

Übersicht über das Weiterbildungsprogramm 2027 + 2028 des Center for Doctoral Studies Lübeck (CDSL) der Universität zu Lübeck						
Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C002	Ethik in der Wissenschaft - Einführung [DEU/ENG]	o/p	• Einführung in die wichtigsten Ansätze der Wissenschaftsethik • Gesellschaftliche und kulturelle Kontexte • Schlüsselbegriffe der praktischen Philosophie • Ethische Fragen in den Lebenswissenschaften / Medizin • Aktuelle Fälle und Probleme Umfang: 1 halber Tag Zielgruppe: Promovierende aus den Bereichen MINT und Medizin Workshop design: interaktiv Kursformat: Online / Präsenz alternierend Kursprache: Deutsch / Englisch alternierend	0,5	2	2
C003	Steuertipps für Promovierende [DEU]	o	Einstieg in die Welt der Steuererklärung. Nützliche Informationen und praktische Tipps über steuerliche Absetzbarkeit der Aufwendungen für Studium und Promotion. Umfang: 1 Tag Zielgruppe: Promovierende aus den Bereichen MINT und Medizin Workshop design: interaktiv Kursformat: Online Kursprache: Deutsch	1	1	1
C004	Good Scientific Practice for Doctoral Researchers [ENG]	o/p	Overview of the principles of good scientific practice and protection of research integrity, specifically: • Fundamentals of scientific work • Definitions of good scientific practice • Degrees and extent of scientific misconduct • Examples of responsible and irresponsible conduct of research • Data management • Cooperation and leadership responsibility in working groups • Authorship and the process of publication • Mentoring and supervision • Conflict management: how to deal with scientific misconduct • Local, national and international guidelines Time frame: 2 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: Online / on-site alternating Language of instruction: English	2	2	2

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C005	Time and Project Management for Doctoral Researchers [ENG]	p	Basics of project management, work organization, personal time management and prioritization for projects and doctoral dissertations. Time frame: 1 day Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: on-site Language of instruction: English	1	1	1
C006	Project Management - Introduction for Doctoral Researchers [ENG]	p	Overview of the project management process in business organizations: • Initiation / definition: project goals, stakeholders project assignment, risks. • Planning / structuring: appointments, resources, costs, communication, milestones, network planning technique, structure plans • Implementation / monitoring: project controlling, reporting, corrective actions • Project closure Time frame: 1 day Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: on-site Language of instruction: English	1	1	1
C008	Applying for Professorships [ENG]	o	Preparation for the application process: • Qualifications for a professorship • Application documents • Preparation for selection interview, application presentation and demonstration lecture Time frame: 2 days Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive (Video + Small group sessions + Individual sessions) Course format: online Language of instruction: English	2	0	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C009	Planning and Optimizing your Academic Career [ENG]	o	Strategic considerations on: • Research / academic profile • Publications • Third-party funding • Teaching • Scientific network and communication • Habilitation • Supervision • Committee work • Leadership Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	0	1
C011	Biostatistics I - Basics [ENG]	o	Refresh basic statistical knowledge: • Essential concepts (e.g., descriptive statistics, distributions, explaining variance, standard errors, etc.) • The rationale behind hypothesis testing (and common misconceptions) • Standard methods like t-Tests, ANOVA and Chi-squared tests • Regression and the GLM Time frame: 2 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	2	1	1
C012	Biostatistics II - Practical Issues and Solutions [ENG]	o	Strategies and methods for solving typical problems in practice: • Choice of methods • Power analysis and sample size calculation • Good practice, common problems, and frequent misconceptions • Regression modelling and resampling-methods as “all-purpose weapons” • Interpreting p-values, Bayes Factors and effect sizes Time frame: 2 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	2	1	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C013	Statistik-Vertiefung I - Logistic Regression [ENG]	o	Logistic regression: • Theoretical foundations • Practical applications Time frame: 0,5 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	0,5	1	1
