



Life Science Zurich Graduate School

Training in Scientific Integrity – a guideline to the course modules offered in the graduate school and its PhD programs

Imprint

Life Science Zurich Graduate School, 2020

Courses on Research Integrity and Research Ethics:	
<u>General courses organized by ETH Zurich or University of Zurich</u>	
<ul style="list-style-type: none"> • 751-1040-00L Responsible Conduct in Research, Paschke & Buchmann [D-USYS, ETH Zurich]. Date: spring term. 	1
<ul style="list-style-type: none"> • 851-0180-00L Research Ethics, Achermann [D-Biol, ETH Zurich]. Date: autumn term. 	
<ul style="list-style-type: none"> • 851-0745-00L Ethics Workshop: The Impact of Digital Life on Society, Vayena, Blasimme, Brall, Gille, Schneider, Sleigh [D-GESS, D-HEST, ETH Zurich]. Date: each term. 	2
More information:	
http://www.vorlesungsverzeichnis.ethz.ch (search for the module number).	
<u>Organized by Life Science Graduate School</u>	
<ul style="list-style-type: none"> • Ethical Issues in Genetics and Genomics, Deplazes Zemp. Date: spring term. 	1
<ul style="list-style-type: none"> • The 3Rs and the Ethics of Animal Research, Jirkof & Eggel. Date: spring and autumn term. 	
<ul style="list-style-type: none"> • ReThink3R Workshop: Design Thinking on the 3R, Lang & Behm. Date: to be announced. 	
More information:	
https://www.lifescience-graduateschool.uzh.ch/en/courses/tsc.html	
<u>Organized by PhD Programs</u>	
<ul style="list-style-type: none"> • Scientific Integrity, Slack & Fischer [included in an introductory course mandatory for all MIM (Microbiology and Immunology) PhD students]. Date: variable (once per year). 	1
<ul style="list-style-type: none"> • Ethics for Life Scientists, Leach Scully [organised for Cancer Biology students]. Date: spring term. 	1
<ul style="list-style-type: none"> • Bio 630 Research Ethics for Life Scientists, Deplazes Zemp [organized for MD PhD/MSc students]. Date: spring term. 	1

<ul style="list-style-type: none"> • The Impact of Ethics on Doing Science and Vice Versa, Hausmann, Deplazes Zemp [organized for the MLS PhD students]. Date: spring term. <p>More information: Check the curricula and website of the PhD program that you are enrolled to.</p>	<p>1</p>
<p><u>Hands-on training on good research practice:</u></p> <ul style="list-style-type: none"> • ACCESS AND BENEFIT SHARING: Research with biological material from abroad – International regulations and good research practice (CBD, ABS, IT FAO & CITES), Biber- Klemm & Martinez; Date: autumn terms, all 1.5 years. <p>More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html</p> <p>Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years.</p> <p>More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html</p> <ul style="list-style-type: none"> • Basic education in laboratory animal science for experimenters [organized by Institute of Laboratory Animal Science, University of Zurich]; Date: all year round The courses provide the basics required by law to perform animal experimentation: http://www.ltk.uzh.ch/services.html • Laboratory Safety Training is offered regularly at ETH Zurich: https://www.ethz.ch/services/en/service/safety-security-health-environment/training-and-continuing-education/course-calendar.html 	<p>1</p> <p>1</p>

<p><u>Self-learning:</u></p> <ul style="list-style-type: none">• Self-study platform: Research Integrity [offered by Graduate Campus, University of Zurich]; With certificate (but no credit points); Date: all year: http://www.grc.uzh.ch/courses/integrity_en.html	<p>0</p>
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