

Annex to the Curriculum

Explanation of possible training topics within the framework of the accompanying scientific curriculum/qualification program

For Clinician Scientist, Medical Scientist, Medical Data Scientist Program

For Rahel Goitein-Straus Program and Olympia Morata Program

The training areas mentioned here provide an overview of possible topics. It is also possible to attend other external measures. The respective selection committee decides in advance of participation whether respective courses can be credited. It is therefore essential to contact the [Dean's Office for Research](#) well before the event.

The Dean's Office for Research offers specific courses in selected areas. A current overview is available on the corresponding [website](#).

According to the application guidelines, completion of at least 30 half days over the duration of the program, including compulsory modules, is required for the Clinician Scientist Program, Medical Scientist Program, and Medical Data Scientist Program. In the Olympia Morata Program and Rahel Goitein-Straus Program, 2 curricular events per year are required. Details can be found in the curricula of the individual [programs](#).

Possible Topics

| Subject area | Potential providers |
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| Good Scientific Practice | If interested, please contact the Dean's Office for Research, courses can be organized |
| Research Data Management Keywords: data protection and data security, data analysis, open science and open data, FAIR principles | Heidelberg University Library Training and learning opportunities in information research and information management Link University Library MII Academy Online courses on the use of routine medical data for research projects Registration with Uni-ID Link MII Academy |
| Transfer Entrepreneurship, Patents & Commercialization, Start-ups | hei_INNOVATION Start-ups and Technology Transfer Link hei_INNOVATION |

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| | <p>ScienceValue Heidelberg Support for Innovation Processes for Inventions Link SVH</p> <p>Heidelberg University Entrepreneurial Skills Training, Individual Modules, Certificate Link Entrepreneurial Skills</p> |
| <p>Medical Data Science Medical Information Systems, Research Data Management, Medical Bioinformatics, Medical Image and Signal Processing, Biostatistics, Machine Learning, Methods of Medical Data Science, Biometrics</p> | <p>Institute for Medical Informatics Modules within the teaching program for Human Medicine and Medical Informatics For advice, please contact Petra.Knaup@med.uni-heidelberg.de. If required, additional courses can be identified. Link IMI</p> <p>Institute for Medical Biometrics Introductory courses in statistics; journal clubs for critical reading of scientific articles; lecture on concepts, opportunities, and risks of clinical prediction models Link IMB</p> |
| <p>Presentation Techniques</p> | <p>heiSKILLS Heidelberg University Additionally, courses on many other key qualifications Please inquire whether participation from the Heidelberg Faculty of Medicine (MFHD) is possible. Link heiSKILLS</p> |
| <p>Ethics</p> | <p>Institute for History and Ethics of Medicine Modules within the teaching program Link Medizinethik</p> |
| <p>Compliance</p> | <p>Compliance Unit UKHD Currently no offerings, if interested, please contact the Dean's Office for Research Link Compliance</p> |
| <p>Third-party funding applications and exploring new funding opportunities</p> | <p>Dean's Office for Research MFHD For specific topics as well as general interest, you are welcome to contact the Dean's Office for Research.</p> |

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| | Link external research funding MFHD |
| Grant writing | <p>heiSKILLS Heidelberg University</p> <p>Please inquire whether participation from the Heidelberg Faculty of Medicine (MFHD) is possible.</p> <p>Link heiSKILLS</p> |
| Personnel Development, Leadership and Communication | <p>Personnel Development Unit (UKHD)</p> <p>Interprofessional Leadership Cycle Additional Training Opportunities: Leadership Skills</p> <p>Link Leadership Development (internal)</p> <p>Personnel Development Unit (UKHD) Specifically for women Shaping Leadership: For senior female physicians and scientists in (project-)leadership roles Leadership Career – Yes or No? Workshop and coaching for (prospective) female specialists</p> <p>Link Women’s Career Program (internal)</p> |
| Clinical Studies | <p>Coordination Center for Clinical Trials (KKS)</p> <p>Seminar Series on Clinical Trials addressing the constantly changing and increasing legal requirements in clinical research</p> <p>Training program offering a wide range of courses and training opportunities for staff involved in clinical trials, such as the AMG (German Medicines Act) basic course, clinical trial budget planning, or quality management at the trial site</p> <p>Please note that fees are charged for participation in the one- to multi-day courses.</p> |
| Labor Law, Leadership and Team Competence, Stress Management/Resilience, Conflict Management, Mindfulness, and More | <p>Academy for Health Professions</p> <p>Advanced training as part of the education and course program for careers in healthcare Fees apply.</p> <p>Link AFG</p> |
| Information Technology (IT) und Medical Technology (MT) | <p>Center for Digitalization and Information Technology (ZDI) UKHD</p> <p>Internal Trainings</p> <p>Link ZDI</p> |
| Mentoring, Coaching Management, Career Planning | <p>heiTracks – Career Support for Postdoctoral Scientists</p> <ul style="list-style-type: none"> • Mentoring-Program |

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| | <ul style="list-style-type: none"> • Management-Program „On the way to a Professorship“ <p>Please note that only a limited number of places are available for members of the Heidelberg Faculty of Medicine (MFHD)</p> <p>Link heiTracks</p> <p>Advancing Career Tracks for Field of Focus I Heidelberg University</p> <p>Link ACT</p> <p>State Conference of Equal Opportunity Officers at Universities and academic institutions in Baden-Württemberg (LaKoG)</p> <p>MuT – Mentoring and Training for Early-Career Female Researchers</p> <p>Please note that the one- to multi-day courses are subject to a fee.</p> <p>Link LaKoG</p> <p>German Association of University Professors and Lecturers</p> <p>Personal coaching/mentoring is offered especially for early-career researchers, particularly regarding appointment procedures. Membership in the Association is required.</p> <p>Link DHV</p> |
| <p>Further Training and Certificates</p> <ul style="list-style-type: none"> • Management • Health • Digitalization • Communication • Sustainability • Research Tools • Technology • Life Sciences | <p>heiGRADE Universität Heidelberg</p> <p>certified Training Programs, e.g.</p> <ul style="list-style-type: none"> • Coaching / Mediation • Global Health • Medical Data Science • Medical Biometrics/Biostatistics • Medical Physics • Principles of Laboratory Animal Science <p>Link heiGRADE</p> |
| <p>Teaching</p> | <p>Higher Education Didactics Center Baden-Württemberg</p> <p>Workshops, individual counseling and Coaching</p> <p>Please note, that a fee of 25€ is charged per event.</p> <p>Link HDZ</p> |
| <p>Molecular Life Sciences and its applications</p> | <p>EMBL Events</p> <p>Courses, Conferences and Workshops on topics in Molecular Biosciences and their applications.</p> |

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| | Link EMBL |
| GMP (Good Manufacturing Practice), GCP (Good Clinical Practice) and GLP (Good Laboratory Practice) | Please check online for providers and conditions |
| Radiation Protection, Animal Experiments, and Other Thematic Training Courses | Interfaculty Biomedical Facility (IBF) e.g. Experimental Animal Science Basic Course Link IBF |

Free modules can also be chosen to meet the curricular requirements. The responsible committee checks in advance whether the training or further education meets the required quality standards of the program and can therefore be recognized within the framework of the curriculum.

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| Lab-/Research Group- and Literature Seminars |
| Scientific lectures/Seminars within collaborative Research Centers and other scientific collaborative projects |
| Oral/Poster presentations at scientific conferences/congresses relevant to your project topic |
| Publications |
| Network Symposia for Clinician and Medical Scientists |