



## **Subject-specific Study and Examination Regulations for the non-consecutive English language Master programme “Advanced Oncology” offered by the Medical Faculty of Ulm University of 19 November 2009**

At the proposal of the Medical Faculty, the Senate of Ulm University, in its meeting of 12 November 2009, adopted the following Subject-specific Study and Examination Regulations for the non-consecutive English language Master programme Advanced Oncology pursuant to section 19(1) sentence 2 no. 9 in conjunction with section 34 of the Law on Higher Education of the Land of Baden-Württemberg (LHG=“Landeshochschulgesetz”) (Law Gazette of 27 December 2005 p. 794ff), last amended by article 2 of the Second Law on the Implementation of the Reform of Federalism in Higher Education (“Zweites Gesetz zur Umsetzung der Föderalismusreform im Hochschulbereich”) of 3 December 2008 (Law Gazette p. 435ff). The President of Ulm University approved these on 19 November 2009 pursuant to section 34(1) sentence 3 LHG.

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#### **Preliminary remarks on language use**

According to Article 3(2) Basic Law men and women have equal rights; all male designations of persons and positions used in this General Framework apply equally to men and women.

## **I. General provisions**

### **Section 1 Scope of Application**

- (1) These Subject-specific Study and Examination Regulations contain specific regulations for the master programme “Advanced Oncology”.
- (2) The Subject-specific Study and Examination Regulations supplement the General Provisions for Study and Examination Regulations regarding Bachelor and Master Programmes at Ulm University (General Framework). In case of doubt, the General Framework has priority.

### **Section 2 Study objectives, academic degree (General Framework, section 2)**

- (1) The master programme “Advanced Oncology“ is a postgraduate, research-oriented, internet-based study course. Based on an undergraduate degree programme in medicine or natural sciences, it enables the graduates to independently pursue research questions in the field of oncology at a high international level. This comprises methods and procedures of diagnostics and therapy in oncology, a research basis for the performance of clinical studies and an introduction to management and business administration. As part of the study objective, students acquire the knowledge and competencies required to study oncological diseases, to develop evidence-based treatments and to lead workgroups and run institutes in the field of oncology.
- (2) The Medical Faculty at Ulm University offers the postgraduate, internet-based, non-consecutive master programme “Advanced Oncology” leading to the academic degree of “Master of Science” (“M.Sc.”).

### **Section 3 Beginning of the programme (General Framework, section 3)**

The master programme “Advanced Oncology” begins in the winter semester.

### **Section 4 Standard period of study, credit points (General Framework, section 5)**

- (1) The standard period of study of the master programme is four semesters.
- (2) For the successful completion of the master programme, a total of 65 credit points is required.

### **Section 5 Deadlines (General Framework, section 6(9))**

Should a student have gained fewer than 30 credit points by the end of the examination period of the sixth subject-related semester in the modules provided under section 14 and have failed to successfully complete the master programme by the end of the twelfth subject-related semester, he or she shall lose the right to be examined unless they are not responsible for exceeding the deadlines.

### **Section 6 Types of courses, examination achievements**

- (1) The master programme is composed of online modules with integrated courses requiring attendance and of block modules (which require attendance). Online modules are learning units offered via the internet. Students access teaching and learning materials via a protected learning portal. Communication and cooperation between students, lecturers and examiners is via the different communication technologies offered by the internet.
- (2) Study objectives and contents are conveyed by means of the following types of

courses:

- lectures and online lectures
  - seminars and online seminars
  - laboratory sessions
- (3) Beside the master's thesis and the oral defence, examination achievements may be written exams (tests, laboratory session reports, seminar papers) and oral exams (e.g. case presentations).
- (4) Beside examinations requiring attendance, some examinations may be taken completely or partially in electronic form (online); students will be given sufficient time during the course to familiarize themselves with the electronic examination system before the examination. Data protection regulations will be observed.
- (5) The type of required examination achievement as well as the type and scope of the electronic examination elements will be published in the module handbook at the beginning of a course.

### **Section 7 Courses and examinations in English (General Framework, section 7)**

Courses are taught and examinations are held in English.

### **Section 8 Subject-specific board of examiners (General Framework, section 10)**

- (1) A subject-specific board of examiners shall be formed for the master programme "Advanced Oncology".
- (2) The subject-specific board of examiners shall consist of six members. It shall be composed of three full-time lecturers and full-time professors of Ulm University, two scientific staff members and one student in an advisory capacity. The term of office of the university lecturers, the full-time professors of Ulm University and the members of the scientific staff shall be three years; the term of office of the student member shall be one year. Reappointment is possible.

