Human Toxicology, M.S.

Requirements

The Master of Science program in human toxicology requires a minimum of 39 s.h. of graduate credit and a thesis. The program is designed for students who wish to pursue a master's degree as a second degree or through part-time study, particularly those who perform toxicologists' functions in their jobs and who need additional training.

Entering students should have backgrounds in the biological, engineering, and physical sciences and should have completed courses in introductory chemistry and biology, and organic chemistry.

After entering the program, students work with their mentor to choose an advisory committee, which meets at least once a semester to help them explore their research interests. The committee also provides consultation on course work and research activities and serves as the committee for the final examination (thesis defense).

The Human Toxicology Program is flexible. Students work with their advisory committees to plan a course of study tailored to their individual interests and goals within the field of toxicology.

M.S. students with a major in human toxicology must successfully complete the following course work as part of their course of study.

This course:
- OEH:5710 Environmental Toxicology 3

Or these three courses:
- PHAR:6501 Principles and Mechanisms of Chemical Toxicology 1
- PHAR:6502 Toxic Agents and Concepts in Toxicology 1
- PHAR:6503 Target-Organ Toxicity 1

And all of these:
- BMED:7270 Scholarly Integrity/Responsible Conduct of Research I 0
- OEH:6720 Advanced Toxicology 4
- TOX:7180 Toxicology Research Seminar (enrollment is required each semester) 0-1

Upon successful completion of all requirements, including the thesis and its oral defense, students are awarded the Master of Science degree.

Associated Courses

For course descriptions and prerequisite information, see the course listings in the College of Pharmacy and Department of Occupational and Environmental Health sections of the Catalog.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEH:5710</td>
<td>Environmental Toxicology</td>
<td>3</td>
</tr>
<tr>
<td>OEH:6720</td>
<td>Advanced Toxicology</td>
<td>4</td>
</tr>
<tr>
<td>PHAR:6501</td>
<td>Principles and Mechanisms of Chemical Toxicology</td>
<td>1</td>
</tr>
</tbody>
</table>