

GRADUATE SCHOOL

Program

Winter Semester 25/26

Research skills and discipline-specific knowledge is only one aspect of your professional preparations. Developing and enhancing professional skills beyond your area of specialization is essential for your success at HGU and in your chosen career path.

Graduate students in all fields face an increasingly complex and rapidly changing academic environment and career search, so to make the most of the myriad of career opportunities, you must complement academic training by building professional skills based on the following core competencies:

- research & data analysis
 - writing & publishing
- presentation & teaching skills
 - career management

Planning status is October 2025 – so visit our homepage regularly for updates!

Registration for the courses is detailed in the program.

The course title indicates the course language.

Places will be allocated on a first come first served basis.

Your registration is binding.

Von-Lade-Str. 1
65366 Geisenheim

Phone +49 6722 502 6341

Building 5903 - Room 04

[www.hs-geisenheim.de/forschung/
wissenschaftlicher-nachwuchs/](http://www.hs-geisenheim.de/forschung/wissenschaftlicher-nachwuchs/)

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Make the most of your Doctorate and take a proactive role in your core competency development by selecting workshops for your best benefit. Our program is designed to help you succeed in your graduate studies and your career.

All courses are divided into four competence areas supporting you in further developing your transferable skills:

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Presentation skills are required of all students whether you are expected to give presentations at conferences and research group meetings or teaching courses.



Learn to use appropriate **research skills & analysis** methods and apply standards for responsible conduct



Developing your **writing skills** is key to success for both your dissertation and your chosen career path



Career exploration & preparation are the building blocks to every successful career, since only a minority of Doctoral students stay in academia





- 16.10.** **Melanie Hanser, Dept. of Soil Science & Plant Nutrition** - Characterization of wild plant metabolites as defenses against soil-borne phytopathogens
Priya Selvaraj, Dept. of Landscape Planning - Mapping Winter Catch Crops in Germany using Sentinel-1 SAR and Sentinel-2 Optical Time Series
- 6.11.** **Saad Zafar, Dept. of Vegetable Crops** – Potential of reused substrate as soil conditioner to improve nutrient availability and growing conditions in open field vegetable production
Doris Häge, Dept. of Food Safety – Evaluation of special cereal varieties regarding their suitability for baking and brewing
- 20.11.** **Ole Ludewig-Spickermann, Dept. of Landscape Planning** – Large-scale yield forecast for sugar beet using multispectral remote sensing data
Priya Selvaraj, Dept. of Landscape Planning - Mapping Winter Catch Crops in Germany using Sentinel-1 SAR and Sentinel-2 Optical Time Series
- 27.11.** **Julian Schladt, Dept. of Crop Protection** - Use of herbivore-induced plant volatiles (HIPVs) to increase the attractiveness of flower strips for beneficial insects in rows of vines
Kai Heilemann, Dept. of Viticulture - Studies on the conditions of origin, causes and preventive management strategies against sunburn in grapes
- 4.12.** **Lisa Schwarz, Dept. of Crop Protection** – Effects of a mixed crop of wheat with spice plants on arthropod diversity and biological pest control
Lukas Fichtl, Dept. of Viticulture – Grapevine rootstocks for sustainable winegrowing systems
- 8.1.26** **Marcel Christ, Dept. of Applied Ecology** - True Cost Accounting of Viti-PV systems
Eva Therhaag – Dept. of Crop Protection - Studies on the behaviour biology of *Pentastiridius leporinus* as a vector of 'Candidatus *Phytoplasma solani*' and 'Candidatus *Arsenophonus phytopathogenicus*' in potato
- 22.1.26** **Max Marczak, Dept. of Pomology** - The influence of water balance on carbon flow into fruits
Caroline Gilcher, Dept. of Beverage Research – Investigations into functional constituents of citrus fruits and derived products as well as their metabolization in humans
- 5.2.26** **Dennis Rauhöft, Dept. of Viticulture** - Impact of organic viticulture on ecological and economic sustainability: Assessment of viticultural management systems
Mohamed Mosalam, Dept. of Plant Breeding - Optimizing predictive methods for hybrid breeding in sorghum
- 12.2.26** **Brenda Valenzuela Aragon, Dept. of Soil Science & Plant Nutrition** - Arbuscular Mycorrhizal Fungi as a Sustainable Enhancement of Vine Fitness in a Changing Climate
Alexander Peters, Dept. of Landscaping & Vegetation Technology - Framework conditions, processes, and structures for the introduction of Building Information Modeling (BIM) in landscape architecture

