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

Overview on the Training in Scientific Integrity

The Life Science Zurich Graduate School offers training in scientific integrity and research ethics to all PhD students enrolled in any of the PhD programs. The training catalogue is composed by mandatory and recommended parts and can be tailored to the specialized needs of PhD students. Some of the courses are organized by LSZGS for all enrolled PhD students; some are organized specifically by a PhD program but with some open seats to PhD students of other programs. In some of the PhD programs under the umbrella of Life Science Zurich Graduate school it is mandatory to accredit 1 ECTS from one ethical training. Please check the regulations of your specific program or contact your coordinator for more details. In all other programs we highly recommend that you accredit 1 ECTS through additional ethical training from this catalogue.

Note: This catalogue does not comply the information about the ethical training that medicine students in the LSZGS PhD programs need to follow. Please contact http://www.ctc.usz.ch/forschung/gcp-kurse/Seiten/default.aspx

Module	ECTS
Mandatory:	
Introduction to Scientific Integrity [2 hours] [organised by LSZGS].	
Date: 4 times in spring and autumn term. Visit in the first year of studies	0
as soon as possible. The document of participation in this event is	
needed at the registration for the doctoral examination.	
More information:	
https://www.lifescience-graduateschool.uzh.ch/en/courses/tsc.html	
Alternatively, for ETH PhD students:	
Introductory Program for PhD students: Workshop "Research	
Integrity" for PhD students at ETH Zurich [2-3 hours]; Plattner &	0
Schulin (former and current Trusted Intermediary, respectively) will	
illustrate which research integrity issues can be of relevance during your	
doctorate and how such issues can be handled.	
More information:	
https://ethz.ch/students/en/doctorate/introductory-	
programme/Workshop.html	

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	ourses on Research Integrity and Research Ethics:	
G	onoral courses organized by ETH Zurich or University of Zurich	
<u>G</u> 6	eneral courses organized by ETH Zurich or University of Zurich	
•	751-1040-00L Responsible Conduct in Research, Paschke &	4
	Buchmann [D-USYS, ETH Zurich]. Date: spring term.	1
•	851-0180-00L Research Ethics , Achermann [D-Biol, ETH Zurich].	
	Date: autumn term.	
•	851-0745-00L Ethics Workshop: The Impact of Digital Life on	_
	Society, Vayena, Blasimme, Brall, Gille, Schneider, Sleigh [D-GESS,	2
	D-HEST, ETH Zurich]. Date: each term.	
	More information:	
	http://www.vorlesungsverzeichnis.ethz.ch (search for the module	
	number).	
<u>Or</u>	ganized by Life Science Graduate School	
•	Ethical Issues in Genetics and Genomics, Deplazes Zemp. Date:	
	spring term.	1
•	The 3Rs and the Ethics of Animal Research, Jirkof & Eggel. Date:	
	spring and autumn term.	
•	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	1
<u>Or</u>	ganized by PhD Programs	
•	Scientific Integrity, Slack & Fischer [included in an introductory	
	course mandatory for all MIM (Microbiology and Immunology) PhD	1
	students]. Date: variable (once per year).	
•	Ethics for Life Scientists, Leach Scully [organised for Cancer	
	Biology students]. Date: spring term.	1
•	Bio 630 Research Ethics for Life Scientists, Deplazes Zemp	
	[organized for MD PhD/MSc students]. Date: spring term.	1

	The Impact of Ethics on Doing Science and Vice Versa,	1
	Hausmann, Deplazes Zemp [organized for the MLS PhD students].	
	Date: spring term.	
	More information:	
	Check the curricula and website of the PhD program that you are	
	enrolled to.	
la	nds-on training on good research practice:	
•	ACCESS AND BENEFIT SHARING: Research with	
	biological material from abroad – International	
	regulations and good research practice (CBD, ABS, IT	1
	FAO & CITES), Biber- Klemm & Martinez; Date: autumn	
	terms, all 1.5 years.	
	More information:	
	https://www.plantsciences.uzh.ch/en/teaching/phdplantscien	
	https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html	
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	ce/coursecatalogue.html Scientific Integrity: How to publish reproducible results,	1
	Carret & Nørrelykke; Date: autumn terms, all 1.5 years.	1
	Ce/coursecatalogue.html Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information:	1
•	Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscien	1
	Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html	1
•	Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html Basic education in laboratory animal science for	1
•	Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html Basic education in laboratory animal science for experimenters [organized by Institute of Laboratory Animal	1
•	Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html Basic education in laboratory animal science for experimenters [organized by Institute of Laboratory Animal Science, University of Zurich]; Date: all year round	1
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	Scientific Integrity: How to publish reproducible results, Carret & Nørrelykke; Date: autumn terms, all 1.5 years. More information: https://www.plantsciences.uzh.ch/en/teaching/phdplantscience/coursecatalogue.html 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	1

Self-learning:

 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

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