



GRADUATE

ACADEMIC CATALOG '23-'24



DISTANCE EDUCATION

Academic Year 2023-2024

Contents

Academic Year 2023-2024	1
A Note from President Khoury	4
SECTION 1: INTRODUCTION	5
The Unity Environmental University Mission	5
The Unity Environmental University Distance Education Graduate Catalog	5
Statement of Accreditation	6
SECTION 2: ADMISSIONS GUIDELINES	7
Graduate Admissions Requirements	7
Readmission to the University	8
Transfer of Credits	8
Student Immunization Policy	9
SECTION 3: EXPENSES AND FINANCIAL AID	11
Cost of Attendance	11
Billing	11
Payment Plan	11
Failure to Pay	11
Refund Policy	11
Failure to Participate	12
Financial Aid	12
Return to Title IV	12
Private Loans	13
SECTION 4: ACADEMIC POLICIES	14
Definition of a Distance Education Credit	14
Definition of a Non-Credit Course	14
Course Load and Status	14
Non-Degree Graduate Courses	15
Course Registration	15

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

Course Cancellation	15
Add/Drop Courses	15
Attendance/Class Participation	15
Withdrawal from a DE Course	16
Leaves of Absence and Time Limitation for Degree Completion	16
Withdrawal from the University	16
Medical Withdrawal from the University	17
Date of Withdrawal	17
Grading Policy	18
W – Withdrawal (No credit)	18
WF – Withdrawal Failure (No credit)	18
I – Incomplete (No credit)	18
Calculating Grade Point Average (GPA)	19
Change of Final Grade	20
Change of Final Course Grade - Process for Instructors	20
Appeal of Final Course Grade - Process for Students	21
Repeating Courses	21
Academic Standing	21
Graduation	23
SECTION 6: GRADUATE ACADEMIC PROGRAMS	26
Requirements for All Master's Degree Programs	26
Master of Professional Science: Animal Science and Behavior	27
Master of Professional Science: Climate Change Adaptation and Resilience	28
Master of Professional Science: Environmental Geographic Information Science (GIS)	29
Master of Professional Science: Environmental Studies and Sustainability	30
Master of Professional Science: Environmental Marketing and Behavioral Economics	31
Master of Professional Science: Marine Science	32
Master of Professional Science: Wildlife Conservation and Advocacy	34
Master of Professional Science: Wildlife Ecology and Management	35
Graduate Course Descriptions	37
ANIMAL SCIENCE AND BEHAVIOR COURSES	37

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

CONSERVATION LAW ENFORCEMENT COURSES	39
GEOGRAPHIC INFORMATION SCIENCE COURSES	40
MARINE SCIENCE COURSES	42
MARKETING COURSES	44
MATHEMATICS COURSES	44
PROFESSIONAL SCIENCE COURSES	45
PSYCHOLOGY COURSES	46
SUSTAINABLE BUSINESS COURSES	46
SUSTAINABLE NATURAL RESOURCE MANAGEMENT COURSES	48
SUSTAINABILITY COURSES	49
URBAN ECOLOGY AND SUSTAINABLE PLANNING COURSES	51
SECTION 8: UNIVERSITY POLICIES	52
Code of Conduct and Honor Code	52
The Family Educational Rights and Privacy Act of 1974	52
Student Identity Verification Policy	53
Active Duty and Veteran Students	54
Student Health Insurance Policy	56
SECTION 9: RESOURCES	57
Academic Calendar	57
Distance Education Student Handbook	57
University Resources	57

A Note from President Khoury

Unity Environmental University Distance Education Students,

Welcome to Unity!

By choosing Unity Environmental University you are choosing to embrace a sustainability science education anchored in the liberal art and enhanced by 21st century technology. An education that is affordable, flexible, and accessible at an ever-growing university. Your commitment to a Unity education shows you are committed to learning how to be problem solving, culturally competent, critical thinking, skilled, environmental superheroes.

As a student at Unity Environmental University, you are a part of an organization that is teeming with people who are determined to make a difference. At Unity you will learn from people who have the courage to step out of their comfort zones and embrace risks as they seek to make the world more sustainable with every student they teach.

Thank you for joining Unity Environmental University, we look forward to working with you as you make your way through your education journey!

If you need help or have questions, please reach out to your Distance Education Advisor.

With Pride,



Dr. Melik Peter Khoury

Unity Environmental University President



SECTION 1: INTRODUCTION

The Unity Environmental University Mission

We are dedicated to delivering quality education and experiences that produce outstanding environmentally competent professionals and inspire individuals from all walks of life to steward sustainable ecosystems.

The Unity Environmental University Distance Education Graduate Catalog

The Distance Education Catalog contains the policies, procedures, and guidelines applicable to the Distance Education Strategic Education Business Unit (SEBU) at Unity Environmental University as reviewed and approved by the Unity Environmental University Distance Education administrative team. The Unity Environmental University Distance Education SEBU currently oversees all online graduate programs. All students in those programs/courses will follow the policies and procedures outlined in this catalog.

Unity Environmental University views the *Unity Environmental University Distance Education Graduate Catalog* as the primary contract between the University and the student. Students must follow the graduation requirements from the catalog in effect at the time of their matriculation, or students may elect to fulfill the requirements of any subsequent catalog, provided they were enrolled at the time the catalog was published. In either case, the catalog is to be considered in its entirety; students may not fulfill part of their program requirements from one catalog and another part from another catalog. Unity Environmental University reserves the right to change any of the statements made in the catalog by reasonable notice in a supplement or replacement publication.

Distance Education Graduate Programs: The most visible activity of distance education graduate work is the intellectual interaction of faculty and students involved in learning and devoted to advancing professionalism in their fields. Supporting these endeavors are academic leaders who are committed to providing an atmosphere in which distance education can flourish.

By accepting admission to Unity Environmental University, students indicate that they are responsible for adhering to the policies and procedures that govern their education at Unity Environmental University. The requirements of the graduate programs at Unity Environmental University have been instituted so that students, faculty, and administrators are guided by a shared set of expectations for education. We sincerely hope that awareness of these requirements allows each student a fruitful educational experience at Unity Environmental University.

Statement of Accreditation

Unity Environmental University is fully accredited by the New England Commission of Higher Education (NECHE) Commission on Institutions of Higher Education (CIHE). NECHE is located at 301 Edgewater Place, Suite 210 Wakefield, MA 01880. NECHE may also be contacted by telephone at (781) 425-7785 or through their website at <http://cihe.neasc.org>.

SECTION 2: ADMISSIONS GUIDELINES

Graduate Admissions Requirements

All students applying for entry into either a Unity Environmental University Distance Education graduate program or certificate eligible for financial aid are required to produce evidence of having earned a Bachelor's degree from an accredited institution and

- (1) have a minimum baccalaureate cumulative GPA of 2.75 or higher; or
- (2) have earned a minimum grade of B (3.0) in at least 6 credits of Master's level courses from an accredited institution.

No other materials are required. There is no application fee.

- For students who do not meet (1) or (2) above: A student whose baccalaureate GPA is between a 2.5 and 2.75 may appeal for entry into one of the graduate programs by submitting an additional essay outlining the struggles they encountered during their baccalaureate program and explaining their reason for having a GPA below 2.75. They must also describe in their essay how they plan to be successful if granted entry into one of Unity Environmental University's Distance Education graduate programs. This supplemental essay will be reviewed, and a decision will be made regarding acceptance into a graduate program.
- A student with a cumulative baccalaureate GPA below 2.5 may enroll as a non-degree seeking student in their desired Masters program. Upon successful completion of 6 credits of coursework in which the student has earned a minimum grade of B, the student will be admitted to the Masters program.

Pre-Requisite Courses for Select MPS Programs

Students must have the following classes before admittance into the Master of Professional Science in Wildlife Ecology and Management: one statistics class and one ecology or wildlife biology or natural resource management class.

Students must have the following classes before admittance into the Master of Professional Science in Marine Science program: one statistics class and one marine biology or biology or oceanography class.

Graduate Priority Admissions

Students who have completed a bachelor's degree with a minimum GPA of 2.75 from Unity Environmental University Distance Education and Hybrid Learning are eligible for automatic acceptance into one of our Master of Professional Science programs. If the graduate application

is submitted within 6 months of degree completion, the essay and resume requirements will be waived.

To ensure immediate acceptance after degree conferral, we encourage students to take program specific prerequisite courses as electives during their baccalaureate program.

Students applying after the 6-month window of automatic acceptance eligibility will follow our regular graduate admissions process.

Readmission to the University

Students enrolled in a degree program may continue to work toward their degree program under the requirements that were in effect at the time they matriculated, providing there have been no breaks of more than twelve (12) months. Students who have a break of more than twelve months must apply to be reinstated to the Distance Education program and meet the requirements of the catalog in effect at the time they are reinstated. Students who had a break in attendance for up to two (2) years due to military service are readmitted to their original program and catalog requirements, as long as the program is still active in Distance Education, and with the understanding that substitutions may be necessary for courses that are no longer offered. The University reserves the right to deny readmission to students who are not in good academic and/or financial standing.

Transfer of Credits

Unity Environmental University reserves the right to determine the eligibility of transfer credits. Transfer credits count only toward the total earned hours, not grade point averages.

Graduate students may transfer a maximum of nine (9) graduate credits into graduate master's programs at Unity Environmental University. All coursework transferred must apply to the degree requirements of the program the student is enrolled in. Students must earn a 'B' (3.0) or higher for the credit to be accepted for transfer. The credit granting institution must also be accredited by a recognized regional or national accrediting body. Credits should be transferred at the time the student is admitted and will be reviewed by the Registrar's Office, in consultation with the deans. Transfer credits count only toward the total earned hours, not graduate grade point averages. Transfer of credits from other approved graduate programs will be considered on a case-by-case basis by the Registrar's Office in consult with the Deans.

Transfer of Credits for Prior Learning

Graduate students may apply to earn credit for experience outside of coursework. Students may only receive up to 6 credits toward a program through Credit for Prior Learning and no more than a total of 9 credits combined with Prior learning and Transfer credits. Students must apply through

the Credit for Prior Learning Assessment process. All applicants must submit a portfolio that justifies the credits requested for award. The Distance Education Curriculum and Assessment Task Group [DECA] reviews submitted portfolios and provides a recommendation to the Vice President of Distance Education [VPDE]. The VPDE is responsible for the final decision. The following categories are ways that students may qualify to receive through prior learning experiences:

- Credit for professional licenses and credentials earned
- Credit of a prepared portfolio documenting skills and knowledge
- Credit for exams, trainings, or certifications received

Portfolio must include the following information:

- Course Information – includes the learning outcomes for the specific course you are challenging
- Summary Sheet – matches each course learning outcome to your experience and supporting evidence
- Resume and Biographical Essay – provides an overview of your learning experiences related to the course
- Narrative – demonstrates how you have achieved each course learning outcomes
- Documentary Evidence – supports your claim to knowledge of the learning outcomes

Transfer of Credits from a Quarter System

Unity Environmental University recognizes that some students may transfer in credits earned from a quarter credit system. To convert quarter hours to semester hours, multiply the number of quarter credits earned by 2/3. For example, a course earned at 4.5 quarter credits converts to 3 semester credits.

