Department of Biological Sciences

Charles E. Schmidt College of Science

Direct Independent Research in Biological Sciences BSC 4910 Registration Form

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

FLORIDA ATLANTIC UNIVERSITY

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.

Student Information - Please Print

DATE: _____

STUDENT NAME _____ STUDENT Number Z _____

FAU email address: _____@fau.edu Phone Number:_____

PRIMARY CAMPUS (indicate one): Boca ☐ Davie ☐ Harbor Branch ☐ PSL-Jupiter ☐

Are you a transfer student? If Yes, what year did you transfer?

SEMESTER OF DIRECT INDEPENDENT RESEARCH: Please check semester:

FALL)_____SPRING)_____ SUMMER: 1 (Full Term) _____ 2(First Half) _____3(Second Half)_____

COURSE SECTION: BSC 4910 CRN # _____ **Total number of Credits (0-3)**: _____

TITLE OF RESEARCH PROJECT FOR TRANSCRIPT (max 30 characters including spaces)

SUPERVISOR OF DIR (Please print name of Biology Departmental Faculty member) _____

Signature of Biology Departmental Faculty Member: _____

STUDENT SIGNATURE

By signing, you authorize the Biology Office staff to register you for these credits and that you are responsible for any associated fees incurred

Please note the following:

Will you be working with live vertebrate animals? No_____Yes_____if Yes, **you must**:

(i) Enroll in the FAU Medical Monitoring Program
https://www.fau.edu/research-admin/research-integrity/animal-subjects-iacuc/medical-monitoring/

(ii) Take the CITI Lab Animal Welfare Course (at a minimum, take the investigators, Staff & Students Module)
https://www.fau.edu/research-admin/research-integrity/animal-subjects-iacuc/

(iii) Ensure that your professor adds you to their **IACUC** protocol) https://www.fau.edu/research-admin/research-integrity/animal-subjects-iacuc/iacuc-forms/

Student notified on: _____/_____/_____ by:_____ Notification by: E-Mail Phone in person.

Name	Email	Phone, Campus & Office Location	Area of Emphasis
Aleuy, 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	jbaldwin@fau.edu	954-236-1151 (Davie) DW 438	Population genetics and reproductive biology
Brooks, Randy	wbrooks@fau.edu	561-297-3888 (Boca) SC 268	Marine behavioral ecology, symbiology, coral reefs
Cavallo, Michelle	mcavallo@fau.edu	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
Fahimipour, 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
Fontenas, Laura	lfontenas@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
Gorczynski, Danier	dgorczynski@fau.edu		Mammal behavior, ecology and conservation in the Everglades and tropical forests
Grupstra, Carsten	cgrupstra@fau.edu	BC90-335 (Davue West)	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	jpipoly@fau.edu	954-236-1117 (Davie)	STEAM Urban Environmental Education curriculum - formulating & editing for Broward County Neighborhood Parks in zip 33311
Porter, Marianne E.	mporte26@fau.edu	561-297-1288 (Boca) SC 211	Biomechanics and functional morphology and physiology
Scheurle, Daniela	dscheurl@fau.edu	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

Visit https://biology.fau.edu/home/departmental_faculty.php for more information on each Professor