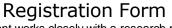
Department of Biological Sciences

Charles E. Schmidt College of Science

In Biological Sciences BSC 4910



The student works closely with a research mentor to conduct research and inquiry in biological sciences. The requirements for the course and the criteria for evaluation are agreed upon by the research mentor and the student



Students wishing to enroll in a Directed Independent Research (DIR) Course must complete this registration form. Upon receipt of a Biology faculty signature, the form must be returned to the departmental office on your designated campus. Failure to adhere to this procedure may delay receiving a satisfactory grade or a title for the completed project. It is clearly the student's responsibility to complete the requirements of a departmental DIR.

Grading for this course is S/U. Students may enroll from 0 to a maximum of 3 research credits within a single semester (Spring, Summer, Fall)

Requirements: In order for a DIR to be counted as a biology elective, it must be taken within the Department of Biological Sciences with a Biology Departmental Faculty Professor. (See list of Biology Departmental Faculty on other side). For Degree requirements please meet with your Academic Advisor.

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Student notified or				by					Noti	ficat	ion by:	F-M	ail I	Phone	in	person.				

Name	Email	Phone, Campus & Office Location	Area of Emphasis						
leuy, Ale oaleuy@fau.edu		561-297-2596 (Boca) SC 206	Disease ecology, conservation biology, one health, epidemiology						
Anderson, Rindy	andersonr@fau.edu	954-236-1144 (Davie) DW 336	Behavioral ecology, communication, cognition, sexual selection						
Baldwin, John D	lwin, John D jbaldwin@fau.edu		Population genetics and reproductive biology						
Brooks, Randy	oks, Randy wbrooks@fau.edu		Marine behavioral ecology, symbiology, coral reefs						
Cavallo, Michelle	mcavallo@fau.edu	SC 268 561-297-3465 (Boca) SC 261	Antibiotic Discovery, Citizen Science, Non-Stem Undergraduate Experiences, Molecular Biology Techniques						
Detwiler, Kate	kdetwile@fau.edu	561-297-3230 (Boca) SC 228	Primate hybridization and speciation, molecular primatology, primate behavioral Ecology, conservation of African monkeys and their rainforest habitats						
ahimipour, Ashkaan afahimipour@fau.edu		561-297-SC 206	Understanding and modeling complex ecosystems using mathematics and data science						
Fernandes, Vanessa vfernandes@fau.edu		954-236-1207 (Davie) DW 428	Microbial ecology, microbial community analysis						
ontenas, Laura Ifontenas@fau.edu		561-799-8053 (Jupiter) MC-19 202	Developmental neurobiology; glia - from neural precursors to myelinating cells						
Francis, Jacob	francisj@fau.edu	954-236-1336 (Davie) DW 436	Microbial and pollination ecology; insect husbandry, microbiology						
Frazier, Evelyn	efrazier@fau.edu	561-297-4472 (Boca) SC 212	Entomology, plant/insect interactions						
Godenschwege, Tanja	godensch@fau.edu	561 799-8055 (Jupiter) MC-19 209	Molecular and cellular neuroscience, neurodevelopment, cellular basis of neurological disorders and drug discovery						
Grupstra, Carsten	cgrupstra@fau.edu		Coral reef ecology and marine microbial ecology						
Hartmann, James X.	jhartman@fau.edu	561-297-3334 (Boca) SC 270	Immunotherapy for adult chronic lymphocytic leukemia and lupus; endometriosis						
Hughes, Colin	chughe@fau.edu	(954) 236-1156 (Davie) DW 439	Evolutionary and conservation genetics						
Jia, Kailiang	kjia@fau.edu	561-297-0512 (Boca) SC 208	Molecular regulation of aging						
Kajiura, Stephen	kajiura@fau.edu	561-297-2677 (Boca) SC 215	Functional morphology and sensory biology of marine fish						
Koch-Rose, Marguerite	mkoch@fau.edu	561-297-3325 (Boca) SC 267	Marine botany, nutrient cycling and climate change in tropical marine systems						
Milton, Sarah L.	smilton@fau.edu	561 297-3327 (Boca) SC 288	Vertebrate anoxia tolerance, marine turtle physiology						
Murphey, Rod	rmurphey@fau.edu	561-297-0383 (Boca) SC 213	Development and degeneration of synapses						
Pena, Rodrigo	penar@fau.edu	561-799-8055 (Jupiter) MC-19 109	Computational Neuroscience and Machine Learning; How different levels of brain organization communicate; Pathological and healthy states; Ion channels, neurons, and networks.						
Pipoly, John	poly, John jpipoly@fau.edu		STEAM Urban Environmental Education curriculum - formulating and editing for Broward County Neighborhood Parks in zip 33312						
Porter, Marianne E.	, Marianne E. mporte26@fau.edu		Biomechanics and functional morphology and physiology						
Scheurle, Daniela	dscheurl@fau.edu	SC 211 561 297-2904 (Boca) SC 229	Antimicrobial effects of plant extracts, Interactions of bacteria and phages						
Scholl, Joshua	Jscholl1@fau.edu	SC 214 (Boca)	Seed and plant ecology and distribution						
Theisen, Tim C.	ttheisen@fau.edu	954 236-1061 (Davie) DW 443	Movement patterns, population structure and physiology of marine fish						
Wyneken, Jeanette	jwyneken@fau.edu	561 297-0146 (Boca) SC 266	Integrative biology, comparative and functional morphology						
Zhang, Xing-Hai	xhzhang@fau.edu	561 297-1011 (Boca) SC 262	Plant physiology, molecular biology and biotechnology						

See Biology Faculty Departmental List at Link for additional information for each Professor: https://biology.fau.edu/home/departmental_faculty.php