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**DALHOUSIE  
UNIVERSITY****BIOL 3622 Ornithology Syllabus  
Instructor: Sarah E. Gutowsky**

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**Faculty of Science Course Syllabus BIOL 3622 'Ornithology'  
Department of Biology, Summer Term 2023**

*Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq. We are all Treaty people.*

**Instructor: Sarah E. Gutowsky****Course email: [dalhousie.ornithology@gmail.com](mailto:dalhousie.ornithology@gmail.com)****(no office hours, available during course at all times by email or phone)****On-campus June 17 – 21****Lectures (0905-1155) LSC C212 & Labs (1305-1655) LSC 4012****Off-campus June 22 – 29 (field trip)****On-campus June 30 – July 3 (see schedule for details)**

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**Course Description from the Dalhousie Academic Calendar**

Overview of avian biology and techniques for the scientific study of bird populations, including identification by sight and sound. Field-intensive, with 8 days in the field, including one week camping at a field station in Nova Scotia to conduct research on birds in their natural habitats.

**Course Prerequisites & Materials**

BIOL 2003.03 (Diversity of Life) or BIOL 2060.03 (Introductory Ecology) or BIOA 3001.03 (Ecology) or permission of the instructor. Course materials will be provided through the BrightSpace course website and email announcements. Students are expected to check the site daily for course updates and to carefully and promptly read all course emails. There is no assigned textbook.

**Course Overview**

This course is designed to give students an overview of avian biology, with an emphasis on studying birds in the field. This field-intensive class is hands-on and applied; students learn by doing. Through focused and condensed lectures, team exercises, hands-on labs, documentary viewing, and extensive field trips to a variety of Nova Scotia ecosystems, you will learn about the evolution, adaptations, and diversity of birds, key aspects of their ecology and behaviour, and techniques and strategies for the study of their behaviour, populations and communities. You will also gain experience in conducting field studies, including study design, data collection, data analysis and presentation of results. You will be amazed at how much you will have learned in just over 2 weeks. A walk in the woods will never be the same again!