When the conversion of credit hours completed results in a fraction, the number of credit hours will be rounded up for the benefit of the student by 0.5 semester credits. For example, a course earned at 4 quarter credits converts to 2.67 semester credits, which is rounded up to 3 semester credits. A course earned at 5 quarter credits converts to 3.33 semester credits, which is rounded up to 3.5 semester credits.

International Transfer Credit

International transcripts must be evaluated by a NACES®- or AICE®-approved agency to determine U.S. credit equivalency. Unity Environmental University will not consider foreign credits for transfer without the agency evaluation.

Student Immunization Policy

State of Maine Requirements

Maine law (20A M.R.S.A. 6358, Chapter 262) states that all public and private post-secondary institutions in the State of Maine must require, for all certificate and degree seeking students participating in face-to-face learning, proof of immunization or document immunity against five specific illnesses: diphtheria, tetanus, measles, mumps, and rubella.

Per Maine law, evidence of immunization or immunity can be demonstrated by the following:

1. A certificate of immunization from a physician, nurse, public health official, or school health provider who has administered the immunizing agent(s) to the student must specify the immunizing agent and the date(s) on which it was administered. Secondary school health records may also be accepted as proof of immunization under this rule, in lieu of certificates of immunization, as long as the secondary school health records were compiled and maintained as official documents, were based on certificates of immunization, and state, at a minimum, the month and year that the immunizations was administered.
2. Laboratory results or medical records demonstrating immunity will be considered acceptable evidence of meeting the purpose of this requirement. Secondary school health records may be accepted as proof of immunity if they contain copies of the laboratory evidence of immunity.

Beginning September 1, 2021, students are no longer eligible to claim religious or philosophical exemptions.

The only exemption to this requirement is for students enrolled in a distance education program who do not physically attend any classes or programs at a school facility.

Unity Environmental University requires immunization records for all certificate and degree seeking students where in-person learning is either an option or requirement of the SEBU.

University-Specific Requirements

In addition to the immunization requirements of the State of Maine, Unity Environmental University Enterprise or SEBUs may require additional immunization(s) based on location, program of study, or public health concerns.

SECTION 3: EXPENSES AND FINANCIAL AID

Cost of Attendance

Graduate courses cost \$650 per credit hour. Books, software, hardware, and other materials are not included in the credit hour cost and must be purchased separately.

Military Differential Tuition: All distance education courses are reduced by 10% for veterans or active military members and their dependents.

Billing

Students will be billed for each term after registering for their courses, and all student accounts must be settled and any financial aid in place before the end of the add/drop period (day 3 of the term). Any outstanding balance will lead to automatic withdrawal from courses. Any outstanding balance must be paid prior to future enrollment.

Payment Plan

A graduate student may select a payment plan per 8-week term. The fee for this plan is \$35 per term and the remaining bill is split across 6 payments. The first payment is due by the start of the course. The second payment is due in week three, the third payment is due in week five and the final payment is due week eight. For the graduate 2 part payment plan, the first payment is due by the start of the course and the final payment is due in week four.

Failure to Pay

Failure to pay bills in full when due may result in revocation of Unity Environmental University privileges, including but not limited to: issuance of grades and/or transcripts, registration for subsequent terms, participation in graduation ceremonies, and participation in registered classes and examinations. It is imperative that a student contact Student Financial Services if any charges are disputed.

Refund Policy

Distance Education students who drop a course, whether they are active or not, before the end of the add/drop period are eligible for a 100% tuition refund for that course. After midnight of the last day of add/drop, students are no longer eligible for a refund.

If a student takes no action to drop a course and stops participating in the class during the add/drop period, the institution will take action to withdraw the student and the student will be held accountable for the total cost of the course.

Fast-Track Refund Policy

Students who are eligible for a refund may use the Fast-Track Refund process to purchase required

course materials and educational resources including books and supplies at the start of a term.

Fast-Track Refunds are issued electronically by the Business Office and availability of a Fast-Track Refund is dependent upon the student:

- having a completed financial aid package with a refund projected to be on their account.
- being enrolled in direct deposit through the student portal. If a student is unable to provide bank information, the student should be referred to the Bursar. The Bursar will attempt to determine the barrier. If no ACH solution can be determined, a paper check will be requested by the Bursar.
- completing the Fast-Track Refund Request form.

In exceptional circumstances, when no ACH solution can be determined, the Bursar may request the student receive a paper check.

Failure to Participate

See the Class Participation/Attendance policy in Section 4 of this document for more information.

Financial Aid

NOTE: Financial Aid is not available for non-degree seeking candidates.

Your federal need will be determined based on the income and asset information you provide on the Free Application for Federal Student Aid (FAFSA) online at fafsa.gov. Choose Unity Environmental University's Code (006858) to ensure that the federal application data will be transmitted to the Financial Aid Office. Please respond promptly to requests for additional information or clarification concerning your aid application.

Return to Title IV

Students receiving any federally sponsored financial aid, such as Federal Stafford Loans, are subject to a separate Federal policy pertaining to the amount of those federal funds they may retain when they withdraw from the University during an academic semester. This policy, called The Return of Title IV Funds Policy, prorates available aid based on the amount of the semester completed.

Written examples of the refund calculations are available upon request from the Financial Aid Office, as well as any further information that may be needed pertaining to the refund or return of Title IV Funds process. Whenever applicable refunds are determined and any federally sponsored programs are involved, the following federally prescribed order of refund distribution is required Prescribed by Law and Regulation TOTAL REFUND:

1. Unsubsidized Federal Stafford Loan
2. Federal PLUS Loan
3. Other Title IV Aid Programs

Financial Aid Available: The Direct Unsubsidized Loan Program

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

Matriculated graduate students enrolled in three (3) or more credits per 8-week term may complete a FAFSA for consideration for this loan. The maximum annual unsubsidized loan is \$20,500.

The Unsubsidized Loan starts to accrue interest after payment to your account. While in University, you can elect to pay interest on an Unsubsidized Loan, or have it added to the principal. Repayment on the Unsubsidized Loan starts no sooner than six (6) months after you graduate or fall below half-time status. There is a ten-year repayment period and other re-payment options.

Private Loans

Private loans may be an option if no other sources of financial aid are available. Unity Environmental University is not permitted to provide counsel about which private loans to choose. For help on this matter, please visit: <http://www.Unity.edu/FastChoice>.

SECTION 4: ACADEMIC POLICIES

Definition of a Distance Education Credit

Unity Environmental University policy defines one graduate credit hour as a semester hour, the standard measure of progress toward a degree at most institutions. For most standard lecture courses, it represents 60 minutes of faculty-directed instruction and 2 hours of self-directed class work each week for a traditional 15-week semester (i.e., one 3 credit graduate class is approximately 180 hours of student work). The table below demonstrates how this standard is applied to Unity Environmental University's graduate term calendar. This credit hour definition follows the guidelines for awarding semester credit hours from the US Department of Education and the New England Commission of Higher Education. While online courses do not have specified time in a physical class, they require an analogous amount of work to a semester credit hour.

Credit Hours	Minimum total required faculty-directed instruction hours	Minimum total student-directed instructional hours	Total Minimum Instructional Hours	Hours per week for 8-week term
3	60	120	180	22.5

Definition of a Non-Credit Course

Non-credit offerings may be stand-alone courses or instructional programs that do not offer academic credit. The term "program," in this policy, refers to a series of non-credit courses that may lead to a culminating non-credit certification or credential. Non-matriculated students participating in non-credit courses are considered non-degree students. Non-credit courses will appear on the official Unity Environmental University transcript, but do not have final letter grades. Individual assignments, projects, or coursework may receive feedback and/or assessment as relevant to the content and structure of the course. Non-credit courses may be offered simultaneously as a for-credit course; in this case, a student must be registered for the for-credit course by the end of the add/drop period in order to receive academic credit. Participation in non-credit offerings will not yield credit and cannot be converted to academic credit after the fact.

Course Load and Status

The maximum load for all DE graduate students is limited to 6 credit hours per 8-week term. Any increases to the recommended maximum load are contingent upon course availability and must be approved by the Dean. To complete the Master of Professional Science program in one year, a student must enroll in 6 credits for five consecutive terms. A student's enrollment status is considered full-time when enrolled in 6 or more credits per eight-week term. Full-time status for

financial aid differs, please see the Financial Aid section for more information. To receive maximum financial aid for those who qualify, graduate students must be enrolled in at least 15 credits per year.

Students should contact their Advisors if they have questions about how part-time enrollment will impact their financial aid awards.

Non-Degree Graduate Courses

Students who have completed at least 90 credits of baccalaureate work, including at least 12 credits at the 300-level or above, may enroll into graduate level courses for up to 9 credits. Students currently enrolled in a Unity Environmental University DE baccalaureate program may not apply financial aid towards tuition for non-degree graduate courses.

Course Registration

Students will register for courses by working with their Distance Education Concierge/Advisor to select courses that are appropriate for their degree completion. Based on the student's academic plan, the Distance Education Team will register the student for courses.

Course Cancellation

No courses in a specific term are guaranteed and the University may cancel courses due to low enrollment and other circumstances prior to a term start. If this occurs, the University will immediately notify the students to discuss options, and the student's advisor will work with the appropriate Academic Dean to find a substitution. Any payments made for canceled courses will be refunded or applied to a different course within the University.

Add/Drop Courses

During the first three class days, students may add or drop courses for the current term. Students should contact their advisor in order to add or drop a course. Reducing or increasing credit hours during the three add/drop days will result in an appropriate tuition and financial aid change.

Attendance/Class Participation

Active participation in a course is necessary for student success and a lack of activity may have implications on billing and financial aid. Participation in a Distance Education course is evidenced through posting to the discussion board, or the submission of a quiz, test or assignment. Students who fail to participate in their distance education course within the first three [3] days of the term will be automatically dropped from the course. After the Add/Drop period, students must maintain their participation to stay enrolled in their courses.

Graduate students in 8-week courses are required to complete at least one academic activity every 10 days. Students who do not demonstrate academic activity during this time frame will be administratively withdrawn from the course, with an effective date based on their last academic activity for the course.

Students who stop participating after the withdrawal deadline will be withdrawn from the course and a grade of 'WF' will be entered on their record.

Academic activity does not include a] Logging into an online class b] Reading/watching content without posting or submitting an assignment, test or quiz c] posting a response to a Discussion from a prior module or week; or d] speaking with an instructor or advisor to participate in academic counseling or advising.

A student cannot self-certify academic activity.

Course participation, also considered academic activity, is tracked and documented through the Distance Education's learning management system, Canvas. Unity Environmental University Distance Education does not allow students to audit a class for no credit.

Withdrawal from a DE Course

Students who wish to withdraw from a course must do so by the deadlines in the academic calendar by emailing the course instructor and their Distance Education Advisor who will work with the Registrar to complete the course withdrawal. Financial aid awards may be recalculated based on the date of withdrawal, as determined by the student's last day of activity. It is the student's responsibility to contact Financial Aid to determine any changes based to their award.

A student is considered unofficially withdrawn [ceased attendance without providing official notification or expressed intent to withdraw] if a distance education staff member notifies the Registrar that the student is no longer in attendance, and continued academic activity cannot be established by Unity Environmental University.

