

MD/PhD Programme

Initial Interest

Any medical candidate seriously interested in perusing this academic path should make a preliminary appointment with Prof. Dr. Ralf Küppers (ralf.kueppers@uk-essen.de, tel. 0201-723 3384) to ensure he/she meets the requirements for admission to the Faculty of Biology's doctoral proceedings.

Requirements

As laid down by the University of Duisburg-Essen's Faculty Board of Biology, medical candidates wishing to submit a doctoral thesis to the Faculty of Biology for examination to be conferred a PhD in biology/biomedical science must have completed the following:

Requirement	Grade
Preliminary Medical Examination (<i>Physikum</i>)	1 or 2
Doctor of Medicine (MD)	<i>magna cum laude</i> or <i>summa cum laude</i>
A total of 300 hours of academic training on <u>one</u> of the following courses officially recognized by the Faculty of Biology's Doctoral Committee:	
<ol style="list-style-type: none"> 1. Full and satisfactory participation of 1st and 2nd semester of MSc course on "Medical Biology" (German language course). 2. Full three year participation as an associate member in <u>one</u> of the research training groups (<i>Graduiertenkollegs</i>) or collaborative research centres (SFB/CRC) located at UDE.* 3. Full three year participation as a full member on <u>one</u> of the following BIOME courses*: <ul style="list-style-type: none"> – Behavioural and Clinical Neuroscience – Clinical Research – Cellular and Molecular Immunology – Computational Biomedicine – Infectious Diseases – Ischaemia, Reperfusion and Angiogenesis – Molecular Cell Biology – Radiation Sciences – Transplantation Medicine – Tumour and Signalling. <p>"Transplantation Medicine" is a 1.5 year course. Further 1.5 years of training can be acquired by joining one of the other BIOME cores thereafter. Similarly, "Clinical Research" is a 1 year course which can be followed by a further 2 years of training in another core.</p>	<p><i>Successful pass of all exams on the MSc course (in German).</i></p> <p><i>*Successful pass of 4x 15-30 min oral examinations on selected biomedical themes by an examiner who is either a member or a co-opted member of the Faculty of Biology. Possible in either the German or English language.</i></p>

The said three-year BIOME/GRK MD/PhD programme mentioned above (*) has been broken down as follows:

BIOME's MD/PhD Academic Training Programme	
1.	Full three year participation in the BIOME/RTG programme: Lectures (57 hours) (19 per year x 3 years) Seminars (57 hours) Annual Retreat (48 hours) (2 days x 8 hours/day x 3 retreats)
2.	A practical exchange in another lab for the period of 2 weeks (80 hours) (10 working days x 8 hours/day)
3.	Participation at one international biomedical scientific conference with a written report of the meeting and slide presentation of the highlights of the conference at a group seminar (35 hours) (3 day meeting of 8 hours/day plus 9 hours for preparing the report and presentation)
4.	Completion of three soft skills workshops (24 hours)
Total: 301 hours in three years	

Doctoral Funding

On 18.10.2012 the Faculty Board of Medicine agreed to fund three MD/PhD candidates with a 50% TV-L E 13 post each for two years from the IFORES fund. It is expected that these candidates' supervisors use their own departmental research budgets to match and cover the costs of the other 50% of each of these posts.

	First Year	Second and Third Years	
	MD Year	Faculty of Medicine	Candidate's Supervisor (Departmental Budget)
Candidate 1	Unpaid	50% TV-L E 13 for two years	50% TV-L E 13 for two years
Candidate 2	Unpaid	50% TV-L E 13 for two years	50% TV-L E 13 for two years
Candidate 3	Unpaid	50% TV-L E 13 for two years	50% TV-L E 13 for two years

Habilitation

The MD/PhD programme is not an alternative to "*Habilitation*" for medical doctors.

Appendix

Protocol sheet for 4 x 15-30 min. MD/PhD oral examinations.



MD/PhD Degree Training Programme: Subjects for Oral Examination

Candidate's Name: _____

Discipline	Proposed Examiner	Date	Grade	Examiner's Signature

Protocol:

Duration of Examination: 15 – 30 Minutes