

Roadmap to Success in Graduate School (Human Toxicology Program)

Grad School Year	Expectations
Year One	General: • Complete an IDP in TOX:7173 Professional Development in Toxicology and update annually • Complete 3-4 rotations (as needed) • Join a lab by the end of last rotation (and sign offer letter) • Complete online (ICON) and onsite (lab) trainings • Find out who in your dept handles HR stuff (U-bills, etc.) • Join SOT (https://www.toxicology.org/groups/membership/joinSOT.asp) • Membership often paid for by program • Deadlines in March, June, Sept, Dec • Join UI Tox LinkedIn network (https://www.linkedin.com/groups/12475835/) • Attend CS-SOT (if possible) Minimum Coursework Required: • Take courses typically 4 courses in the first 2 semesters (exclusive of the tox seminar) • Register for <i>TOX:7173 Professional Development in Toxicology</i> • Register and participate in <i>TOX:7180 Toxicology Research Seminar</i> for 0 hrs • Have completed <i>BIOS: 4120 Introduction to Biostatistics</i> and <i>BIOS: 5120 Regression Modeling and ANOVA in the Health Sciences</i> • Take either <i>OEH:6710 Human Toxicology and Risk Assessment</i> or <i>PHAR:6501 Principal Mechanisms of Chemical Toxicology</i> • Bring <i>TOX 7201: Toxicology Research</i> hours (under advisor: Peter Thorne) up to 15
Year Two	General: • Meet with your PI (preferably weekly) • Create an NCBI account, Biosketch, and ORCID (these will be useful later on) • Develop data handling skills (choose software, management, backup plans) • Adopt organizational tools (Evernote, EndNote, etc) • Form thesis advisory committee and hold meetings • Plan for comprehensive exam/begin writing proposal • By end of summer of second year, pass comprehensive exam • Attend and present at CS-SOT (if possible) Minimum Coursework Required: • Have completed <i>BMED: 7270-7271 Scholarly Integ/Resp Conduct of Rsrch</i> courses • Second or third year Advanced tox (Fall Even years) • Register for <i>TOX:7180 Toxicology Research Seminar</i> for 0 hrs • Take discipline-specific courses as needed (as advised by committee) typically 2-4 courses in the first 4 semesters • Bring <i>TOX 7201: Toxicology Research</i> hours (with your PI as advisor) up to 15
Year Three	General: • Apply for fellowships including Graduate College post-comp fellowship and summer fellowship • Present your work as much as possible (talks, posters, etc) Minimum Coursework Required: • <i>OEH:6720 Advanced Toxicology</i> course • Check hours (72 h needed to graduate) • Registration for only 1 hour per semester required (<i>TOX 7201: Toxicology Research</i> or other, as needed) • Register for <i>TOX:7180 Toxicology Research Seminar</i> for 0 hrs
Year Four and Beyond	General: • Give a seminar at <i>Toxicology Research Seminar</i> (email Dr. Lehmler early to schedule) • Work on CV, networking, and final year-job searching • Write thesis • Pass dissertation defense Minimum Coursework Required: • Register for <i>TOX:7180 Toxicology Research Seminar</i> for 0 hrs unless giving a seminar (1 h) • Only select 1 hour for <i>TOX 7201: Toxicology Research</i>