

Biological Sciences- Master of Arts in Teaching

For information, contact:
513-529-8576
<http://masters.df.MiamiOH.edu>

The Master of Arts in Teaching (MAT) in the Biological Sciences is a part-time, non-thesis master's program designed for formal and informal educators who already hold teaching licensure. The program is cooperatively offered by Project *Dragonfly* and the Department of Biology. The MAT has two main programs: the Advanced Inquiry Program (AIP) and the Global Field Program (GFP). The master's is designed to be completed in 2.5 years.

This program is not intended to lead to teacher certification. Teachers are advised to contact their individual school districts as to whether this program may qualify for salary advancement.

Biological Sciences: Master of Arts in Teaching (Project Dragonfly)

35 Semester Hours

Code	Title	Credit Hours
Students may enroll in either the Advanced Inquiry Program (AIP) or the Global Field Program (GFP).		
Advanced Inquiry Program (AIP)		
Required Core Courses		
BIO 631	Conservation Science & Community	3
BIO 632	Biology in the Age of Technology	3
BIO 634	Issues in Evolution	3
BIO 636	Science Leadership & Media Workshop	3
BIO 639	Master's Capstone: MAT	2
Electives - (Include but not limited to) ¹		21
Students may substitute one Earth Expeditions course (5 credit summer + 2 credit fall Inquiry and Action) for seven AIP W+ credit hours.)		
BIO 620	Graduate Research (cannot exceed 10 hours)	
BIO 622	Urban Ecology	
BIO 623	Human Dimensions of Conservation	
BIO 625	Environmental & Informal Science Education	
BIO 627	Global Biomes	
BIO 638	Climate Change	
BIO 640	Internship	
BIO 654	Foundations of Inquiry	
BIO 655	Master Plan in Action	
BIO 656	Environmental Stewardship in My Community	
BIO 657	Regional Ecology	
BIO 658	Ecophysiology	
BIO 659	Great Lakes Ecosystems	

BIO 662	Animal Behavior & Conservation	
BIO 663	Project Design & Assessment	
BIO 667	Conservation Research at Living Collection Institutions	
BIO 677	Independent Studies	
BIO 694	Habitats, Adaptations, & Evolution	
BIO 695	Plants & People	
BIO 696	Primate Behavior & Conservation	

Global Field Program (GFP)

Required Core Courses		
BIO 631	Conservation Science & Community	3
BIO 632	Biology in the Age of Technology	3
BIO 634	Issues in Evolution	3
BIO 636	Science Leadership & Media Workshop	3
BIO 639	Master's Capstone: MAT	2
BIO 675	Inquiry & Action (take three times)	2, 2, 2
Electives - (Include but not limited to)		
Students enroll in three of the following Earth Expeditions courses:		15

BIO 641	Earth Expeditions: Advanced Field	
BIO 642	Amazon: Avian & Tropical Ecology	
BIO 643	Australia: Great Barrier Reef	
BIO 644	Baja: Field Methods	
BIO 645	Belize: Approaches to Environmental Stewardship	
BIO 646	Borneo: Primate Conservation	
BIO 647	Guyana: Local Wisdom & Conservation	
BIO 649	Kenya: Wildlife & People in Integrated Landscapes	
BIO 651	Mongolia: Steppe Ecology & Civic Media	
BIO 652	Thailand: Buddhism & Conservation	
BIO 653	India: Species, Deities & Communities	
BIO 661	Global Connected Conservation	
BIO 681	Galápagos: Islands of Change	
BIO 682	Paraguay: Eco-Leadership	
BIO 683	Brazil: Saving Golden Lion Tamarins	
BIO 691	Costa Rica: Ecology & Ecotourism	
BIO 692	Namibia: Great Cat Conservation	
BIO 699U	Bahamas: Conservation Networks	

¹ Note that certain electives from the list may be required at some AIP locations.

Miami University is authorized by the Washington Student Achievement Council and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review and authorizes Miami University to offer specific degree programs. The Council may be contacted for a list of currently authorized programs. Authorization by the Council does not carry with it an endorsement by the Council. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the

Council at P.O. Box 43430, Olympia, WA 98504-3430, or by email at degreeauthorization@wsac.wa.gov.

The Washington Student Achievement Council (WSAC) has authority to investigate student complaints against specific schools. WSAC may not be able to investigate every student complaint. Visit <https://www.wsac.wa.gov/student-complaints> for information regarding the WSAC complaint process.

For Washington State residents seeking information and resources about student loan repayment or seeking to submit a complaint relating to your student loans or student loan servicer, please visit www.wsac.wa.gov/loan-advocacy or contact the Student Loan Advocate at loanadvocate@wsac.wa.gov.

The transferability of credits earned at Miami University is at the discretion of the receiving college, university, or other educational institution. Students considering transferring to any institution should not assume that credits earned in any program of study at Miami University will be accepted by the receiving institution. Similarly, the ability of a degree, certificate, diploma, or other academic credential earned at Miami University to satisfy an admission requirement of another institution is at the discretion of the receiving institution. Accreditation does not guarantee credentials or credits earned at Miami University will be accepted by or transferred to another institution. To minimize the risk of having to repeat coursework, student should contact the receiving institution in advance for evaluation and determination of transferability of credits and/or acceptability of degrees, diplomas, or certificates earned.

For more information about requirements, admission, and program descriptions go to <https://projectdragonfly.miamioh.edu/>