavior
- ZOO 4823C General Entomology

Others: _____

Will you need tuition support? Yes No

What salary do you anticipate needing? \$ _____/yr

** FGCU offers a limited number of in-state tuition waivers and graduate assistantships for full-time M.Sc. students (i.e., 9 credit hours per semester). Additional support would need to come from available grants, which may take 6+ months to obtain.*

Do you have any specific questions for me or concerns that you would like to bring to my attention? _____

For Dr. Johnson to fill out:

IACUC? Existing Modification New Exempt **State?** Existing Modification New Exempt
IRB? Existing Modification New Exempt **Federal?** Existing Modification New Exempt

MASTERS STUDENT EXPLORATION

Additional Space: Please use this page if you need additional space for any of the questions above, particularly as it relates to your intended study species, area of interest, data or management gap, and the conservation need to fill that gap. **Demonstrate that you have put some serious thought into your project idea, why it matters, and that it can be accomplished within the time restrictions of the program.**