PATHOLOGY M.S.
All students must meet the Requirements for the Master’s Degree

OVERVIEW
The Department of Pathology offers a non-thesis Master of Science degree. This M.S. degree requires 30 credits in coursework and does not require a thesis or thesis defense.

SPECIFIC REQUIREMENTS
Requirements for Admission to Graduate Studies for the Degree of Masters of Science
Students should apply for admission into the master’s in pathology program by March 15. Admission into this program requires the following:

• Satisfactory undergraduate or graduate course work in chemistry, organic chemistry, and the biological sciences.
• Satisfactory scores on the Graduate Record Examination (GRE) general exam or the Medical College Admission Test (MCAT).
• Completion of the UVM graduate college application.
• Three letters of recommendation that attest to the student’s intellectual maturity, oral and verbal communication skills, and their aptitude for studies towards an advanced degree in this area.

Program Learning Outcomes for Students
• Attain a core set of knowledge within pathology and molecular biology.
• Think independently, creatively, and critically about established scientific findings and new discoveries in pathology.
• Become effective written and oral communicators of science.
• Successfully prepare for pathology-based careers in patient care, translational and basic science research, and biomedical education.

Minimum Degree Requirements
A minimum of 30 credits with a minimum GPA of 3.00 and successful completion of a comprehensive oral exam are required for a master’s degree in pathology. Students must also meet the Graduate College requirements for the Master’s Degree.

<table>
<thead>
<tr>
<th>Non-Thesis Track (Core curriculum - 30 credit hrs)</th>
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<tbody>
<tr>
<td>CLBI 301 Cell Biology</td>
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<td>PATH 303 Translational Pathology</td>
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<td>PATH 305 Molecular Mech Environ Disease</td>
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<td>PATH 330 Pathology Rotations</td>
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<td>or PATH 395 Advanced Special Topics</td>
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<td>NSCI 327 Resp Conduct in Biomed Resh</td>
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<td>Additional approved courses (15 credit hrs)</td>
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Comprehensive Oral Examination
A written examination is taken following completion of the core courses listed above.

Requirements for Advancement to Candidacy for the Degree of Master of Science
Completion of core courses listed above and passing the comprehensive examination.