

AIP Web+ Courses:

Course descriptions can be found at the following link:

<https://miamioh.edu/cas/graduate-studies/project-dragonfly/professional-development-courses/course-descriptions.html>

EL = Experiential Learning

BZC - Brookfield Zoo Chicago

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 654	A	Foundations of Inquiry Online: May 19 - August 8 EL: Saturday, June 7, Monday, June 30 - Wednesday, July 2	3
BIO 659	A	Great Lakes Ecosystems Online: May 19 - August 8 EL: Monday - Thursday, July 14 - 17	3
BIO 662	C	Animal Behavior & Conservation: Carnivores Online: May 19 - August 8 EL: Monday - Thursday, July 7 - 10	3

CZBG - Cincinnati Zoo & Botanical Garden

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 656	A	Environmental Stewardship in My Community: Issues in Cincinnati Conservation Online: May 19 - August 8 EL: Saturday, May 31, Saturday, June 21, Saturday, July 12, Saturday, August 2	3

CMZ - Cleveland Metroparks Zoo

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 654	C	Foundations of Inquiry Online: May 19 - August 8 EL: Monday - Friday, June 2 - 6	3
BIO 658	A	Ecophysiology: Biomimicry Online: May 19 - August 8 EL: Tuesday - Friday, June 24 - 27	3

DZCA - Denver Zoo Conservation Alliance

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 667	A	Conservation Research at Living Collections Institutions Online: May 19 - August 8 EL: Tuesday - Thursday, June 10 - 12	3

DZS - Detroit Zoological Society

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 667	B	Conservation Research Online: May 19 - August 8 EL: Saturday, May 31, Saturday, June 28, Saturday, July 26	3

JZBG- Jacksonville Zoo and Botanical Gardens

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 654	B	Foundations of Inquiry Online: May 19 - August 8 EL: Wednesday - Sunday, May 28 - June 1	3
BIO 662	B	Animal Behavior & Conservation Online: May 19 - August 8 EL: Thursday - Sunday, July 17 - 20	3

MBG - Missouri Botanical Garden

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 654	J	Foundations of Inquiry Online: May 19 - August 8 EL: Monday - Friday, June 9 - 13	3
BIO 667	A	Conservation Research at Living Collections Institutions Online: May 19 - August 8 EL: Wednesday - Friday, June 25 - 27	3

SDZWA - San Diego Zoo Wildlife Alliance

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 623	A	Human Dimensions of Conservation Online: May 19 - August 8 EL: Friday - Monday, June 6 - 9	3
BIO 662	A	Animal Behavior & Conservation Online: May 19 - August 8 EL: Tuesday - Friday, June 24 - 27	3

WCS - Wildlife Conservation Society / Bronx Zoo

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 656	C	Environmental Stewardship in My Community Online: May 19 - August 8 EL: Thursday, May 29, Saturday, June 14, Saturday, June 28, Sunday, July 13, Sunday, July 27 Sunday, August 3	3
BIO 657	E	Regional Ecology: Ecosystems of the Northeast* Online: May 19 - August 8 EL: Saturday, May 31, Thursday - Sunday, June 19 - 22, Sunday, July 20	3

*Regional Ecology: Ecosystems of the Northeast is an online Miami University three-credit summer course with experiential learning through Wildlife Conservation Society / Bronx Zoo. The tuition for this course and university fees are paid to Miami. In addition, this experience includes an optional field trip open to students enrolled in this course and others interested in the topic. The field trip typically takes place during the experiential learning meeting week with overnight stays. An extra field trip fee of \$650 per person, payable directly to Wildlife Conservation Society / Bronx Zoo, covers room, board, transportation, and admission. The fee is due prior to the summer semester course start date. After you have completed your Miami course registration, you will receive information from WCS on how to complete payment of the field trip fee. Students who would like to take the course but are unable to attend the field trip may contact WCS to investigate other options that could replace the field trip component.

WPZ - Woodland Park Zoo

COURSE NUMBER	SECTION	COURSE NAME/ DATES	CREDITS
BIO 657	C	Regional Ecology: Northwest Wildlife Conservation* Online: May 19 - August 8 EL: Monday - Friday, July 7 - 11	3

*Regional Ecology: Northwest Wildlife Conservation is an online Miami University three-credit summer course with experiential learning through Woodland Park Zoo. The tuition for this course and university fees are paid to Miami. In addition, this experience includes an optional field trip open to students enrolled in this course and others interested in the topic. The field trip typically takes place during the experiential learning meeting week: Monday at WPZ and Tuesday-Friday in the field with overnight stays. An extra field trip fee of \$350 per person, payable directly to Woodland Park Zoo, covers transportation, food and lodging. The fee is due prior to the summer semester course start date. After you have completed your Miami course registration, you will receive information from WPZ on how to complete payment of the field trip fee. Students who would like to take the course but are unable to attend the field trip may contact WPZ to investigate other options that could replace the field trip component.

Core Online Courses:**BIO 668 Biology Through Inquiry (3 credits)**

This course explores fundamental topics in biology from a student-driven, inquiry-based perspective. Course topics include cell biology, plant biology, DNA and gene expression, evolution, diversity of life and classification, populations, communities, and ecosystems. Students conduct mini-inquiries throughout the course, helping to link core concepts to their everyday lives. Through collaborative discussions, students further their understanding of these key concepts and articulate relationships between biology and many of the major challenges currently facing humanity. Finally, students conduct their own biological investigation, developing skills in experimental design, data collection, and communication of findings.

BIO 661 Globally Connected Conservation (5 credits) (Optional: +2 credits for Fall Inquiry & Action)

This course explores the applied theories and professional skills required to develop meaningful conservation action. Working with a network of global conservation advocates and non-profit organizations, students collaborate to identify needs, design, and implement conservation campaigns. Students gain skills in community science, stakeholder engagement, conservation behavior change, and inclusion of place-based and cultural values. Throughout the term, diverse leaders in wildlife conservation and environmental education share their strategies, recommendations, and inspiration. This course occurs in Dragonfly's web-based learning community and is particularly suited for current or future professionals seeking leadership experience in the wildlife, non-profit, green-business, informal science, or education sectors.