C014	Statistik-Vertiefung II - Factor Analysis and Principal Component Analysis [ENG]	o	Logistic regression: • Theoretical foundations • Practical applications Time frame: 0,5 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	0,5	1	1
C015	Statistik-Vertiefung III - Structural Equation Modelling [ENG]	o	Structural Equation Modelling: • Theoretical foundations • Practical applications Time frame: 1 day Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	1	1
C016	Statistik-Vertiefung IV - Introduction to Artificial Neural Networks [ENG]	o	Artificial Neural Networks: • Theoretical foundations • Practical applications Time frame: 1 day Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	1	1
C017	Scientific Writing: Project Proposals [ENG]	o	• Components and structure of project proposals • Different funding bodies • Strategies • Good scientific writing • Scientific CV • Time planning Time frame: 2 days Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	2	1	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C018	Gute Wissenschaftliche Praxis [DEU/ENG]	o	• Regeln der Guten Wissenschaftlichen Praxis • Gute wissenschaftliche Praxis in der Promotion • Historische Fälle und was man aus ihnen lernen kann • Plagiate, richtig zitieren Umfang: 1 Tag Zielgruppe: Promovierende aus den Bereichen MINT und Medizin Kursdesign: interaktiv Course format: online Kurssprache: Deutsch/Englisch	1	7	7
C021	Self-Marketing and Networking [ENG]	o	Self-marketing and networking; presentation, communication and the own appearance in social media Time frame: 2 days Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	2	1	0
C026	Ethics in Science - Research on Humans [ENG]	o	• Introduction to ethical challenges related to research on humans • Train analysis and discourse skills Time frame: 1,5 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1,5	1	0
C028	University Career and Alternative Career Paths [ENG]	o/p	• Overview of career opportunities for academics inside and outside of academia • Define one's desires and strengths and one's own market value Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: on-site / online alternating Language of instruction: English	1	1	1
C029	Intercultural Communication [ENG]	p	• Intercultural communication situations • Culture and communication • Theoretical models • Practical strategies Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interaktiv Course format: on-site Language of instruction: English	1	0	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C030	Career Networking [ENG]	o	• Targeted networking in the scientific environment • Building and maintaining your own network for exchange, inspiration, collaborations and dream jobs • Successful offline networking (events, etc.) • Successful online networking (social media platforms) Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	0	1
C032	Building Your Own Research Team [ENG]	o	• Necessary leadership skills; self- and team management • Finding the right funding pool; funding in Germany, Europe and worldwide • Significance for strategic career planning Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	1	1
C033	Intellectual Property in Life Sciences and Medicine [ENG]	p	• Overview of industrial property rights, especially in the field of life sciences and medicine • Benefits as well as advantages and disadvantages of different protection strategies Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: on-site Language of instruction: English	1	1	0

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C036	Mental Health for Doctoral Researchers [ENG]	o	Maintain and improve health and well-being during the doctoral phase by considering the following aspects, among others: • Inner critic & Perfectionism • The research behind resilience and mindset, • Normalizing, discussing, and learning from failures • Using your strengths to help you be more resilient • Cognitive strategies Time frame: 1 day Target audience: Doctoral researchers from the fields of STEM and medicine Course format: online Workshop design: interactive Language of instruction: English	1	2	2
