Math/EEB589 Mathematics of Machine Learning Methods in Ecology and Environmental Science, Fall 2020

University of Tennessee, Knoxville

Meeting Time and Place: Virtually, synchronous, Thursdays 1:10-2:00PM
Course Credit Hours: 1.0
Course Instructor: Louis J. Gross, Chancellor's Professor and Alvin and Sally Beaman Distinguished Professor of Ecology and Evolutionary Biology and Mathematics
Course website: Available linked through the Teaching section of the instructors webpage at NIMBios.org/~gross - please see the website for details on the course structure, participant expectations, links to references, etc. Note that materials that are not openly shareable will be shared with participants through the Basecamp site that has been used by this course regularly for several years. All registered students will be added to the list for this site.

Faculty Contact Information

The instructor is available for consultation with participants through email (lgross@utk.edu). Due to the pandemic, the instructor will not be holding in-person office hours but will be happy to meet virtually with participants at times set up through email.

University Policies:

The honor statement is included on the Campus Syllabus available on the Provost and TLI websites, and the online UT catalog. These elements are also included below.

Academic Integrity:

"An essential feature of the University of Tennessee, Knoxville is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the university, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity."

University Civility Statement:

Civility is genuine respect and regard for others: politeness, consideration, tact, good manners, graciousness, cordiality, affability, amiability and courteousness. Civility enhances academic freedom and integrity, and is a prerequisite to the free exchange of ideas and knowledge in the learning community. Our community consists of students, faculty, staff, alumni, and campus visitors. Community members affect each other's well-being and have a shared interest in creating and sustaining an environment where all community members and their points of view are valued and respected. Affirming the value of each member of the university community, the campus asks that all its members adhere to the principles of civility and community adopted by the campus: http://civility.utk.edu/.

Disability Services:

"Any student who feels s/he may need an accommodation based on the impact of a disability should contact Student Disability Services in Dunford Hall, at 865-974-6087, or by video relay at, 865-622-6566, to coordinate reasonable academic accommodations.

Your Role in Improving Teaching and Learning Through Course Assessment:
At UT, it is our collective responsibility to improve the state of teaching and learning. During the semester, you may be requested to assess aspects of this course either during class or at the completion of the class. You are encouraged to respond to these various forms of assessment as a means of continuing to improve the quality of the UT learning experience.

Key Campus Resources for Students:

- Center for Career Development (Career counseling and resources; HIRE-A-VOL job search system)
- Course Catalogs (Listing of academic programs, courses, and policies)
- Hilltopics (Campus and academic policies, procedures and standards of conduct)
- OIT HelpDesk (865) 974-9900
- Schedule of Classes/Timetable
- Student Health Center (visit the site for a list of services)
- Student Success Center (Academic support resources)
- Undergraduate Academic Advising (Advising resources, course requirements, and major guides)
- University Libraries (Access to library resources, databases, course reserves, and services)