SCIENTIFIC INTEGRITY

At Hochschule Geisenheim we are required and actively committed to the prevention of research misconduct as well as to working arte legis. That's why Graduate School offers workshops on scientific integrity on a regular basis. You should consciously explore the rules of responsible conduct of research from the very beginning of your research endeavors and writing process eliminating any possibility of misconduct in dealing with data and references ensuring your work to be impeccable.

SCIENTIFIC WRITING TUTORIALS



The ability to write well in a variety of genres to different audiences from seminar papers and grant proposals to dissertations and research publications will be key to success and to your career. For the attendance of the tutorials please join us on Greenlight.

Lecturer: Dr. Markus Elsner

<https://vc-green.hs-gm.de/b/dan-ygh-d3n-2jc>

TEACHING SKILLS



Numerous sources are available to obtain and grow the teaching skills you need to thrive as an educator. For those interested in teaching-related careers, developing teaching skills has obvious value, but if you plan to pursue jobs outside of academia, instructional techniques can also help cultivate important skills such as oral communication, active listening and problem solving. Please check with the E-learning team of HGU or log in directly to ILIAS with your HSGM account.

https://ilias.hs-gm.de/ilias.php?baseClass=ilrepositorygui&ref_id=5762

LITERATURE MANAGEMENT

The literature management program **CITAVI** is available as an ILIAS course unit via the library. CITAVI helps with all that's necessary for scientific literature work: from research to knowledge organization, task planning and creating the bibliography.

Work through the CITAVI course by yourself and go into more detail making a personal appointment at the library.

www.hs-geisenheim.de/bibliothek/citavi/

RESEARCH DATA MANAGEMENT



Digital research data is a special knowledge resource that ensures the traceability of research results whilst leading to new insights, e.g. if reused by other researchers. Active data management also offers advantages in everyday research, beginning with the sorting and backup of the data in the working group. Self-learning units on research data management are available on ILIAS at HGU:

https://ilias.hs-gm.de/goto.php?target=lm_13364&client_id=iliasprod

Don't miss the current events of HeFDI Data School in this program!



CAREER ORIENTATION & EXPLORATION



Graduate School strongly supports your career development especially in light of the increasing differentiation on the academic job market and its changing career perspectives. Look for the the Human Resources Department's curriculum in this program including e.g. development of presentation skills, team development, basic business skills as well as self-assessment coachings.

ACADEMIC WRITING

The English you learned at school is not sufficient for writing a dissertation or publishing articles in international journals – key challenge is writing a clear, precise and readable text that sounds like it has been written by a native speaker.

The objective of this workshop is to improve your ability to produce clear, concise and readable scientific manuscripts. You will leave the workshop with useful tips on how to improve the style of your writing and a greater awareness of your own strengths and weaknesses.

22 + 29.10.2025 ✨ 9 am – 2 pm

online

(2 sessions = 1 compulsory module credit)

Teachers training Tools for research

Research integrity in scientific professions

Ref. 28007

université de BORDEAUX

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2 course runs are currently open for this course

Choose now

The MOOC "Research Integrity in Research Professions" is a free and open training course for anyone who wonders what integrity and responsible research is.

📅 Duration: 5 weeks ⌚ Effort: 15 hours 🔄 Pace: Self paced

🌐 Languages: English and french

Join here: <https://www.fun-mooc.fr/en/courses/research-integrity-scientific-professions/>

To validate this training, you must obtain at least 80% of correct answers for a certificate.