Leaves of Absence and Time Limitation for Degree Completion

Distance Education Graduate students will have five (5) consecutive calendar years from date of matriculation to complete their program of study. Students who do not meet this deadline will be required to reapply for admission and will be subject to current availability of courses and programs, as well as any new program requirements.

Students who wish to remain unenrolled for more than two consecutive terms should communicate their intent to the Distance Education Advisor in writing. Any student who does not register for classes for two (2) consecutive terms, but is otherwise eligible to continue study, will remain enrolled in the program, but will temporarily lose access to email, CAMS portal, and library services. Account access will be reinstated when the student returns and registers for coursework.

Any student who is inactive for more than one calendar year will be administratively withdrawn from the University and must reapply for admission (see Readmission to the University). Extensions with cause may be requested of the Executive Director of Enrollment Management and are subject to final approval by the Vice President of Distance Education.

Withdrawal from the University

To withdraw from the University is to first contact their Distance Education Advisor. The Advisor will work with the Registrar to complete the withdrawal. The student will be asked to complete an electronic Withdrawal from the University Form upon receipt. All grades for courses in progress as of the withdrawal date are recorded as "W" and all relevant offices and instructors will be notified. Courses whose end date has passed and for which all work has been completed will still receive the grade earned before the withdrawal. Students are considered officially withdrawn when they complete the withdrawal process.

Medical Withdrawal from the University

A student may request a medical withdrawal when an illness or injury occurs that makes it impossible for them to complete their course (when an incomplete arrangement is not possible) or continue in their current program of studies.

A medical withdrawal may be used in response to matters of both physical and mental health. To be recorded as a medical withdrawal, documentation from a licensed medical practitioner must be submitted to the Associate Vice President of DE outlining the nature of the illness or injury and affirming the student's inability to remain enrolled. Requests should be submitted prior to the end of the term and documentation from a medical professional submitted within 30 days of the end of the term, to be considered and recorded on the academic record. Under extreme circumstances, requests outside of this timeframe may be considered with the approval of the Vice President of DE. Decisions will be communicated to the student within 10 business days after all documentation has been received.

Medical withdrawals from a course will be dated according to the student's last day of participation as recorded by the submission of graded work in a course. The regular refund policy of the University does apply, regardless of the reason for withdrawal. When granted, medical withdrawals will be recorded as a grade of "W" and not be computed in the student's grade point average (GPA). Otherwise, the student will receive their earned grade or a "WF", depending on the last date of activity. Medical withdrawals from the program between terms will be dated according to when the request was received.

Depending on the circumstances leading to the request, a student may be encouraged to take additional terms away from the University to address their health-related needs before seeking to return. This may be a required condition of the withdrawal. In some cases, the University may also request confirmation that the student has addressed these issues and is ready to return to full participation in their educational program before enrolling in future terms, which may include documentation from a licensed healthcare practitioner.

Date of Withdrawal

A student is considered "withdrawn" as of the day they begin the official withdrawal process or notify their Advisor or designee of their withdrawal. Official notice must be written or emailed. In the case of written notice, the date of withdrawal will be the date the written notice is received. Students who

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

do not provide official notice will have their last date of recordable academic activity used as their date of withdrawal.

Academic activity includes [but is not limited to]:

- Submitting academic assignments
- Participating in online discussions

Academic activity does not include:

- Logging into online classes/discussions without active participation
- Speaking with an instructor or advisor to participate in academic counseling or advising

A student cannot self-certify academic activity. Unity Environmental University must be able to establish the date via electronic record. If a student is unable physically or mentally to begin the withdrawal process the school may use the date of the related circumstance [such as an automobile accident] or the date of last academic activity.

Grading Policy

Graduate Grading Scale

A	(94-100%)	Excellent
A-	(90-93.9%)	Very Good
B+	(87-89.9%)	Good
B	(84-86.9%)	Satisfactory
	(80-	Satisfactory, but

B-	83.9%)	needs improvement
C+	(77-79.9%)	Needs improvement
C	(74-76.9%)	Unsatisfactory
C-	(70-73.9%)	Poor
F	(0-69.9%)	Failing

W – Withdrawal (No credit)

Recorded but not calculated as part of the GPA. Distance Education Faculty may not give a grade of "W." That grade designation is applied by the Registrar's office.

WF – Withdrawal Failure (No credit)

Withdrawal Failure. No credit. Shows the student withdrew after the deadline to withdraw published on the academic calendar. Factors into GPA as a failing (F) grade. Distance Education Faculty may not give a grade of "WF." That grade designation is applied by the Registrar's office.

I – Incomplete (No credit)

An Incomplete "I" is a temporary grade which may be given at the instructor's discretion with the approval of the Dean to a student when illness, necessary absence, or other reasons beyond the

control of the student prevent completion of course requirements by the end of the academic term. To submit an Incomplete grade, please contact the course instructor to initiate the paperwork.

If a student does not complete the work before the start of the next term, they may not enroll in classes for future terms. Work must be completed by the end of the next term, or the incomplete grade will automatically be changed to the grade earned. Distance Education Faculty considering granting a final grade of "I" must follow the incomplete grade policy and work with the student to complete the request and submit it to the Academic Dean. A grade of "I" is not factored into a student's GPA. Credits for an "I" grade are factored into attempted (but not completed) credits for the student's cumulative completion rate.

Incomplete grades may be given only in the following circumstances:

- **80%** of all coursework must be completed with a satisfactory grade;
- An illness or other extenuating circumstance legitimately prevents completion of required work by the due date;
- Required work may reasonably be completed in an agreed-upon time frame;
- The incomplete is not given as a substitute for a failing grade;
- The student initiates the request for an incomplete grade before the end of the academic term;
- The instructor and student complete the "Application for Incomplete Grade" form before the end of the academic term.

Appropriate grades must be assigned in other circumstances.

The following provisions for incomplete grades apply:

- The faculty member initiates the digital "Application for Incomplete Grade" in consultation with the student, Assistant Registrar, and the Dean.
- The course work may be completed while the student is not enrolled.
- If Incomplete grades are not resolved by the following academic term, Incomplete grades will change to the grade earned and affect GPA. The Dean reserves the right to make exceptions to this policy on a case by case basis.
- An Incomplete grade may not be considered passing for purposes of determining academic standing, federal financial aid eligibility, or other purposes.
- Students who receive an incomplete grade in a course cannot re-register for the course in order to remove the "I".
- If the faculty member is not available to grade the incomplete work, the Dean will grade it or find a designee.

Calculating Grade Point Average (GPA)

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

To determine a graduate student's grade point average (GPA), Unity Environmental University uses the following system of quality points:

Letter Grade	4.0 Scale
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D	1.0
F	0.0

Change of Final Grade

Except for the grade of "Incomplete," final course grades are not changed after submission to the Registrar except to correct an entry error, or in the result of a successful student grade appeal (see Appeal of Final Course Grade below).

Change of Final Course Grade - Process for Instructors

If an error has been made in the calculation or transcription of the original grade, the instructor will notify the Dean of the error, and the corrected grade will be sent to the Registrar's Office to be processed. An instructor who wishes to change a grade for any other reason must send the request with documentation to the Dean for consideration. The Dean will review the evidence, seek additional information if necessary, and decide the appropriate course of action. If the change is approved, the

Dean will forward the change to the Registrar's Office with the appropriate documentation.

Appeal of Final Course Grade - Process for Students

If a student disagrees with their final grade for a course, they may initiate a conversation about it with the instructor. After this conversation, should a student wish to appeal the final course grade, they may appeal the grade to the Academic Dean. The student should contact their academic advisor. The appeal form must be emailed to the Dean no later than 30 days after the final grade is submitted. The Dean will review the appeal along with any other supporting documentation and information provided by the student and the instructor and decide on the appeal within 10 business days.

Repeating Courses

Students with a need to earn a higher grade may repeat a previously taken course. While the grades for both the first and subsequent attempts will remain on the student's transcript and the academic record, the highest grade will be used in computing the cumulative grade point average. Credit can only be earned once for a course, unless specifically stated otherwise in the course description. Courses completed with a grade of C or higher may only be repeated once. Students should be aware that financial aid will cover retaking a previously passed course once.

See the Honor Code policy in the [Student Handbook](#) for guidelines about when prior work may be submitted in a repeated course.

Academic Standing

Unity Environmental University has a combined Academic Standing and Title IV Satisfactory Academic Progress [SAP] policy, referred to as the Satisfactory Academic Progress [SAP] policy. Students are assessed for SAP at least biannually, in alignment with each financial aid payment period—although financial aid is disbursed each term, the award year is divided into two payment periods. A student's academic standing and financial aid eligibility may be impacted at the biannual reviews. Additional reviews will be performed for students in an Academic Warning or Academic Probation status.

Review Cycle

- The biannual reviews will take place at the end of the first payment period (second term) in the academic year and again at the end of the second payment period (fourth term) in the academic year.
- Students on Academic Warning will also be reviewed at the end of the third term in the academic year.
- Students on Academic Probation will be reviewed at the end of each term.

Minimum Standards for Satisfactory Academic Progress

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

- Cumulative Grade Point Average [CGPA]: maintaining a minimum cumulative GPA, based on program level: 3.00.
- Completion Rate: maintaining the appropriate completion pace, based on program level: 75%
- Maximum Time Frame: mathematically able to complete a degree program in a timeframe of no more than 150 percent of the program's average length in terms of credits.

Calculating Minimum Standards for Satisfactory Academic Progress

- Cumulative Grade Point Average: is determined by summing the grade points for Unity courses in all terms and dividing by the total number of credit hours attempted in all terms [total grade points divided by total credit hours = CGPA]. An Incomplete grade will not be considered passing for purposes of determining satisfactory academic progress.
- Completion Rate: The number of credits earned divided by the number of credits attempted. Total attempted credits include the number of credits a student is enrolled in at the end of the Add/Drop period of each semester, and cumulatively includes all accepted transfer credits. Grades of "I" [Incomplete] will be used in this calculation as attempted credits, but not earned credits.
- Maximum Time Frame: A graduate degree program with 30- credit requirement would have, at most, 45 attempted credits covered by financial aid.

Academic Standing

Students must meet the minimum standards for SAP at each biannual review. Students who meet all three components of the minimum standards for SAP are considered in good academic standing. Students who fall below one or more of the minimum standards for SAP at the first biannual review, and are not already on Academic Probation, will be placed on Academic Warning until the next payment period. Students on Academic Warning who remain below the minimum standards for SAP at end of the warning review [3rd term for Grad] will receive a second notice that they remain on Academic Warning and are in jeopardy of academic suspension and losing financial aid eligibility. Students on Academic Warning who remain below one or more of the minimum standards for SAP at the second biannual [4th term for Grad] review will be placed on Academic Suspension. Students on Academic Suspension have the right to appeal, requesting their enrollment and financial aid be reinstated due to extenuating circumstances that prevented them from making satisfactory academic progress. Extenuating circumstances include:

- Illness or injury to the student or close relative; or
- Death of an immediate family member or close associate; or
- Other unusual mitigating circumstances.