C038	Introduction to Python for scientists [ENG]	o	• Overview Python • Data management • Pandas and other Python libraries • Practical exercises Time frame: 2 days Target audience: Doctoral researchers and Postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	2	1	1
C040	Supervision of Doctoral Researchers [ENG]	o	• Supervisory relationship: expectations and roles • Recruitment and selection of doctoral researchers • Dealing with challenging situations Time frame: 1 day Target audience: Postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	1	1
C041	Wissenschaftliches Schreiben: Dissertationsschrift - für Promovierende der Medizin [DEU]	o	• Aufbau und Struktur von medizinischen Dissertationsschriften • Schreibprozess und Literaturarbeit • Wissenschaftliche Sprache und Stilistik • Zeit- und Ressourcenmanagement Umfang: 1 Tag Zielgruppe: Promovierende der Medizin Kursdesign: interaktiv Kursformat: online Kurssprache: Deutsch	1	6	6

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C042	Science communication [ENG]	o/p	• Motives to communicate research results • Target audience • Communication channels / Media • Data visualization Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: on-site/online Language of instruction: English	1	1	1
C043	Leadership [ENG]	o	• What makes a good leader? • Leadership in an academic environment • Supervision of doctoral students as a first leadership task Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	1	1
C046	Scientific Writing: Manuscripts [ENG]	o	• Strategies for writing manuscripts in STEM and medicine • Process, components and structure of scientific papers • Designing figures, graphs and tables • Organizing material • Effective use of language (diction, punctuation, transitions...) • Principles of writing readable texts in English • Editing Time frame: 2 days Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	2	1	1
C047	Thesis Writing for doctoral researchers in the STEM (MINT) sections [ENG]	o	• Writing process & productivity; how to organize the thesis-writing process • Thesis structure; macro- and micro-structure, especially introduction and discussion, monograph vs. cumulative thesis • Clear & compelling scientific texts Time frame: 2 days Target audience: Doctoral researchers from the fields of STEM (MINT) sections Workshop design: interactive Course format: online Language of instruction: English	2	1	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C050	Ethische Entscheidungsfindung [DEU]	p	• Tatsachen, Normen und der moralische Blick • Moralische Fragen erkennen – in Forschung, Beruf, Politik und Leben • Methodik der ethischen Entscheidungsfindung (mit zahlreichen Übungen) • Mit ethischer Vielfalt umgehen – Weltanschauungen und Werte-Familien • Ausblick auf philosophische Ethiktheorien und spezialisierte Arbeitsbereiche der Angewandten Ethik Umfang: 1 Tag Zielgruppe: Promovierende und Postdocs aus den Bereichen MINT und Medizin Kursdesign: interaktiv Kursformat: Präsenz Kurssprache: Deutsch	1	1	1
C051	Artificial intelligence for academia [ENG]	o	• Overview of core concepts and technologies and the likely development • Introduction to state-of-the art AI applications for researchers such as ChatGPT, Google Gemini, Poe, Claude • Designing effective prompts • Practical application of AI to support working on participants' papers or chapters, • Critical reflection of selected legal issues, advantages and limitations of using AI Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1	1	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C052	Word für Promovierende der Medizin [DEU]	o	• Navigieren in großen Dokumenten - besondere Suchfunktionen • Die korrekte Arbeit mit Überschrift Formatvorlagen • Formatvorlagen für gleichförmige Formatierungen erstellen • Die geniale Gliederungsansicht - mit Gliederungsebenen arbeiten • Einbinden von Bildern und Diagrammen • Verzeichnisse (z.B. Inhaltsverzeichnis oder Abbildungsverzeichnis) automatisch erstellen und aktualisieren • Mit unterschiedlichen Abschnitten arbeiten • Unterschiedliche Kopf- und Fußzeilen verwenden • Seitenzahlen korrekt formatieren • Tipps und Tricks und Beantwortung Ihrer Fragen Umfang: 2 halbe Tage Zielgruppe: Promovierende der Medizin Kursdesign: interaktiv Kursformat: online Kurssprache: Deutsch	2 x 0,5	3	3