(after submission of certificate = 1 compulsory module credit)

WORKSHOPS

(Title & description indicate course language)

DATA ANALYSIS WITH R

Prof. Dr. Kai Velten, Hochschule Geisenheim



The workshop is based on the new "Crash Course R" (Velten /Kahlen / Schmidt, 2024) .

Part 1 provides the basics of R (e.g. Excel data import, simple analysis operations etc.) and introduces an effective workflow implementing the "reproducible research"-paradigm in R Markdown.

Part 2 treats advanced topics like programming, interactive plots, dashboards etc.

Course language: English or German depending on the participants

20. & 27.2.2026 * 2 – 6 pm

HS 8

(1 elective module credit)

ROSETTA STONE APP

LEARNING LANGUAGES WHEN, AND WHERE EVER YOU WANT!!



Through our cooperation with the leading international online language provider Rosetta Stone, everyone at HGU can now benefit from the advantages of digital language learning. Language courses for beginners to advanced A0-C1 level / 24 languages with one access!

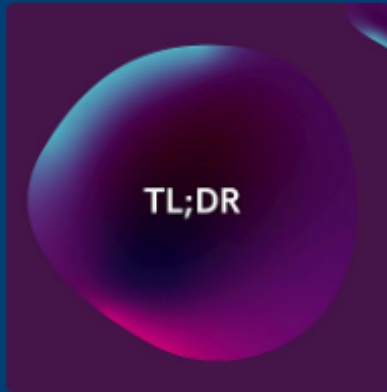
Contact the library to sign up:

<https://www.hs-geisenheim.de/bibliothek/>



WORKSHOPS

(Title & description indicate course language)



TL;DR - Convey topics briefly and concisely

Angeboten von:	Prof. Dr. Sandra Niedermeier, Prof. Dr. Katrin Winkler
Anbietende Hochschule:	HAW Kempten
Kurssprache:	Englisch
Wissensgebiet:	Schlüsselqualifikationen
Durchschnittliche Bearbeitungszeit:	10 Stunden
Bildnachweis:	Canva Premium

The flood of information in the digital age lead decreasing attention span which makes purposeful, concise communication and information transfer necessary. This in turn means that information has to be conveyed more and more concisely in order to reach people – one of the many hallmarks of digitization.

Key elements to achieve this are reduction to the essentials and needs-oriented communication with "why" messages. The abbreviation tl;dr (too long; didn't read) is increasingly being used to help information seekers on the internet. This indicates, for example, a long or detailed article and is usually followed by a concise summary that sums up the key aspects of the text for readers with little time. This abbreviation is also used, for example, in forums to signal to authors that their explanations are too verbose, i. e. that the invested reading time is not worthwhile – and thus indirectly or directly asks for a summary.

This course is designed to help people interested in writing inspiring and concise content that can do without tl;dr. The medium (blog posts, articles, posts, presentations, videos, etc.) ist less important than the way the information is presented. After all, would'nt you like to inspire people with the right communication in just a few sentences?

online / anytime

(1 elective module credit upon presentation of certificate)

<https://open.vhb.org/blocks/occoursemetaselect/detailpage.php?id=306>



Basismodul

Einführung ins Forschungsdatenmanagement (FDM)

15. Oktober 2025 | 10:00 Uhr - 11:30 Uhr

Tauchen Sie ein in die Welt des Forschungsdatenmanagements mit der HeFDI Data School! Unser Einführungskurs vermittelt entscheidende Grundlagen, um Ihre wissenschaftliche Arbeit effizienter und nachhaltiger zu gestalten. Entdecken Sie, wie Sie durch kluges Datenmanagement die Qualität, Auffindbarkeit und Nachnutzbarkeit Ihrer Forschungsdaten maximieren können. Werden Sie Teil einer Bewegung hin zu mehr Transparenz und Integrität in der Wissenschaft!



