



Interdisciplinary Disease Ecology Across Scales

UNIVERSITY OF GEORGIA

IDEAS Roadmap – ILS track, Genetics (*example*)

For students entering IDEAS Program in 2018 or later

ILS course requirements are in gold, Genetics are in blue, and IDEAS are in red

	Fall	Spring	Computational Training	Professional Development
Year 1	GRSC 8000 : Research Techniques in ILS (var.) GRSC 8010 : Professional Development for ILS Students (1) GRSC 8020 : Critical Reading of the Primary Scientific Literature (2) ILS Elective (1-3) GRSC 8550 : Responsible Conduct of Research (1)	GRSC 7770 : Graduate Seminar (1-3) GENE 8100 : Foundations of Genetic Analysis (4)	ECOL 8540 : Computational Modeling Workshop - two 2-credit workshops are offered every Maymester - a total of 4 credits is required	<u>Communications Training</u> - workshops are offered once a year <u>Internship</u> - a semester or summer-long experience is required - see IDEAS website for a list of internship sites
Year 2	Journal Club (1-2)	ECOL(BIOL) 4150/6150 : Population Biology of Infectious Diseases (4) Journal Club (1-2)		
Year 3	ECOL 8510 : Fundamentals of Disease Biology* (4)	ECOL 8530 : Interdisciplinary Problem Solving in Infectious Disease Ecology (3)		
Year 4				
Year 5				

* This course is only offered alternate years, so may be taken in Year 3 or 4.

Students also must enroll in **GENE 8880** (1 credit student seminar) every semester in residence (except for the semester in which a student gives his or her exit seminar) unless written authorization from Genetics graduate coordinator.

Please refer to <http://ideas.ecology.uga.edu/program-of-study.html> for a partial list of **Technical Electives** and **Journal Clubs**; other courses not on the list may also satisfy these elective requirements with permission of the IDEAS steering committee.