

Offered 2019 Fall Semester

# Ecosystem Genomics Seminar Series

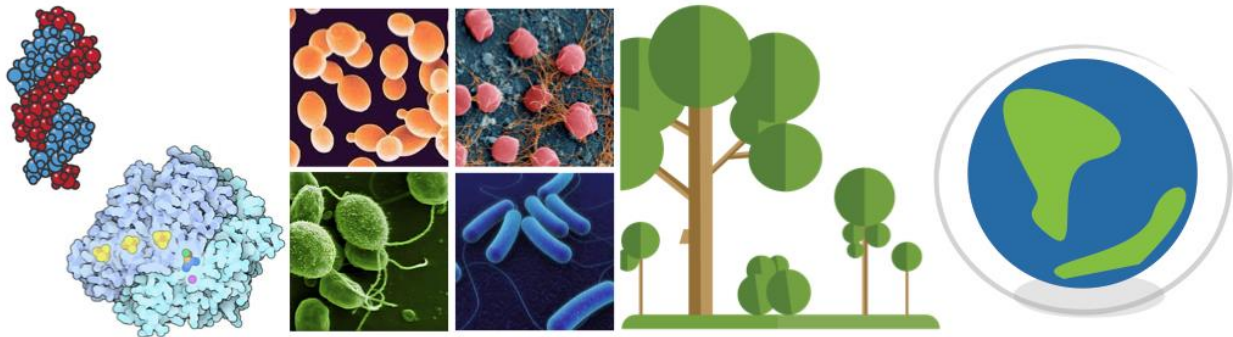
RNR 696A-005 (2 credits) | RNR 496B-005 (2 credits)

**Class:** Tuesday 4-5 pm (will adjust based on student schedules)

**Seminar:** Thursday 4-5 pm (BIO5 Keating 103)

**First meeting:** Tuesday, 8/27 4-5 pm, BIO5 Keating 103

**Instructor:** Laura Meredith, Assist. Prof. of Ecosystem Genomics  
([laurameredith@email.arizona.edu](mailto:laurameredith@email.arizona.edu))



**Students, help define the emerging field of Ecosystem Genomics @ UA!**

Enrolled students will attend the weekly Ecosystem Genomics Seminar Series featuring internal (UA) and external faculty with research programs encompassing different aspects of this nascent field. Students will read 1-2 papers by each presenter. Through in-class discussions students will learn diverse methods and concepts and help drive our evolving understanding of Ecosystem Genomics. Professional development sessions will provide relevant info academic and non-academic careers in Ecosystem Genomics. **This semester the seminar series will feature visiting scientists participating in the Biosphere 2 Water, Atmosphere and Life Dynamics campaign, providing an excellent opportunity for students to expand scientific horizons and networks.**

The Ecosystem Genomics Initiative (<http://egi.arizona.edu/>) seeks to “discover the emergent properties and processes of ecosystems through ‘top down’ analysis of communities, populations and organisms, and ‘bottom up’ analysis of genomes, transcriptomes and metabolomes.” Students from all disciplines are welcome.

*The Ecosystem Genomics Seminar Series is supported by the BIO5 Institute*