Basismodul

Umgang mit personenbezogenen Forschungsdaten: Praktisches Vorgehen

22. Oktober 2025 | 10:00 Uhr - 11:30 Uhr

Entdecken Sie, wie Sie rechtliche und ethische Standards beim Umgang mit personenbezogenen Forschungsdaten sicher einhalten können. Dieser Kurs bietet Ihnen praxisnahe Lösungen von der DSGVO über die Einholung informierter Einwilligungen bis zur Anonymisierung und Erstellung von Datennutzungsvereinbarungen. Erwerben Sie die Kompetenzen, um Ihre Forschung rechtskonform und verantwortungsvoll zu gestalten!



Basismodul

Datenmanagementpläne: Effektive Planung und Umsetzung

29. Oktober 2025 | 10:00 Uhr - 11:30 Uhr

Gut geplant ist halb gewonnen! Ein Datenmanagementplan (DMP) beschreibt den Umgang mit Forschungsdaten während und nach einem Projekt und dient als lebendes Dokument, das im Projektverlauf angepasst wird. Es hilft nicht nur, Vorgaben der Forschungsförderer zu erfüllen, sondern optimiert auch die Arbeitsweise und Zusammenarbeit. Lernen Sie, wie ein DMP Ihre Forschungsprojekte strukturiert und Ihre Daten effizient verwaltet!



Basismodul

Datenorganisation und -dokumentation: Effizienz und Nachvollziehbarkeit steigern

5. November 2025 | 10:00 Uhr - 11:30 Uhr

Wer dokumentiert, hat's kapiert! Ob für die Nachnutzung Ihrer Daten, die Zusammenarbeit im Team oder zur eigenen Orientierung – eine exzellente Organisation und Dokumentation Ihrer Forschungsdaten ist unerlässlich. Erlernen Sie in diesem Kurs verschiedene Tools und Techniken, um Ihre Daten effektiv zu verwalten und nachvollziehbar zu machen, inklusive Einblicke in Metadaten und Versionierung.

Basismodul

Urheberrecht & Nutzungsrechte bei Forschungsdaten: Rechtssicherheit und Offenheit gewährleisten

12. November 2025 | 10:00 Uhr - 11:30 Uhr

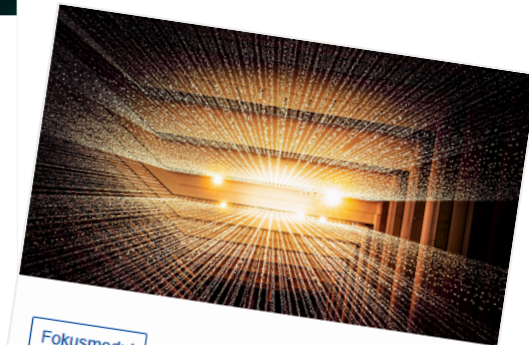
Verstehen Sie die urheberrechtliche Lage rund um Forschungsdaten und wie Sie Offenheit bei deren Publikation erreichen können. Erfahren Sie, wann und wie die Lizenzierung mit Creative-Commons-Lizenzen sinnvoll ist. Zudem erhalten Sie Einblicke in aktuelle rechtliche Fragen zur Nutzung generativer KI in der Forschung.

Basismodul

Datenveröffentlichung und Archivierung: Machen Sie mehr aus Ihren Forschungsdaten

19. November 2025 | 10:00 Uhr - 11:30 Uhr

Daten sind das neue Gold – oder sogar noch wertvoller? Damit andere von Ihren Forschungsdaten profitieren können, müssen sie bekannt gemacht werden! In diesem Modul erfahren Sie, was Sie mit Ihren Daten auch nach Projektende noch bewirken können. Lernen Sie, wie Sie Daten effektiv veröffentlichen und archivieren, um deren Wert zu maximieren.



Fokusmodul



Einführung in Galaxy, die Open-Source-Plattform zur FAIRen Datenanalyse

3. Dezember 2025 | 10:00 Uhr - 11:30 Uhr

Ein Einstieg in gutes Forschungsdatenmanagement (FDM) ist schwer - aber was, wenn FDM ein "Nebenprodukt" der Analyse wird und für Forschende die Einstiegshürde sowohl in digitale Analysen als auch faires FDM gesenkt wird? Dann ist vielleicht die Open-Source-Plattform Galaxy im Spiel.