C053	Excel für Promovierende der Medizin [DEU]	o	• Wichtige Grundlagen zur Erstellung von Listen • Spalten korrekt anlegen / Zahlen und Texte richtig formatieren • Die Datenprüfung zur Vermeidung fehlerhafter Angaben einrichten • Die Eingabe von Daten mit Pull-Down Menüs vereinfachen • Einfache Auswertungen mit der Ergebniszeile und dem Tabellenformat • Auswertungen in Form von „Dashboards“ mit Listenfunktionen wie SUMMEWENNS, ZÄHLENWENNS, MITTELWERTWENNS und Weitere • Der Einsatz von PIVOT-Tabellen mit genialen Auswertungs- und Zusammenfassungsoptionen • Erstellung von Diagrammen zur Visualisierung der Datenauswertung • Tipps und Tricks und Beantwortung Ihrer Fragen Umfang: 2 halbe Tage Zielgruppe: Promovierende der Medizin Kursdesign: interaktiv Kursformat: online Kurssprache: Deutsch	2 x 0,5	3	3

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C054	Power Point für Promovierende der Medizin [DEU]	o	• Folienmaster und Folienlayout – Vorlagen korrekt nutzen • Folien gestalten – Bilder, Diagramme usw. • Folienübergänge und Animationen sinnvoll einsetzen • Der Präsentationsmodus • Geniale Tipps und Tricks für die Präsentation Umfang: 2 halbe Tage Zielgruppe: Promovierende der Medizin Kursdesign: interaktiv Kursformat: online Kurssprache: Deutsch	2 x 0,5	1	1
C060	Trustworthiness of Science [ENG]	o	• Reflection of truth, truthfulness, and trustworthiness as basis of science • Diagnosis of how scientific practices and institutions sustain or undermine trustworthiness • Application of the virtues to evaluate research (design, analysis, reporting) • Proposition of concrete lab- and field-level measures to strengthen scientific trustworthiness • Communication of uncertainty responsibly to different audiences Time frame: 1,5 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1,5	1	1
C062	Good Scientific Practice for PostDocs [ENG]	p	• Good scientific practice, research misconduct and underlying local, national, and international regulations • Good practice and misconduct in documenting the research process, dealing with data, and in the publishing process • Supervision as a tool for ensuring good practice and protecting research integrity • Responsibility and accountability in science • Dealing with scientific misconduct Time frame: 2 days Target audience: Postdocs from the fields of STEM and medicine Workshop design: interactive Course format: on-site Language of instruction: English	2	1	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C063	Applying Outside Academia [ENG]	o	• Active and passive search strategies • Analyzing job advertisements • Job profiles and possible entry-level positions • Content and design of application documents • Preparation and procedure of a job interview • Procedure in salary negotiations • Answering typical personnel questions • Research and calculation of the starting salary Time frame: 1,5 days Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1,5	1	1
C064	Introduction to research data management [ENG]	o/p	• Necessity of data organization • Data management plan and data life cycle • Documentation methods • Data backup / archiving • Research ethics • Data privacy / protection • etc. Time frame: 1 day Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: Online / on-site Language of instruction: English	1	1	1
C065	LinkedIn for Scientists [ENG]	o/p	• Herausarbeiten der Spezifika von LinkedIn im Vergleich zu anderen Plattformen • Zielgruppengerechte LinkedIn-Strategie und Content-Ideen für regelmäßige LinkedIn-Beiträge & Kommunikation von Forschungsergebnissen • Systematische Verknüpfung mit vorhandenem LinkedIn-Content (Gruppen, Hashtags u.a.) und mit weiteren Online-Auftritten • Spezifischer Schreibstil Time frame: 0,5 days Target audience: Doctoral researchers and postdocs from the fields of STEM and medicine Workshop design: interactive Course format: Online / on-site Language of instruction: English	0,5	1	1
C067	Ethik: KI + Big Data [ENG]	o	• Introduction to ethical challenges related to artificial intelligence (AI) and Big Data • Train analysis and discourse skills Time frame: 1,5 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1,5	1	1

Absolute Nr.	Generischer Titel	Format	Inhalt	Zeitlicher Umfang (Tage)	Kurse in 2027	Kurse in 2028
C068	Ethik: Mensch + Tier [ENG]	o	• Introduction to ethical challenges related to research on humans and the handling of animals • Train analysis and discourse skills Time frame: 1,5 days Target audience: Doctoral researchers from the fields of STEM and medicine Workshop design: interactive Course format: online Language of instruction: English	1,5	0	1