To appeal, a student must submit a letter explaining the circumstances that prevented them from meeting SAP criteria. The appeal must include what has changed that will allow the student to obtain SAP at the next evaluation and may include any supporting documentation. The SAP Appeals Task Group will review any appeals initiated by a suspended student and received within the timeframe

stipulated in the suspension notification. All appeals must be submitted to registrarsoffice@unity.edu. If an appeal is granted, the student will be placed on Academic Probation until they meet the minimum standards for SAP. Only in extenuating circumstances should a student use the same reason for subsequent appeals. The appeal decisions are final. Students may appeal a maximum three times as a graduate student. The fourth suspension instance, a student will be considered Academically Dismissed from the University. An Academically Dismissed student is subject to the University's Dismissal policy. Students on Academic Probation will be given an Academic Plan, specific to their program level, they must achieve each term while they are working to meet the minimum standards for SAP. Each term, students on Academic Probation will be reviewed for progress towards meeting the minimum standards for SAP and for meeting the requirements of the Academic Plan. Probationary students who meet the minimum standards for SAP will be moved to good academic standing.

- Probationary students who meet the requirements of the Academic Plan yet remain below one or more of the minimum standards for SAP, will remain on Probation until the minimum standards for SAP are achieved, these students do not need to submit appeals if they are progressing as required in the Academic Plan.
- Probationary students who don't meet the terms of their Academic Plan and continue to fall below one or more of the three criteria for SAP, will be placed on Academic Suspension. These students will need to submit an appeal to continue their studies and financial aid.

Academic Plans for Students on Probation

Graduate Students on Academic Probation must complete all registered courses, each term, with at least a B [no incompletes or withdrawals].

The Right to Suspend or Dismiss

The University reserves the right to suspend or dismiss a student from the University at any time when academic work is unsatisfactory or when conduct is deemed detrimental to the teaching and learning goals of the University community. This suspension or dismissal can be put into place at any time during the academic year and does not require the formal Satisfactory Academic Progress review to have taken place.

Graduation

Application for a Degree

Unity Environmental University confers degrees each term to students completing their degree requirements. Applications are accepted on a rolling basis prior to the conferral of the degree. Upon receipt of the application to the Registrar's office, students will be billed a \$100 fee. The application and fee must be submitted in order to confer a degree, even if the student does not plan to attend a commencement ceremony.

Degrees are posted in the student information system within two weeks from the last day of a

student's final term, given that the student has applied for degree conferral. Diplomas will be mailed within thirty (30) days of the conferral date once the academic records are certified and all financial obligations to the University have been resolved.

Participation in a Commencement Ceremony

Unity Environmental University celebrates Commencement with an official ceremony each May. There is a smaller ceremony each December. Master's degree-seeking students are eligible to participate in a commencement ceremony if they have met all academic requirements for their degree or will be within six (6) credits of completing their degree requirements by the date of the ceremony.

Students may only participate in one ceremony per earned degree and must participate within one (1) year of degree conferral.

Certificate students are not eligible to participate in a commencement ceremony.

Diplomas are mailed to the students and are not handed out at the commencement ceremony. Students participating in the ceremony will receive diploma covers.

Students who are eligible and wish to participate in a commencement ceremony must:

1. Submit an application for degree.
2. Have a degree audit completed by the Registrar's office.
3. Pay the \$100 fee.

Students that apply after November 1 to participate in December may not have their information published in commencement materials (program, slideshow) or receive regalia prior to the ceremony.

Students that apply after March 30 to participate in May might not have their information published in commencement materials (slideshow) or receive regalia prior to the ceremony. After April 10, they may also fail to appear in the program.

Replacement Copies of Diplomas

Graduates may submit a request for a replacement diploma through the Registrar's Office. Replacement diplomas shall carry all information contained on the original, except that all signatories will be current administrators. Graduates requesting a replacement diploma will be subject to the current fee for such diplomas.

Unclaimed Diplomas

Unclaimed, undeliverable, or withheld diplomas are retained in the Registrar's Office for a period of (5) five years, after which they may be destroyed. Graduates wishing to replace an unclaimed,

destroyed diploma must request a replacement diploma as described above.

Second Master's Degree

Students enrolled in one master's degree program may wish to pursue a second master's degree at Unity Environmental University. For students pursuing two master's degrees, up to 9 credits may be shared between the two degrees. Students must complete at least 21 credits of unique coursework for each degree. This requirement applies to students pursuing a second master's degree after completing a first master's. If the two programs do not have 21 credits of unique coursework already, students may be required to take additional courses to meet the minimum credit requirement.

SECTION 6: GRADUATE ACADEMIC PROGRAMS

Requirements for All Master's Degree Programs

The overarching goal of both the Master of Professional Science (MPS) and Sustainable Master of Business Administration (SMBA) programs at Unity Environmental University is to train students at an advanced level in sustainability science with attention to professional application.

Each SMBA and MPS program includes a discipline-specific core (15 credits) and either a Professional Masters Core (15 credits) or a SMBA core requirement (21 credits).

The Professional Masters Core curriculum provides learners with opportunities to:

- Use leadership and management skills to accomplish goals in a professional context.
- Use appropriate modes of communication when engaging with diverse stakeholders.
- Recognize and consider ethical implications of decisions and actions in professional settings.
- Identify, network, and become involved in a professional organization that connects with disciplinary professionals.
- Apply knowledge from courses taken and research conducted to produce a capstone research project that aligns with professional career goals.

The SMBA Core curriculum provides learners with opportunities to:

- Use effective communication strategies for engaging with diverse entities.
- Evaluate ethical and sustainability implications of decisions and actions within the field.
- Apply transdisciplinary business solutions involving humans, the environment, and the economy.
- Develop and apply strategic leadership and sustainability plans to promote responsible organizational decision-making.
- Cultivate a professional network to facilitate collaboration and opportunities within a global business environment.
- Create original, impactful works or projects that advance knowledge and promote sustainability within the field.

The discipline-specific core requirements enable learners to develop and apply knowledge and skills related to their chosen academic program. These outcomes are listed in the program-specific descriptions that follow.

Master of Professional Science: Animal Science and Behavior

Using a transdisciplinary process, the MPS in Animal Science and Behavior program provides students with a deep understanding of human-animal interactions with emphasis on animal companionship, behavior, and welfare. With coursework that develops leadership and management skills, the program prepares students for employment as animal trainers, animal shelter managers, and animal service providers.

Graduates in the Master of Professional Science: Animal Science and Behavior program will:

1. Evaluate sources of risk to humans and animals in their interactions, as well as processes to minimize risk or harm.
2. Design and evaluate training protocols that incorporate low stress and least intrusive training techniques for animals.
3. Analyze and differentiate the rules, regulations, laws and training for companion, service, emotional support, and therapy animals.
4. Apply theoretical and practical knowledge of animal nutrition to optimize animal welfare.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Professional Skills Core

PROF 505 Strategic Management of Innovation

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Animal Science and Behavior Core

ANIM 505 Animal Behavior and Modification

ANIM 605 Advanced Animal Training

ANIM 630 Emotional Support and Service Animals: Rules and Regulations

Complete one of the following required tracks:

Canine and Feline Health and Care Track

ANIM 510 Canine and Feline Nutrition

ANIM 610 Animal Shelter Best Practices and Management

Equine Health and Care Track

ANIM 520 Equine Nutrition

ANIM 620 Best Management Practices for Ranches and Stables

Master of Professional Science: Climate Change Adaptation and Resilience

The MPS in Climate Change Adaptation and Resilience degree equips students with the knowledge and skills to tackle the challenges posted by climate change. With a focus on developing professional skills, the transdisciplinary program draws on various fields, including environmental science, sociology, economics, and psychology to provide foundational knowledge on climate vulnerability, risk, decision-making, and climate action. Students in the program learn to assess the impacts of climate change on individuals, ecosystems, economies, and societies and develop strategies to mitigate these impacts. Students will learn how to work with diverse communities, including historically underserved groups, to ensure they are included in the planning and implementation of climate change adaptation strategies. Graduates of the Climate Change Adaptation and Resilience program will be prepared for careers related to climate change adaptation and resilience in government agencies, non-profit organizations, research institutions, and private sector companies.

Graduates of the M.P.S. in Climate Change Adaptation and Resilience will be able to:

1. Explain climate variability and how change occurs.
2. Develop adaptation and resilience plans using the best information available for climate adaptation and resilience.
3. Apply critical thinking and problem-solving skills to assess and decrease individual and system vulnerability to climate impacts.
4. Apply systems thinking to address climate change.
5. Prioritize inclusive planning and actions within existing climate change solutions to achieve climate justice and equity.
6. Evaluate theories and methods for understanding decision making in individuals, organizations and political systems, particularly those associated with frontline and historically underserved communities.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Professional Core

PROF 505 Strategic Management of Innovation

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Climate Change Adaptation and Resilience Core

PSYC 505 Behavior Economics: Understanding What Shapes Decision-Making

SUST 505 Thinking in Systems

SUST 510 Climate Dynamics

SUST 530 Climate Change Adaptation and Mitigation

SUST 605 Climate Change Equity and Engagement

Master of Professional Science: Environmental Geographic Information Science (GIS)

The Masters of Professional Science in Environmental Geographic Information Systems (GIS) will prepare students to support environmental science applications through expertise in GIS, while preparing participants for the professional workforce. Students learn to source, utilize, and evaluate spatially referenced data sets to support the study or application of environmental science, conservation, and policy. Through collaborations with peers and potential employer's, students study the application of GIS technology to various fields in environmental science and learn to communicate their findings visually, orally, and in writing to scientists and the public.

Graduates in the Master of Professional Science: Environmental GIScience program will:

1. Source and process various types of spatially referenced data using GIS technology.
2. Evaluate and validate spatial data from various sources related to real-world environmental issues.
3. Incorporate spatial analysis into the practice of environmental science by preparing proposals and planning and conducting research.
4. Critically analyze, using geospatial simulation or statistical analysis, results produced through GIS technology as applied to planning, evaluating or outcomes of environmental science.
5. Communicate GIS-based findings using maps, reports, posters/infographics or web sites to scientists or the public.
6. Recognize, consider, and discuss the ethical dimensions and policy issues related to

GIS-based environmental research.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Professional Skills Core

PROF 505 Strategic Management of Innovation

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Environmental GIScience Core

GISC 505 GIS and Remote Sensing for Environmental Solutions

GISC 510 Advanced GIS and Remote Sensing for Ecological Applications

GISC 515 Environmental Research Methods

GISC 520 Creating Maps and Graphics of Ecosystem Change

GISC 605 Modeling Our Changing World

Master of Professional Science: Environmental Studies and Sustainability

Sustainability science is a problem-based, solution-oriented framework for creating a resilient civilization. The framework combines technical sustainability with skills based in the social sciences and humanities to create effective change agents who can work within the context of political, economic, and cultural concerns. Mitigation and adaptation to climate change is emphasized along with biodiversity conservation, resource conservation, and mitigation of pollution. Students within this track should expect to explore, debate, and research possible solutions to climate change from a variety of viewpoints.

Graduates of the Master of Professional Science, with a focus in Environmental Studies and Sustainability will:

1. Identify and describe root causes of unsustainability and their impact on current environmental or sustainability challenges.
2. Evaluate sustainability problems and potential solutions from diverse perspectives.
3. Integrate concepts and approaches from social sciences and natural sciences to address environmental problems.