(per 3 modules = 1 elective module credit upon presentation of participation certificate)

September

3.9. 1 -2 pm	Sprachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
25.9. 9 am – 4.30 pm	SICHERES PRÄSENTIEREN WORKSHOP		Campus - tba	Personalentwicklung HGU: Webseite
<i>Partner Events (Promotionsplattform)</i>				
2. – 4.9. 9 am – 1.15 pm	Schreibwerkstatt – Eine Dissertation Schritt für Schritt schreiben WORKSHOP		online	<i>registration fee / deadline 18.8.2025</i> via mara.gsw@uni-marburg.de
ANYTIME	TL; CR - CONVEY TOPICS BRIEFLY AND CONCISELY ONLINE WORKSHOP		Open VHB	FREE https://open.vhb.org/blocks/ occoursemetaselect/ detailpage.php?id=306

October

title & description indicate course language

1.10. 9 am – 4.30 pm	Besprechungen erfolgreich moderieren WORKSHOP		Campus - tba	Personalentwicklung HGU: Ilias
7.10. 1 - 2 pm	Sprachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
14.10. 1 - 2 pm	Social Media-Beiträge mit Hilfe von KI erstellen		KI-CONNECT	https://bbb-srv.hs-gm.de/rooms/wpw-Itl-tu6-qaw/join
15.10. 10 – 11.30 am	Einführung ins Forschungsdatenmanagement (FDM) WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/einfuehrung-fdm/
16.10. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	
20.10. 2 – 3 pm	SCIENTIFIC WRITING TUTORIAL (FIGURES)		online	via Greenlight: https://vc-green.hs-gm.de/b/dan-ygh-d3n-2jc
22.10. 10 – 11.30 am	Umgang mit Forschungsdaten WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/recht-datenschutz/
22.+ 29.10. 9 am – 11.30 am	Academic Writing WORKSHOP		online	for registration send an email to: susanne.daniel@hs-gm.de
29.10. 10 – 11.30 am	Datenmanagementpläne: Planung & Umsetzung WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/datenmanagementplane/

PFLICHTMODUL / COMPULSORY MODULE

AUSGEBUCHT

Partner Events (Promotionsplattform)

21. + 22.10. 9 am – 5 pm 9 am – 1 pm	Gute wissenschaftliche Praxis WORKSHOP		online	registration fee / deadline 6.10.2025 via maragsw@uni-marburg.de
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November

title & description indicate course language

4.11. 1 - 2 pm	Sprachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
5.11. 10 – 11.30 am	Datenorganisation und -dokumentation WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/datenorganisation-dokumentation/
6.11. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	
12.11. 10 – 11.30 am	Urheberrecht & Nutzungsrechte bei Forschungsdaten WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/urheber-nutzungsrechte/
17.11. 2 – 3 pm	SCIENTIFIC WRITING TUTORIAL (THE INTRODUCTION)		online	via Greenlight: https://vc-green.hs-gm.de/b/dan-ygh-d3n-2jc
19.11. 10 – 11.30 am	Datenveröffentlichung & Archivierung WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/publikation-archivierung/
20.11. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	
27.11. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	

Partner Events (Promotionsplattform)

4.11. 10 am – 5 pm	Stimmlich überzeugen! – Stimm- und Sprechtraining für Wissenschaftler*innen WORKSHOP	Uni Marburg, MARA, F 05,	registration fee deadline 20.10.2025 via mara.gsw@uni-marburg.de
13.+14.11. 9 am – 3.30 pm	How to Design Scientific Figures WORKSHOP	online	registration fee deadline 29.10.2025 via mara.gsw@uni-marburg.de
27.+28.11. 9 am – 4 pm	Writing Lab – Writing Scientific Publications in the Life and Natural Sciences WORKSHOP	online	registration fee deadline 12.11.2025 via mara.gsw@uni-marburg.de

