EEOB 4920: Ornithology for Teachers

Semester Credit Hours – 2 undergrad/graduate

In this class, we will seek to answer the following questions: 1) what are birds, 2) how do birds work, 3) how do we manage and conserve bird populations, and 4) how can I bring Ornithology into my classroom?

After completion of the course we will achieve the following goals and objectives:

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<th>Course Goals</th>
<th>Learning Objectives</th>
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<td>1) Have an appreciation for what makes birds unique (from other animals and from one another)</td>
<td>• Be able to identify most common eastern North American species and families.</td>
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| 2) Develop an understanding about the diverse ways birds complete their life cycles | • Be able to define the various life history strategies of NA birds.  
• Be able to explain how bird life histories are shaped by their environment and evolution.  
• Be able to describe how birds are unique from other vertebrates, and how they are similar (both organismally and ecologically). |
| 3) Grasp the fundamental principles behind conserving and managing bird populations | • Be able to explain different forms of population limitation in birds.  
• Be able to describe the decision process for applying a management action in birds.  
• Be able to articulate the challenges of bird conservation, particularly of migratory and endangered species.  
• Be able to evaluate a management plan |
| 4) Apply concepts of ornithology to students in field and classroom settings | • Be able to design a workable field activity in ornithology for students in K-12  
• Be able to connect field exercises to classroom topics. |

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