To provide enhanced training in Conservation Biology to students who desire to enhance their career or prepare for doctoral studies.

Students will perform an extensive research project on which they will write their thesis. A flexible curriculum allows students to explore their specific interests. For more information, please visit the progr

to a biology major. Conservation biology, biology, environmental science, forestry, or related area is preferred.
- Statement of purpose (500-1000 words) which identifies your educational goals and expectations from the program, as well as your primary and secondary career objectives.
- Research topic selection (500-1000 words): Explain your rationale and interest in a particular research project and how you anticipate this particular project assisting you in your career.
- Three letters of recommendation.
- Scores from GRE are required.

- Must maintain minimum 3.0 GPA
- Successful proposal defense completed during the first semester or first winter term.
- Committee approval and satisfactory progress towards project completion.

Students who otherwise meet the eligibility requirements for the Master of Science in Conservation Biology but who apply after the entering class has been filled will be placed on an alternate list and will be notified if they are selected for inclusion in the program for the upcoming academic year. Students who are placed on the alternate list and who are not admitted will receive a refund of half of their Application Fee ($25).

Students are required to complete 32 credit hours and have a final GPA of 3.0 to graduate. Students complete

A. BIO 540 (if not completed as an undergraduate), 555, 598 (to be taken twice)
B. Research hours: 5-9
C. Electives: 18 hours
D. Successful defense of a thesis project.

• Minimum of 12 undergraduate hours in biology applicable

- Application Fee: $50
- Laboratory Fees: A lab fee will be assessed for each lab course.
- Research assistantship includes the cost of tuition, up to 32 credit hours.
- General Student Fee: $25/hour
- Deposit: $500 (will be applied to your general student and laboratory fees); due May 1 or within two weeks of acceptance of your application. The deposit is 100% refundable within 20 business days of the acceptance of your application, 50% refundable between 21 and 35 days after acceptance of your application, non-refundable after 35 days of acceptance of your application). No refunds of deposits will be given after July 1.
- All financial information is subject to change without notice.

Financial aid information for graduate students is available on our website at *www.uu.edu/financialaid*. Generally, graduate students may be eligible for Federal Direct student loans or private alternative student loans (*www.uu.edu/financialaid/loans/alternative-lender-list.cfm*), depending on the program of study and the eligibility of the borrower. Union University is also approved by the Department for Veterans Affairs to offer educational benefits to veterans, reservists, and dependents of veterans who qualify for Veterans Benefits. Any person who qualifies for VA Benefits should check with the Office of Student Financial Planning as soon as possible after acceptance into a graduate program. Additional external scholarship information may be obtained through *www.fastweb.com*.

Focuses on the identification and ecology of birds in the eastern United States. Multiple field trips are required, culminating with a 10-day trip to South Georgia and Florida. There is an extra fee associated with this class.

Study of physiological factors influencing the chemical and structural composition of plant absorption and utilization of water and minerals; photosynthesis, translocation, respiration, nitrogen metabolism; and growth and development. Physiology is the study of how plants function, including resource acquisition, energy creation and use, resource allocation, life cycle, and stress response. Three hours lecture and 3 hours laboratory/ week.

This course will focus on the identification and management