4. Design and conduct a project addressing a sustainability issue using transdisciplinary approaches that engage diverse stakeholders.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Professional Skills Core

PROF 505 Strategic Management of Innovation

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Climate Change Sustainability Core

SBUS 515 Ecological Economics

SUST 505 Thinking in Systems

SUST 510 Climate Dynamics

SUST 515 Leading Sustainable Change

SUST 520 Community Planning for Resiliency

Master of Professional Science: Environmental Marketing and Behavioral Economics

Using tools from the field of psychology, behavioral economics study what drives human decision-making and leverage these insights to shape their choices as consumers.

Professionals trained in behavioral economics are sought after to design and carry out market analyses, interpret results, and make recommendations based on data. Graduates of the Environmental Marketing and Behavioral Economics program will be prepared to fill marketing positions within companies/corporations that seek to create pro-environmental brands and/or to use knowledge of consumer behavior to promote sustainable products and services.

Graduates will also be trained to use the ESG (environmental, social, governance) framework to develop and implement sustainable practices within businesses and NGOs.

Graduates of the Master of Professional Science with a focus in Environmental Marketing and Behavioral Economics will:

1. Draw on theories in the social sciences to explain how cognitive, emotional, cultural,

and social factors impact human decision-making.

2. Use various tools and approaches to measure the environmental impact of products and services.
3. Collect, analyze, and use consumer behavior data to inform decisions that support sustainable products and services.
4. Create branding and marketing communications plans that promote the consumption of sustainable products and services.
5. Create and leverage an ESG strategy for an organization.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Professional Skills Core

PROF 505 Strategic Management of Innovation

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Environmental Marketing and Behavioral Economics Core

MKTG 505 Market Research

MKTG 605 Purpose-Driven Marketing and Brand Management

PSYC 505 Behavioral Economics: Understanding What Shapes Decision-Making

SBUS 515 Ecological Economics

SUST 525 Making the Invisible Visible: The ESG Proposition

Master of Professional Science: Marine Science

The MPS in Marine Science program provides students with a deep understanding of marine science, ecology, and the types of impacts oceans, and associated ecosystems, are experiencing. Stresses on marine ecosystems have created massive losses in marine biodiversity. By pairing leadership skills with scientific innovation, graduates of the program will have the ability to understand, implement, and improve best practices by reviewing primary literature, analyzing scientific data and applying conservation strategies. Employment opportunities span the breadth of academic research, natural resource management, conservation, and education.

Graduates of the Master of Professional Science with a focus in Marine Science will be able

to:

1. Explain the underlying ecological principles and functioning of marine ecosystems.
2. Evaluate and propose solutions to environmental problems facing marine organisms and their habitats.
3. Analyze the approaches and potential outcomes of sustainable marine resource management strategies.
4. Manage scientific data and apply common statistical procedures used in marine science data analysis.
5. Interpret and critically evaluate studies from the scientific literature, and other sources, and clearly communicate findings to others.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate-level grade point average

Wildlife Professional Core

SNRM 505 Human Dimensions of Wildlife Management

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Marine Science Core

MARI 505 Dynamics of Marine Ecosystems

MARI 605 Sustainable Management of Marine Resources

MATH 620 Statistics and Data Management for Science Professionals

Complete one of the following required tracks:

Conservation of Marine Mammals Track

MARI 520 Identification and Life History of Marine Mammals

MARI 620 Marine Mammal Rescue and Rehabilitation

Conservation of Marine Predators Track

MARI 510 Conservation of Marine Predators

MARI 610 Impacts of Predators on Marine Ecosystems

Coral Reef Biodiversity and Conservation Track

MARI 515 Coral Ecology and Conservation

MARI 615 Coral Reef Restoration and Aquaculture

Master of Professional Science: Wildlife Conservation and Advocacy

The MPS in Wildlife Conservation and Advocacy provides students with the knowledge and skills to promote the conservation of wildlife and their habitats, and advocate for sustainable solutions to the challenges facing wildlife. By combining principles of social science with ecological conservation and management techniques, the program prepares students to engage in campaign strategies, advocacy, and communication to promote wildlife conservation at local, national, and international levels. Through interactive coursework, students learn research methodologies, data analysis, science communication and how to engage with people and communities to reach conservation goals. Graduates will be prepared for careers with government agencies, non-profit organizations, private sector firms, or academia. The degree provides a unique and interdisciplinary education to prepare students to develop sustainable conservation solutions that benefit both people and wildlife.

Graduates of the Master of Professional Science, with a focus in Wildlife Conservation and Advocacy will:

1. Demonstrate critical thinking and problem-solving skills through the application of wildlife ecology and management principles to real-world conservation issues.
2. Evaluate the ecological, social, and/or economic factors that influence the conservation of wildlife species, populations, and ecosystems.
3. Design and implement effective communication and outreach strategies to engage affected parties in wildlife conservation efforts.
4. Analyze qualitative and/or quantitative data to address wildlife conservation problems.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Wildlife Professional Core

SNRM 505 Human Dimensions of Wildlife Management

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Wildlife Conservation and Advocacy Program Core

SNRM 507 Wildlife Ecology and Management
SNRM 515 Conservation Ecology
SNRM 610 Wildlife Conservation Campaigns and Action
PSYC 505 Behavioral Economics: Understanding What Shapes Decision-Making
MKTG 505 Market Research

Master of Professional Science: Wildlife Ecology and Management

The MPS in Wildlife Ecology and Management provides students with an advanced understanding of ecological concepts pertaining to wildlife management. Students study the latest scientific advances in wildlife ecology, conservation biology, landscape ecology, and research methodologies. Through interactive coursework, students develop skills in spatial and quantitative analysis, conflict-resolution and decision-making, communication, and how to effectively engage with diverse audiences interested in wildlife conservation and management. The program prepares graduates to take on leadership roles in state and federal government agencies, conservation organizations, and research institutes to sustainably manage wildlife and their habitats, both locally and globally.

Graduates of the Master of Professional Science, with a focus in Wildlife Ecology and Management will:

1. Analyze and evaluate the central ideas and foundational assumptions of managing wildlife.
2. Synthesize complex factors influencing wildlife and their communities to understand ecological relationships.
3. Apply systems thinking and transdisciplinary strategies to problem-solve wildlife management challenges and evaluate management solutions.
4. Use spatial and quantitative analyses to address wildlife ecology and management topics.

Degree requirements:

30 credits earned

21 credits earned at Unity Environmental University

3.00 minimum cumulative graduate level grade point average

Wildlife Professional Core

SNRM 505 Human Dimensions of Wildlife Management

PROF 510 Communication for Environmental Professionals

PROF 515 Ethical Practice and Policy

PROF 590 Capstone I

PROF 690 Capstone II

Wildlife Ecology and Management Program Core

GISC 505 GIS and Remote Sensing for Environmental Solutions

SNRM 507 Wildlife Ecology and Management

SNRM 515 Conservation Ecology

MATH 520 Quantitative Reasoning and Scientific Thought

SNRM 510 Landscape Ecology

Capstone Experience

The Unity Environmental University Graduate Programs require a capstone experience. The capstone experience is a key component of professional master's degree programs and is centered around a capstone project that demonstrated the student's ability to apply skills learned during their master's program through the production of useful workforce-related product for an external partner or the student's current employer. These programs are non-thesis degrees and the capstone projects are not traditional academic theses. Capstone projects should be able to be completed within the timeframe of the capstone course(s), approximately 16 weeks depending on the student's degree completion schedule. The instructor(s) of the capstone courses work with the student as they develop their project proposal and produce the deliverable product for the external partner or employer. A final project report based on this deliverable is presented during the capstone course and contributes to the grade of that course. Capstone projects do not have faculty advisors or graduate committees apart from the capstone course instructor(s). Students will work with external partners or employers as part of their capstone projects.

Capstone projects are developed and completed during two courses. The projects are expected to demonstrate transdisciplinary thinking while developing products that address real-world problems for the external partner or employer. During the first course, the student will work with the instructor to develop a proposal for their project as an outcome for this course. During the second course, the student will compile and analyze information, complete the deliverable product, and prepare and present a report on their project as a course outcome. The capstone experience may vary somewhat among programs.

Graduate Course Descriptions

ANIMAL SCIENCE AND BEHAVIOR COURSES

ANIM 505 Animal Behavior and Modification

This course provides an in-depth understanding of animal behavior and learning from biological, physiological, and neurological perspectives. Students will explore the mechanisms and processes that govern animal behavior, including neural systems and sensory processes, as well as the principles of animal learning, such as associative, non-associative learning, observational learning, and operant conditioning. This course covers topics on the adaptive value and evolution of behavior, social behavior, communication, and the relationship between behavior and the environment. Students will also learn about the latest research techniques and methods used to study animal behavior and learning. By the end of the course, students will be able to apply their knowledge to real-world situations and problems in animal behavior and learning.

Credits: 3

ANIM 510 Canine and Feline Nutrition

This course is focused on the concepts of and science behind animal health specific to canine and feline nutrition, including digestion, absorption, dietary requirements, and consumption needs. Discussions will focus on the effects of nutrition on the health and wellness of canines and felines. Emphasis on nutritional problem solving to prevent and support health throughout the animals' lifespans. Students will also explore how proper nutrition and feeding schedules can be implemented to promote companion animal welfare.

Credits: 3

ANIM 520 Equine Nutrition

This course will explore equine nutritional needs and the essential elements of maintaining a healthy horse. With an emphasis on feeds, diet, and its relationship to health and performance, students will learn how proper nutrition and feeding schedules can be implemented to promote proper equine welfare. This course will also investigate environmental factors that influence horse health and connect the dietary management of various disorders and diseases to equine health and performance.

Credits: 3

ANIM 605 Advanced Animal Training

This course will explore the science and theory of animal learning and how to apply learning principles to train animals. Students will review various practices and techniques that form the art of animal training. Students will learn about the principles of reinforcement and

punishment, schedules of reinforcement, and how to utilize positive reinforcement to build stronger communication between the trainer and the animal. Students will also learn fear free training techniques, how to pick a reward, and training tools such as shaping, capturing, and luring to encourage animals to exhibit a desired behavior. The knowledge and skills learned in this course may be utilized to assist with medical evaluations, treatments, or procedures, and to help meet a variety of management and animal welfare goals.

Credits: 3

ANIM 610 Animal Shelter Best Practices and Management

Animal shelters strive to balance animal welfare science with practical and realistic expectations that can be achieved to provide a high standard of care for their animals and meet the needs of the public. This course provides recommendations on best practices for animal health and care at animal shelters with an emphasis on facility design, record keeping, population management, sanitation, monitoring health and behavior, handling, euthanasia, spaying and neutering, animal transport, and care procedures that maximize animal welfare. This course is intended to provide students with an understanding of the role of a manager in an animal shelter and practice the interpersonal and management skills required to fill the role of an Animal Shelter Manager.

Credits: 3

ANIM 620 Best Management Practices for Ranches and Stables

This course will review the best management practices and safety procedures recommended for ranch and stable managers. The emphasis of this course will include barn hygiene, air quality, safety audits, implementing practices to reduce grazing pressure and pasture quality, manage nutrient gains on pastures, manage water flow, and deliberate fencing to reduce impact on nearby streams and waterways. Students will learn the importance of properly managing the natural environment to optimize the health and welfare of horses, including concepts related to natural ecosystems, ecosystem services, and beneficial management practices.

