



مورocco

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UNE TANGIER FALL 2019

New courses taught by Professor Noah Perlut

Open to all students and especially relevant for students with majors or minors in Environmental Science, Environmental Studies, Animal Behavior, Climate Change, Sustainability and Business, Biology, and/or Marine Sciences.

Animal Migration in Africa

Large mammals like wildebeest and plains zebra migrate hundreds of miles each year across the African great plains; likewise, globe skimmers (a dragonfly) migrate from Southern India over the Indian Ocean to East and Southern Africa, and then likely back again, the longest known insect migration in the world. Why travel so far and risk so much? This class will explore why animals migrate both within Africa and to Africa from Europe and Asia. We will explore the challenges animals face, including habitat change through urbanization and agriculture, war, fencing, hunting, and climate change and discuss current and future conservation efforts to protect these diverse and dynamic species. This course is open to students of all majors and no previous coursework in environmental studies is required.

Alternative Energy in Africa

Morocco, home to ~35 million people, has established aggressive, nationally-produced, renewable energy goals of 42% by 2020 and 52% by 2030. In 2017, 34% of Morocco's energy was produced by renewable resources—largely achieved through utility-scale solar energy. Large wind energy facilities are under construction—including the Khal-ladi wind farm, which will supply power for 400,000 homes. This class will explore the successes and constraints of alternative energy in Morocco and compare its current and future energy development with other African countries and that in the United States. This course is open to students of all majors and no previous coursework in environmental studies is required.

Noah Perlut is an Associate Professor in the Department of Environmental Studies at the University of New England in Biddeford, Maine. He teaches field-based wildlife and sustainability classes, exploring the woods and wetlands of Southern Maine. His research, in which he collaborates with undergraduate and graduate students, explores how birds adapt to or fail to adapt to human habitat change in dynamic places like hayfields, roof-tops and managed forests. For more information about these courses, Professor Perlut can be reached at: nperlut@une.edu.

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