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 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)
	● Attend Tox Program meeting on comprehensive exam process in spring semester
	
	Minimum Coursework Required:
	● Take courses typically 3- 4 courses in the first 2 semesters (exclusive of the tox seminar)
	● Register for *TOX:7173 Professional Development in Toxicology*
	● Register and participate in *TOX:7180 Toxicology Research Seminar* for 0 hrs
	● Have completed *BIOS: 4120 Introduction to Biostatistics* and *BIOS: 5120 Regression Modeling and ANOVA in the Health Sciences*
	● Take either OEH:6710 Human Toxicology and Risk Assessment or PHAR:6501 Principal Mechanisms of Chemical Toxicology
	● Bring *TOX 7201: Toxicology Research* 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 1st meeting ● Plan for comprehensive exam/begin writing proposal ● Pass comprehensive exam (by end of summer session after second year) ● Attend and present at CS-SOT (if possible) **Minimum Coursework Required:** ● Have completed *BMED: 7270-7271 Scholarly Integ/Resp Conduct of Rsrch* courses ● Second or third year Advanced tox (Fall Even years) ● Register for *TOX:7180 Toxicology Research Seminar* for 0 hrs ● Take discipline-specific courses as needed (as advised by committee) typically 2-4 courses in the first 4 semesters ● Bring *TOX 7201: Toxicology Research* hours (with your PI as advisor) up to 15
Year Three	**General:** ● Apply for grants (ask your PI for which ones) ● Present your work as much as possible (talks, posters, Tox Journal Club, etc.) **Minimum Coursework Required:** ● *OEH:6720 Advanced Toxicology* course ● Check hours (72 h needed to graduate) ● Registration for only 1 hour per semester required (TOX 7201: Toxicology Research or other, as needed) ● Register for TOX:7180 Toxicology Research Seminar for 0 hrs
Year Four and Beyond	**General:** ● Give a seminar at *Toxicology Research Seminar* (email Dr. Lehmler early to schedule) ● Work on CV, networking (especially with alumni), and final year-job searching ● Work with the program to do mock interviews and have your job applications reviewed ● Write thesis/dissertation ● Pass dissertation defense **Minimum Coursework Required:** ● Register for *TOX:7180 Toxicology Research Seminar* for 0 hrs unless giving a seminar (1 h) ● Only select 1 hour for *TOX 7201: Toxicology Research* ● Register for 1 hour of Tox Dissertation your final semester