Credits: 3

ANIM 630 Emotional Support and Service Animals: Rules and Regulations

This course will focus on rules, regulations, laws and training encompassed and/or required by service, emotional support and therapy animals. Students will explore principles of human-animal interactions and potential human health benefits of animals in society. This course will provide students with the ability to provide guidance to public and private stakeholders that seek support in understanding and enforcing the rules and regulations for these animal groups to minimize risk or harm to animals and/or humans. In doing so, students will explore current controversies and analyze current case studies regarding the use of animals in service, emotional support and therapy animal roles.

Credits: 3

CONSERVATION LAW ENFORCEMENT COURSES

CONL 505 Conservation Law Enforcement Management

This course examines the structure of a conservation enforcement agency to achieve maximum effectiveness toward the mission of an organization. Beginning with a statutory foundation at the federal or state level, this course will look at a variety of factors such as size of workforce, budget, contracts, work rules; and public policy, to shape a cost-efficient organization. This course will also look at structure of supervision, span of control, career advancement, use of special teams and support operations. Students will examine operational policies and procedures and learn the value of providing consistent direction to throughout the chain of command.

Credits: 3

CONL 510 Operational Human Resources Management

Civil service laws and rules control the work practices of public service enforcement agencies. This course will take a hands-on look at how such laws and rules direct the day to day operations of a conservation enforcement agency. Topics such as job specifications, position reclassification, performance management, personnel investigations; grievances, and arbitration will be examined. Students will review labor contracts and understand the principles of collective bargaining for conservation enforcement agencies.

Credits: 3

CONL 515 Advanced Wildlife Enforcement

Enforcers of wildlife laws around the globe face a multitude of challenges. Technology has created an interface of humans and wildlife that has changed the face of conservation enforcement. From a local to global perspective this course analyzes how technology and other enforcement practices can be used to combat the illegal taking of wildlife. Topics such as human dimensions, overt vs. covert operations, surveillance practices will be examined.

Credits: 3

CONL 520 Judicial Procedure and Evidence Management

This course will examine the judicial system focusing on the appellate court process at the state and federal level. Students will analyze court decisions and how they control enforcement practices within their jurisdiction. The course will examine evidence management issues including but not limited to electronic evidence, requirements for expert witnesses, and the use of DNA evidence.

Credits: 3

CONL 525 Conservation Law Enforcement and Public Policy

This course examines natural resource policy globally, and at the federal and state level demonstrating regional and societal differences. Enforcement administrators learn to understand the impacts of natural resource-based policy and how it directs the focus of agency. From a global perspective various treaties and conventions will be discussed. At the state and federal level topics such as the Endangered Species Act, Lacey Act will be reviewed.

Credits: 3

CONL 610 Diversity in Conservation Law Enforcement

This course will explore the demographics of the United States and look at diversity from a broad perspective, including but not limited to ethnicity, gender, and economics. Students will understand how diversity affects agency enforcement policies and procedures. The course will also identify management level considerations for creating a diverse natural resource enforcement agency, considering federal and state laws, and policies.

Credits: 3

GEOGRAPHIC INFORMATION SCIENCE COURSES

GISC 505 GIS and Remote Sensing for Environmental Solutions

This course is intended to introduce students to GIS and remote sensing software and tools used to solve real-world environmental problems. Students will learn concepts and data sources and formats used in environmental research they may encounter in careers in environmental science. This course introduces the fundamentals of cartography, photogrammetry, geographic information science, and remote sensing through maps and spatial analysis used to answer various environmental and ecological issues. This course will also introduce students to use map and data outputs in the decision-making process that can impact environmental assessments and determinations.

Credits: 3

GISC 510 Advanced GIS and Remote Sensing for Ecological Applications

This course is intended to build upon introductory course knowledge. This course will teach students to understand and apply more advanced methodologies using GIS and remote sensing technologies. They will apply knowledge gained in this course to environmental concepts they may be exposed to in their careers. Types of data used will include vector and raster spatial data, imagery, maps, and topographic data to examine environmental problems. Data assessed will include spatial information regarding human and natural hazards and disasters, land use and land cover, surface temperature, climate change, wetland delineation, wildlife corridor mapping, coastal erosion, human impacts on the environment, and more. Students can use this data to gain insights and make problem solving decisions regarding

real-world environmental issues they may encounter during their careers.

Credits: 3

Prerequisites: GISC 505 GIS and Remote Sensing for Environmental Solutions

GISC 515 Environmental Research Methods

This course will expand upon GIS and remote sensing concepts, techniques, and tools used in environmental research. Students will gather, process, and analyze data from a variety of sources. Data sources will include GIS and remotely sensed data from online repositories like USGS Earth Explorer, Google Earth, state GIS repositories, the National Atlas Viewer, the NPS IRMA Data Portal, the NRCS Soil Data Viewer, and the USDA Geospatial Data Gateway. Types of data examined will include vector and raster spatial data, imagery, maps, and topographic data. Students will also learn to gather, process, and analyze basic geographic data using tools they have access to including GPS devices including watches, smartphones, cameras, and trackers.

Credits: 3

Prerequisites: GISC 505 GIS and Remote Sensing for Environmental Solutions

GISC 520 Creating Maps and Graphics of Ecosystem Change

This course is intended to introduce students to theory and practice of cartography and visualization. This course will teach students to learn, to think, and to communicate visually using a variety of environmental GIS data. Activities and a final project will teach students to visually display and examine environmental problems. Students will learn symbology, coordinate systems, map projections, topographic representations, interpolation, classification schemes, and more to effectively visually communicate real-world environmental problems and solutions to scientific and general public audiences.

Credits: 3

Prerequisites: GISC 505 GIS and Remote Sensing for Environmental Solutions

GISC 605 Modeling Our Changing World

This course is intended to continue to build on the concepts and techniques learned in previous GIS and remote sensing courses. Students will learn to model and analyze real-world environmental science problems (e.g. past and future impacts of climate change on the Earth). A model is a simulation of the real-world. Students will model raster and vector data using algorithms and basic programming language. Students will use various proprietary and/or open source software to model and analyze environmental data including ArcGIS, and standalone Free and Open Source Software (FOSS) tools.

Credits: 3

Prerequisites: GISC 505

MARINE SCIENCE COURSES

MARI 505 Dynamics of Marine Ecosystems

This course will provide students with an understanding of fundamental biological, chemical, geological, and physical interactions in marine ecosystems. Students will learn the importance of considering temporal and spatial scale when studying oceanic processes and habitats. Topics include vertical structure of coastal and pelagic environments, ocean circulation, global oscillation patterns, distribution and dispersal of phyto- and zooplankton, and the global climate system and climate change. Students will review scientific literature and apply principles of marine ecosystem dynamics to design a research project to examine the connections between ecosystem dynamics and marine conservation.

Credits: 3

MARI 510 Conservation of Marine Predators

This course provides students with a deep understanding of ecology, diversity, natural history and behavior of marine predators, and the implications of the global decline of these species. Students will review the historical and contemporary threats to these species and explore sustainable solutions for the conservation of these important marine species. With an emphasis on synthesizing scientific literature, data analysis and interpretation, students will develop a conservation strategy to ensure the future sustainability of marine predators.

Credits: 3

MARI 515 Coral Ecology and Conservation

This course will explore the biology of corals including the parameters necessary for healthy growth, reproduction and reef formation. Students will learn to distinguish between different types of corals based on physical characteristics and distribution. Current threats to corals and reef health such as coral bleaching, black band disease and ocean acidification will be examined along with management and restoration strategies.

Credits: 3

MARI 520 Identification and Life History of Marine Mammals

This course will provide students with an in-depth exploration into the identification, evolution, anatomy & physiology, population biology, behavior, and ecology of marine mammals. We will explore the breadth and evolutionary history of all marine mammals, with a particular emphasis on what makes each family and species unique. Students will examine the sampling techniques employed to survey these organisms and discuss how this data impacts the health and survival of these important organisms. Lastly this course will identify local, national and global threats facing marine mammals and describe multiple solutions to counteract and address these threats.

Credits: 3

MARI 605 Sustainable Management of Marine Resources

This course will provide an overview to the structure and functioning of marine ecosystems, and acquaint students with the basic biology and field techniques required to successfully and sustainably manage marine populations. This course will expose students to a number of challenges facing marine ecosystems, and will provide an opportunity to discuss activities, approaches and strategies that can be used to solve these challenges. While many examples and scenarios discussed will be based on regional issues, the course will emphasize a global perspective to marine conservation issues and how regional differences in problems and solutions exist. Emphasis will be placed on the importance of using sound science to generate successful management strategies.

Credits: 3

MARI 610 Impacts of Predators on Marine Ecosystems

Current global declines in marine predators could have the unintended consequence of degrading marine habitats. Marine habitats including kelp beds, seagrass, mangroves, salt marshes and coral reefs will be examined to document the widespread effects of changing predator populations. Students will discuss the impact of fewer predators on coastal stability, resilience and diversity of plant communities and coral reefs. Students will synthesize scientific literature to explore the direction of trophic cascades in kelp forests, seagrasses, salt marshes, mangroves, and coral reefs in relation to declines in predators and review the changes to the ecosystem services provided by marine habitats.

Credits: 3

MARI 615 Coral Reef Restoration and Aquaculture

Coral reefs are one of the most diverse ecosystems on earth and act as carbon sinks allowing the reduction of the concentration of atmospheric carbon dioxide, thus playing an important role in climate dynamics. Today many coral reef systems are in a state of decline and therefore protecting and repopulating damaged reefs is an important component of coral reef conservation. From a local to global perspective students in this course will review the major threats to coral reef ecosystems and seek solutions to these threats by exploring the role of artificial reefs, marine protected areas and aquaculture in the restoration of coral reefs.

Credits: 3

MARI 620 Marine Mammal Rescue and Rehabilitation

The primary goal of marine mammal rescue and rehabilitation is to release healthy animals back into the wild. In this class students will learn about the methods used to rescue and rehabilitate marine mammals, including cetaceans, manatees, walrus, seals, and sea lions. Students will follow the steps of rescue from notification through assessment, examination and standard rehabilitation practices, and transportation methods and release protocols. Government programs that guide the protocols of marine mammal rescue, public relations,

and funding needed to support rescue operations will also be reviewed. Students will draft their own animal rescue plan from initial encounter to release or permanent housing.

Credits: 3

MARKETING COURSES

MKTG 505 Market Research

This course will provide an overview of the market research process, from formulating a question to making a data-informed decision. Students will learn to employ appropriate sampling techniques and statistical methods to gather and analyze data using common methods of market research, including surveys, interviews, focus groups, and customer observation. They will draw on market research to support decision-making.

Credits: 3

MKTG 605 Purpose-Driven Marketing and Brand Management

In this course, students will develop and use strategies for building brands or brand initiatives grounded in core values related to sustainability. They will select appropriate strategies and design communication tool to connect with target consumers, partners, or other audiences to promote behaviors that contribute to the greater good.

Credits: 3

MATHEMATICS COURSES

MATH 520 Quantitative Reasoning and Scientific Thought

This course provides managers with a basic quantitative literacy to enhance their ability to evaluate and interpret current ecological literature, and to implement management procedures that help advance understanding of the systems they manage. Topics include ecological study design, use of models in ecology, and advanced statistical approaches such as information-theoretic and Bayesian methods.