December

title & description indicate course language

2.12. 1 -2 pm	Sprachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
3.11. 10 – 11.30 am	Einführung in Galaxy, die Open-Source Plattform zur FAIRen Datenanalyse WORKSHOP		HEFDI DATA SCHOOL online	registration link: https://dataschool.hefdi.de/module/galaxy-europe/
4.12. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	

Partner Events (Promotionsplattform)

3.+4.12. 9 am – 4.30 pm	Projektmanagement mit Lean Six Sigma WORKSHOP		MARA, F 05, Deuschhausstraße 11+13, Seminarraum 01.0010	registration fee / deadline 18.11.2025 via mara.gsw@uni-marburg.de
ANYTIME	CONVEY TOPICS BRIEFLY AND CONCISELY ONLINE WORKSHOP		Open VHB	FREE https://open.vhb.org/blocks/occoursemetaselect/detailpage.php?id=306

January

title & description indicate course language






6.1. 1 -2 pm	Sprachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
8.1. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	
22.1. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	

Partner Events (Promotionsplattform)

30.1. 9 am – 3.15 pm	Effektiv sichtbar werden – Online-Strategien für Wissenschaftler*innen mit LinkedIn und ResearchGate WORKSHOP		online	registration fee / deadline 15.1.2026 via mara.gsw@uni-marburg.de
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February

title & description indicate course language





3.2. 1 - 2 pm	Srachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
5.2. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	
12.2. 4 – 5 pm	PhD Presentations LECTURE SERIES		HS 8	
20. & 27.2. 2 - 6 pm	Introduction to Data Analysis with R WORKSHOP		HS 8	registration via email susanne.daniel@hs-gm.de
27.2. 9 am – 12 pm	Richtige Kommunikation in der digitalen Welt WORKSHOP		online	registration via https://ilias.hs-gm.de

Partner Events (Promotionsplattform)

5. + 6.2. 9 am – 1 pm	Familie UND wissenschaftliche Karriere vereinbaren WORKSHOP		online	registration fee / deadline 21.1.2026 via mara.gsw@uni-marburg.de
10.2. 9 am – 4 pm	Einführung in die angewandte Statistik WORKSHOP		MARA, F105, Deutschhausstraße 11+13, 01.0010	registration fee / deadline 26.1.2026 via mara.gsw@uni-marburg.de
19. + 20.2. 9 am – 12 pm	EMF – Decision Making for (future) Team Leaders		online	registration fee / deadline 5.2.2026 via mara.gsw@uni-marburg.de

March

title & description indicate course language

3.3. 1 -2 pm	Srachtreff / Language Exchange English, French, Italian / German FOR ALL LEVELS		CoLab – new lecture hall building	no registration necessary
5.3. 9 am- 4.30 pm	PowerPoint Basis (deutsch) WORKSHOP		HS 8	registration via https://ilias.hs-gm.de
9.3. 2 – 3 pm	NEW SCIENTIFIC WRITING TUTORIAL (THE REVIEW PROCESS)		online	via Greenlight: https://vc-green.hs-gm.de/b/dan-gbm-gse-5z3
18.+19.3. 9 am- 4.30 pm	Wirksame Gestaltung von Besprechungen, Workshops und Projekt-& Arbeitsgruppen WORKSHOP		tba	registration via https://ilias.hs-gm.de
30.3. 2 – 3 pm	SCIENTIFIC WRITING TUTORIAL (GENERAL WRITING ADVICE)		online	via Greenlight: https://vc-green.hs-gm.de/b/dan-gbm-gse-5z3

Partner Events (Promotionsplattform)

3. + 10.3. 9 am – 5 pm	Graphical Abstracts – Visualizing Science! WORKSHOP		online	registration fee deadline 16.2.2026 via mara.gsw@uni-marburg.de
11. + 12.3. 9.30 am – 4.15 pm	Good Scientific Practice – Protecting Research Integrity WORKSHOP		online	registration fee deadline 24.2.2026 via mara.gsw@uni-marburg.de
19. + 27.3.	Get That Job After Your Doctorate! – Applying & Interviewing for Positions in Industry and Research WORKSHOP		online	registration fee deadline 4.3.2026 via mara.gsw@uni-marburg.de