### Toxicology (PhD)

#### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>TOX 701</td>
<td>Principles and Mechanisms of Molecular and Biochemical Toxicology, I</td>
<td>33</td>
<td>Core Courses</td>
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<tr>
<td>TOX 710</td>
<td>Molecular and Biochemical Toxicology</td>
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<tr>
<td>TOX 715</td>
<td>Environmental Toxicology</td>
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<tr>
<td>TOX 801</td>
<td>Toxicology Seminar (enroll every semester)</td>
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<tr>
<td>TOX 820</td>
<td>Special Problems In Toxicology (Lab Rotations)</td>
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<td>TOX 820</td>
<td>Special Problems In Toxicology (Responsible Conduct of Research)</td>
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<td>TOX 820</td>
<td>Special Problems In Toxicology (Professional Development)</td>
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<td>ST 511</td>
<td>Statistical Methods For Researchers I (or equivalent)</td>
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<td>GN 701</td>
<td>Molecular Genetics</td>
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<td>CBS 770</td>
<td>Cell Biology</td>
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<tr>
<td>TOX 895</td>
<td>Doctoral Dissertation Research</td>
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### Elective Courses

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<tr>
<td>TOX 704</td>
<td>Chemical Risk Assessment</td>
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<td>Elective Courses</td>
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<tr>
<td>CBS 771</td>
<td>Neurobiology</td>
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<td>BIO 588</td>
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</table>

*Other courses must be approved in conjunction with the academic committee.*

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**Faculty**

**Professors**

Ronald E. Baynes
Scott Belcher
James C. Bonner
Matthew Breen
David Buchwalter
William Gregory Cope
Suzanne Fenton
Jane A. Hoppin
Cathrine Hoyo
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Seth William Kullman, Director, T32 Training Grant
Carolyn Jane Mattingly
Nanette Nascone-Yoder
Elizabeth Guthrie Nichols
Jun Ninomiya-Tsuji
Emilie Francesca Rissman
Richard M. Roe
Yogesh Saini
Robert Charles Smart
Yoshiaki Tsuji
Hong Wang
Fred Andrew Wright
Jeffrey A. Yoder

Nadine Kotlarz
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Practice/Research/Teaching Professors
David Allen Skaar
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David Reif

Adjunct Associate Professor
John S. House

Emeritus Faculty
Gerald LeBlanc

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Michael Anthony Cowley
Shobhan Gaddameedhi
Kurt Marsden
Antonio Planchart
Yihui Zhou

Assistant Professors
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Natalia Duque-Wilckens
Jonathan Hall