Credits: 3

MATH 540 Quantitative Methods for Sustainable Solutions

This course provides students with basic quantitative literacy such as data analysis and statistical computing to enhance their ability to evaluate and interpret data. Students will learn to use that data to implement procedures that help advance the public's understanding of sustainability and environmental issues. Emphasis will be on visualization and quantitative reasoning. Assignments are grounded in real-world problems and data from the social

sciences.

Credits: 3

MATH 620 Statistics and Data Management for Science Professionals

This course implements common statistical procedures used to analyze ecological data. Students will learn how to merge, synthesize, edit and summarize large data sets. Emphasis is placed on application of and inferential methods for evaluating linear models using numerous probability distributions. Extensions of these models for estimating population and community parameters such as occupancy, abundance, and survival are also covered.

Credits: 3

PROFESSIONAL SCIENCE COURSES

PROF 505 Strategic Management of Innovation

The course is designed to help students understand the strategic, organizational and human issues that can either help or hinder you (and the organizations, both private and public, you work for) in efforts to develop and implement science-based solutions to environmental and natural resource challenges. It combines the study of those principles needed to manage scientific innovation with an emphasis on how environmental innovation fits within an organization's strategy and business model, and why they matter, and how one creates an innovative learning organization, drives change within an organization, and drives the adoption of the innovations the organization creates.

Credits: 3

PROF 510 Communication for Environmental Professionals

This course will provide students the opportunity to develop vital professional skills in oral and written communication while preparing them to communicate clearly about science, policy, and technology issues with demographically diverse and geographically dispersed audiences. Content will address mass media and public understanding of science; organizational communication issues such as structure and communication networks; rhetoric, advocacy, and strategic message development; the role of public opinion and public policy; innovation and decision making; crisis communication and conflict management; emerging communication technologies; and inter-organizational and cross-disciplinary communication.

Credits: 3

PROF 515 Ethical Practice and Policy

This course will investigate ethical dimensions of practice as an environmental professional. It examines key ethical theories and considerations that apply to environmental science, climate change, law, and policy, in national and global arenas. Students will critically evaluate

the ethical dimensions of common scientific practice and policy issues related to environmental topics and sustainability. Students will be able to apply key ethical theories to issues that arise in their own professional practice areas.

Credits: 3

PROF 590 Capstone I

This course guides students through the creation of a capstone project. Students from all degree tracks solve real-world problems through application of the variety of skills and knowledge acquired during their master's experience. Students work to develop projects that demonstrate transdisciplinary thinking, analyze complex systems, and develop and communicate solutions to posed problems. Note: Must be scheduled by an advisor in accordance with academic plan.

Credits: 3

PROF 690 Capstone II

This course is the culminating experience of obtaining the Master of Professional Science degree at Unity Environmental University. Students will work to solve real-world problems through application of the variety of skills and knowledge acquired during their master's experience. Collaborators work to demonstrate transdisciplinary thinking, analyze complex systems, and develop and communicate solutions to posed problems. Students will complete their capstone projects in their fields of interest. Note: Must be scheduled by an advisor in accordance with academic plan.

Credits: 3

Prerequisites: PROF 590

PSYCHOLOGY COURSES

PSYC 505 Behavioral Economics: Understanding What Shapes Decision-Making

Behavioral economics, a fairly new subfield of economics, uses concepts and tools from psychology and economics to understand human decision-making. In this course, students will learn how cognitive, emotional, social, and cultural factors can impact decision-making and explain why decisions are often not rational, consistent, or, as predicted by traditional economic models, self-serving. Students will study how insights from behavioral economics have been used to promote pro-environmental and/or sustainable behavior.

Credits: 3

SUSTAINABLE BUSINESS COURSES

SBUS 505 Accounting and Finance for Sustainable Business

This course examines the principles of financial and managerial accounting for strategic decision-making and assessment of the financial strength of sustainably-minded organizations. Discussions will include the essentials of cost accounting, minimizing the costs and risks posed by operations and environmental liabilities, developing effective operational planning and capital budgeting processes, and effectively managing a firm's investments.

Credits: 3

SBUS 515 Ecological Economics

Economic systems influence how society understands its relationship to the environment. From the neo-classical synthesis to socialism, none of our contemporary economic systems seems to provide the social and environmental resilience that sustainability theory demands. The interdisciplinary field of ecological economics attempts to overcome the deficiencies in traditional economic theory, first by recognizing the physical limits in which any economic system operates and then by including normative values into a holistic economic system. Students will learn the basic principles of ecological economics, evaluate the framework, and learn to apply its principles to sustainability work.

Credits: 3

SBUS 525 Designing Successful Teams & Organizations

This course covers some of the skills that help organizations to thrive in a multicultural business environment, such as effective teamwork, the ability to set and reaching goals, and effective human resource strategies. Students will learn about leadership and communications skills for business leaders, group collaboration, and engaging employees and stakeholders to reach their full potential.

Credits: 3

SBUS 530 Business Ethics for 21st Century Leaders

Recent events have demonstrated that ethical failures by business leaders can have major consequences across the globe. It is important for businesses to identify when ethical issues emerge and how to address them. Organizations can create a strategic advantage by taking a triple bottom line approach to business by considering social, environmental and economic factors.

Credits: 3

SBUS 540 Quantitative Methods for Sustainable Solutions

Effective marketing is essential for overall business success. This course explores marketing in a sustainable organization and creating beneficial relationships with stakeholders. Students learn how to brand an organization, determine consumer demand, identify target markets,

create brand positioning, and develop pricing strategies.

Credits: 3

SUSTAINABLE NATURAL RESOURCE MANAGEMENT COURSES

SNRM 505 Human Dimensions of Wildlife Management

This course considers the human dimensions aspects of wildlife management. Topics include approaches to stakeholder involvement in management, conflict resolution, and decision-making approaches through case studies and human-dimensions research. Students learn principles that are needed to find science-based and socially acceptable solutions to wildlife management problems.

Credits: 3

SNRM 507 Wildlife Ecology and Management

This course emphasizes the key ecological concepts and management principles involved in the management of free-ranging animal populations. This course provides an overview of community and population ecology, habitat and population management, and role of human dimensions in successful wildlife management. Topics include aspects of game and non-game management including harvest management, species recovery and nuisance wildlife. Students will learn and discuss these principles and concepts as they relate to current issues encountered by wildlife managers.

Credits: 3

SNRM 510 Landscape Ecology

Landscape ecology focuses on the relationships between scale, spatial pattern, and ecological processes. Emphasis will be placed on landscape perspectives and practices as they relate to the management and conservation of populations and communities. This course will explore the importance of scale in assessing pattern and process and how landscape structure is characterized. We will examine the abiotic and biotic drivers of landscape patterns including land- use legacies and disturbance regimes. Other topics to be addressed include how populations and communities are structured across the landscape and respond to landscape change.

Credits: 3

SNRM 515 Conservation Ecology

This course presents concepts from multiple biological disciplines, including population ecology, evolutionary biology, genetics, behavioral ecology, sociology, as well as sociology and policy. Discussion illustrates the value of transdisciplinary thinking in solving conservation challenges. Students practice management and conservation problem solving by integration and application of course concepts to real-world case studies with an ecological focus.

Credits: 3

SNRM 610 Wildlife Conservation Campaigns and Action

This course explores the theory, practice, and evaluation of wildlife conservation campaigns and advocacy, with a focus on assessing their effectiveness in promoting conservation action. Students will learn how to develop and implement effective wildlife conservation campaigns, considering factors such as target audiences, message framing, behavior change, and impact evaluation. The course will cover a range of communication tools to promote effective wildlife conservation campaigns and action. Upon completion of the course, students will be equipped to contribute to effective wildlife conservation campaigns and to assess their impact on wildlife conservation action.

Credits: 3

SUSTAINABILITY COURSES

SUST 505 Thinking in Systems

Solving complex sustainability problems requires you to take a multi-dimensional perspective. As a sustainability professional, you integrate environmental, social, and economic aspects with intergenerational thinking and consideration of nonhumans to find ways to improve life for everyone. In this class, students will troubleshoot major issues by adopting a comprehensive outlook in order to discover leverage points that can be used to manage trade-offs, prevent or respond to disruptions, or optimize performance. Students will map systems and model their interrelated components to become more proficient in communicating problems to others, analyzing alternative interventions, and making more sustainable decisions.

Credits: 3

SUST 510 Climate Dynamics

Climate change is the defining environmental issue of the 21st century. Sustainability professionals and natural resource managers should be able to follow the emerging science, communicate it to a wide variety of audiences, and aid in developing solutions. This course begins with the science of climate and climate change and the anthropogenic contributions to that change. The course then examines the challenges society faces with regard to climate change impacts, mitigation and adaptation, and strategies to increase the resilience of natural and human communities. Throughout the course, we will examine the historical and emerging responses to aspects of climate change mitigation and adaptation.

Credits: 3

SUST 515 Leading Sustainable Change

The community dimension of sustainability science sets it apart from historical scientific problem solving. Truly sustainable solutions need to meet economic and cultural acceptability to be implemented politically, and the process of seeking solutions can change community perceptions.

Through techniques for understanding the nature of stakeholders and the use of social marketing, sustainability professionals can strongly influence perceptions and behavior. In this course, students will practice research-based stakeholder analysis and social marketing.

Credits: 3

SUST 520 Community Planning for Resiliency

It is increasingly essential that we couple our greenhouse gas reduction actions with preparations for climate extremes and other changes, both expected and unexpected. As the footprint of human society continues to grow, managing the built environment for resilience becomes one of the primary leverage points for mitigation of sustainability problems, and an important focus of adaptation. From buildings to transportation networks to the relationship between urban communities and their rural resource bases, a strategically developed built environment dramatically reduces the carbon footprint, protects open space, and fosters social cohesion. We will enlist successful frameworks used in community design and green building as we explore ways in which communities can anticipate and adapt to the consequences of climate change while contributing to global mitigation efforts.

Credits: 3

SUST 525 Making the Invisible Visible: The ESG Proposition

The environment, social, and governance (ESG) framework is a powerful tool for shaping sustainable business practices and investment decisions. ESG reporting has become a mechanism for supporting sustainable investment and catalyzing the adoption of sustainable business practices. This course will introduce learners to the three dimensions of the ESG framework and strategies for gathering and reporting data about each. Learners will analyze sample ESG propositions and develop a proposition for a specific business or organization.

Credits: 3

SUST 530 Climate Change Adaptation and Mitigation

Climate Change Adaptation and Mitigation is an interdisciplinary course that teaches students about the challenges and strategies associated with addressing climate change. The course will delve into the impacts of climate change on ecosystems, agriculture, water resources, and human health, as well as the implications for vulnerable populations and socio-economic systems. Students will explore various adaptation and mitigation strategies aimed at reducing greenhouse gas emissions and building resilience to climate change. The course includes an examination of climate-smart technologies, sustainable land management practices, nature-based solutions, and policy frameworks at local, national, and global levels. Students will develop the skills necessary to critically analyze climate change issues and propose practical solutions.

Credits: 3

SUST 605 Climate Change Equity and Engagement

Climate change is one of the most pressing challenges of our time, and its impacts are disproportionately affecting the most vulnerable and historically underserved populations worldwide. Addressing climate change requires equity and engagement to ensure that climate action is inclusive, just, and effective. This course delves into the complex intersection of climate change, equity, social justice, and community engagement to explore strategies for creating inclusive approaches to climate mitigation and adaptation. In this course students will learn to facilitate community participation in solution development and decision-making through equity-based and decolonizing approaches.

Credits: 3

URBAN ECOLOGY AND SUSTAINABLE PLANNING COURSES

UESP 505 Sustainable Design: Green Spaces and Urban Nature

This course introduces students to principles of sustainable design with an emphasis on green spaces in urban environments. It will provide students with a framework to move beyond superficial greening efforts to create plans that highlight people, planet, profit, and purpose. Upon completion, students will have a critical vocabulary about the complexity, cost, and scale of the challenges in designing green spaces in urban environments.

Credits: 3

UESP 605 Sustainable Design: Creating Sustainable Buildings

This course will focus on design thinking and design principles with an emphasis on the built environment in urban settings. Students will learn ways to re-envision the built environment as “living” and as an active community member that contributes to the urban ecological landscape. Students will learn about building infrastructure to help design buildings that contribute to its urban ecosystem(s). This course will emphasize design thinking, teach students strategies for managing the complexities when designing new buildings or redesigning existing ones, and explore the role of economics and human beings in this process.

Credits: 3

UESP 615 Planning for Human-Wildlife Interactions in Urban Environments

This course is an introduction to both the issues surrounding human-wildlife interactions in urban environments and an exploration into meaningful plans to support productive ecological coexistence. After providing a historical context and background on current conservation efforts, students will learn innovative strategies to support areas which are valuable to both humans and wildlife. Topics covered will include multi-level policy development, ecological economies of wildlife in urban spaces, zoonotic disease transmission and prevention, global encroachment trends, hunting in relation to wildlife abundance, and even tourism practices in urban environments. Students will additionally be exposed to the principles of wildlife forensics and learn how to design and implement

culturally appropriate and community-led solutions to human-wildlife challenges.

Credits: 3

SECTION 8: UNIVERSITY POLICIES

Code of Conduct and Honor Code

Distance Education students are expected to abide by the Code of Conduct and Honor Code as set forth in the Distance Education Student Handbook.

The Family Educational Rights and Privacy Act of 1974

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their educational records. These rights include:

Inspection of Records

A student has the right to inspect and review their education records within 45 days of the day the University receives a request for access. If a student wishes to inspect their education records, they should contact the Registrar to make arrangements.

Amendment of Records

A student has the right to request the amendment of their education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the University to amend a record should write to the Registrar, clearly identify the part of the record the student wants changed, and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

Disclosure of Records

Unity Environmental University must obtain a student's written consent prior to disclosure of personally identifiable information contained in educational records except in circumstances permitted by law or regulations, some of which are summarized below.

Directory Information

Unity Environmental University designates the following student information as directory information that may be made public at its discretion: name, address, telephone listing, email address,

photograph, date and place of birth, major field of study, grade level, enrollment status, most recent educational agency or institution attended, and student ID number or other identifier other than a Social Security number (but only if the identifiers cannot be used to gain access directly to education records without one or more other factors such as a password), participation and level of students in officially recognized activities, dates of attendance in the University, degrees, honors and awards received, and photographs and videos relating to student participation in campus activities open to the public.

Students who do not want the University to disclose directory information must notify the Registrar's Office in writing. This opt-out request will remain in effect unless and until it is rescinded by the student in writing.

School Officials with Legitimate Educational Interests

Education records may be disclosed to school officials with a legitimate educational interest. A school official has a legitimate educational interest if they need to review an education record in order to fulfill his/her professional responsibility. School officials include persons employed by the University as an administrator, supervisor, academic or research faculty or staff, or support staff member (including health or medical staff and law enforcement unit personnel); persons or companies with whom the University has contracted to provide specific services (such as attorneys, auditors, medical consultants, field placement supervisors and other related personnel, collection agencies, evaluators or therapists); Board of Trustee members; students serving on official committees or assisting other school officials in performing their tasks; and volunteers who are under the direct control of the University with regard to education records.

Student Identity Verification Policy

In compliance with the provisions of the United States Federal Higher Education Opportunity Act (HEOA) of 2008, Public Law 110-315, concerning the verification of student identity in distance learning, Unity Environmental University has established and will periodically evaluate its process to confirm that person who is enrolling in the University is the person who is completing the enrollment form, that a student taking an examination is the student who registered to take the examination, and that the student who is registered for an online course is the same student who participates in, completes, and receives credit for the course.

To authenticate identities, Unity Environmental University will use one or more of the following methods for verification:

- A secure login with username and password
- Proctored examinations
- New or emerging technologies and practices that are effective in verifying student identification

All methods of verifying student identity must protect the privacy of student information in

accordance with the Family Educational Rights and Privacy Act (FERPA), any other applicable laws or regulations regarding the confidentiality of personally identifiable information, and the University's Privacy Policy.

Personally identifiable information collected by the University may be used as the basis for identity verification. This information may include a combination of the following:

- Student ID number
- Last four digits of the student's Social Security Number
- At least two other pieces of information such as the student's email address on file, date of birth, address, or username, etc.

Active Duty and Veteran Students

Unity Environmental University welcomes applications from veterans, active military members, and their dependents. Any student wishing to use educational benefits from the Veterans Administration must submit a copy of a Certificate of Eligibility or Tuition Assistance voucher to their assigned Concierge. Veterans using Vocational Rehabilitation and Employment benefits must inform their VA counselor of their intention to attend Unity Environmental University.

Veterans, active military members, and their dependents are also eligible for a 10% discount on tuition, regardless if they are using VA educational benefits. Such students may disclose their status on their admissions application or notify their DE Concierge to receive the discount.

VA Benefits

The degree programs of Unity Environmental University are approved by the Maine State Approving Agency for Veterans Education Programs for persons eligible for educational benefits (GI Bill®) from the U.S. Department of Veteran Affairs. Students who have questions about their eligibility should visit the Veterans Administration web site at [Veteran Administration](#) or call (888) 442-4551.

Veteran students are expected to complete all registered courses each term. Any change in academic workload must be reported to the University. Failure to do so may result in incurring debt.

Under S2248 PL 115-407 Section 103, Unity Environmental University will not impose a late fee, denial of access to facilities, or other penalty against a veteran or eligible dependent due to a late payment of tuition and/or fees from the VA up to the certified benefits amount. Any portion of the student bill not covered by VA benefits is still expected to be settled by the due date.

Orders to Perform a Period of Service

Under Public Law 117-328 Title 38 U.S.C § 3691A, when an enrolled student who is a member of the Armed Forces (including reserve components) receive orders to “perform a period of service” (i.e., active duty, inactive duty training, or state service), Unity Environmental

University will not assign the member a failing grade, reduce the member's grade point average, characterize any member's absence(s) as unexcused, or assess a financial penalty on a member because of a withdraw or leave of absence due to receiving orders for service.

If a student receives orders after a term start and the orders require the student to begin service before the term has ended, a student has the option of receiving an Incomplete grade for the term or withdrawing and receiving a refund. The student should reach out to their advisor to provide a copy of the orders and discuss arrangement options.

Ethical Recruitment of Service Members Policy

This policy places restrictions on recruitment practices and payment of incentivized compensation in the recruitment of service members. Unity Environmental University recruitment practices refrain from high-pressure recruitment tactics such as making multiple unsolicited contacts [three or more] for the purpose of securing service member enrollments.

Unity Environmental University does not offer its employees commission, bonus or other incentive payment based directly or indirectly on securing Service member enrollments or any student enrollments. This applies only to incentive compensation and does not apply to base salary or wages.

The University will not provide any inducements to any individual or entity to secure the enrollment of military service members or obtain military provided tuition assistance. Inducements include any gratuity, favor, discount, entertainment, hospitality, loan, transportation, lodging, meals, or other item having a monetary value of more than a minimal amount.

Military Tuition Assistance

Military tuition assistance [TA] is awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded. To comply with the Department of Defense [DoD] policy, Unity Environmental University will return to the DoD any unearned TA funds on a prorated basis through at least the 60% portion of the period for which the funds were provided. TA funds are earned proportionally during an enrollment period, with unearned funds returned when a student stops attending. In instances when a Service member stops attending due to a military service obligation, Unity Environmental University will work with the affected service member to identify solutions that will not result in a student debt for the returned portion in compliance with the DoD policy.

Schedule for returning unearned TA

8-Week Courses [56 days in term]

- Drop course before third day of term: 100% returned
- Withdrawal from course, days 4-17: 75% returned

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

- Withdrawal from course, days 18-25: 50% returned
- Withdrawal from course, days 26-33: 40% returned
- Withdrawal from course, days 34-56: 0% returned

For those courses that have durations differing from those listed above: unearned TA funds will be returned on a prorated basis, depending on the length of the course. To determine the amount of TA that needs to be returned, the institution will determine the date the withdrawal was submitted, then divide that by the number of days in the term to determine the percentage of TA that was earned by the student.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at [GI Bill](#).

Student Health Insurance Policy

Students are not required to have health insurance and are not eligible to join the Unity Environmental University sponsored student health insurance plan.

SECTION 9: RESOURCES

Academic Calendar

Please see the webpage for the current academic calendar: <https://online.unity.edu/academic-calendar/>

Distance Education Student Handbook

<https://unity.edu/unity-college-handbooks/>

University Resources

Financial Aid Consumer Information

Please see the webpage for [institutional information for consumers](#).

University Resources

The mailing address for all Unity Environmental University correspondence is:

Unity Environmental University Distance Education
70 Farm View Drive, Suite 200
New Gloucester, ME 04260

University Switchboard: [207] 509-7100
Distance Education: [207] 509-7155
University Website: www.unity.edu

Registrar

registrarsoffice@unity.edu: (207) 509-7257

Financial Aid

financialaid@unity.edu: (207) 509-7235

Bursar

bursar@unity.edu: (207) 509-7298

Distance Education Resources	
ADA Accessibility Office AccessibilityDE@unity.edu	(207) 509-7320
Title IX Coordinator drogan@unity.edu	Doreen Rogan (207) 509-7342

UNITY ENVIRONMENTAL UNIVERSITY DISTANCE EDUCATION
GRADUATE CATALOG

Date Modified:

Adoption Chain: DE Leadership, President

DE Graduate Catalog Addendum for January 2024

Update of Bursar and Financial Aid information – throughout catalog

Added Wildlife Professional Core – throughout document Approved 8/18/23

Removed MPS in Wildlife Conservation and Management – Approved 8/18/23

Update to NECHE address – page 7

Update to Admission policy – page 8

Update to Pre-requisite requirements – page 8

Update to Readmission information – page 9

Correction to payment plan – page 12

Clarified Course Load and Status Language – page 15

Update to Master's Degree Requirements – page 27 – Approved 11/29/2023

Update to ANIM505 description – page 38

Removed GISC 525 – page 43

Removed GISC 690 – page 44

Removed ESCI 605 – page 42

Removed ESCI 610 – page 42

Update to PROF 515 description – page 47

Removed SBUS 520 – page 49

Removed SBUS 535 – page 50

Update to SUST 510 description – page 51

Removed SNRM 509 – page 53

Added Orders to Perform a Period of Service – page 59