### **Section 9 Organisation of module examinations (General Framework, section 13)**

Deviating from the recommendations made in section 13(1) of the General Framework, written module examinations shall be held during the period requiring attendance following each module, which is, as a general rule, at the end of the semester.

### **Section 10 Related study courses (General Framework, section 14)**

Related subjects as defined in section 14 of the General Framework are, in particular, biochemistry, molecular medicine, human medicine, biology, chemistry and molecular life science.

### **Section 11 Provisions regarding the module master's thesis (General Framework, section 16c)**

- (1) The period from the assignment of the topic to the submission of the master's thesis is six months. The subject-specific board of examiners may, on a reasoned request, extend this period by up to three months. This request must be submitted to the subject-specific board of examiners no later than two weeks before termination of the six-month-period and requires the thesis supervisor's consent.
- (2) The master's thesis must be written in English.

- (3) The master's thesis must be submitted bound in three copies and as an electronic copy (according to section 16c(9) of the General Framework) to the Student Administration Office ("Studiensekretariat").

### **Section 12 Assessment of module examinations (General Framework, section 17)**

- (1) The calculation of the final mark of the master programme is based on the graded module examination results pursuant to section 14. The module examinations 2f, 3f, 4e and 5f are weighted double.
- (2) Written multiple choice tests are deemed to have been passed if a minimum of 60% of the exam questions were answered correctly. These tests are graded as follows:
- 1 = excellent, 90% or more
  - 2 = good, 80% or more but less than 90%
  - 3 = satisfactory, 70% or more but less than 80%
  - 4 = sufficient, 60% or more but less than 70%
  - 5 = insufficient, less than 60%

The examination is also deemed to have been passed if the number of questions answered correctly by the student falls short of the average examination result for all first-time examinees for this examination by no more than 10% provided that the examinee answered a minimum of 50% of the questions correctly.

### **Section 13 Retake of module examinations (General Framework, section 20)**

Failed module or partial module examinations may be retaken twice after the respective failed attempt but only within the period requiring attendance following the failed attempt. Where a student does not take a module examination during the period indicated in sentence 1, they shall lose their right to be examined unless they are not responsible for exceeding the deadline. This decision is taken by the subject-specific board of examiners upon request.

## **II. MASTER'S EXAMINATION**

### **Section 14 Study contents, admission to module and partial module examinations**

The following modules must be completed as part of the master programme; modules 2, 3, 4, 5 and 7 require a module examination which is graded. Modules 1 and 6 are not graded.

No.	Module	Units (partial modules)	ECTS	Course type*	Type of exam* <sup>1</sup>	Semester	
1	M1: Summer School „Challenges & Introduction”	--/--	1	L,S	UC	1	
	<b>Subtotal</b>		<b>1</b>				
2	M2: Interdisciplinary Oncology	2a	Cellular and molecular biology of cancer	2	OS	wr or o	1
		2b	Diagnostics	2	OS	wr or o	1
		2c	Principles of Therapy & Treatment	3	OS	wr or o	1
		2d	Epidemiology	1	OS	wr or o	1
		2e	On-site	2	S, EX	UC	1
		2f	Module Thesis/Exam	2		wr	1
<b>Subtotal</b>		<b>12</b>					
3	M3: Clinical Research	3a	Clinical Trials	2	OS	wr or o	2
		3b	Management	2	OS	wr or o	2
		3c	Biometry	2	OS	wr or o	2
		3d	Ethical aspects	1	OS	wr or o	2
		3e	On-site	2	S, EX	UC	2
		3f	Module Thesis/Exam	2		wr	2
<b>Subtotal</b>		<b>11</b>					
4	M4: Advanced/ Integrated Therapies	4a	Clinical Oncology I	3	OS	wr or o	3
		4b	Clinical Oncology II	3	OS	wr or o	3
		4c	Integrated therapeutic concepts	2	OS	wr or o	3
		4d	On-site	2	S, EX	UC	3
		4e	Module Thesis/Exam	2		wr	3
<b>Subtotal</b>		<b>12</b>					
5	M5: Management	5a	Business administration	2	OS	wr or o	4
		5b	Health care system	1	OS	wr or o	4
		5c	Management of entities	2	OS	wr or o	4
		5d	Quality control	2	OS	wr or o	4
		5e	On-site	2	S, EX	UC	4
		5f	Module Thesis/Exam	2		wr	4
<b>Subtotal</b>		<b>11</b>					
6	M 6: Summer School “Future Perspectives”	Presentation of Master’s Thesis	3		UC	4	
	<b>Subtotal</b>		<b>3</b>				
7	Master’s Thesis	--/--	15		wr	4	
	<b>Subtotal</b>		<b>15</b>				
<b>Total</b>			<b>65</b>				

\*C = course; L= lecture; OS= online seminar; S= seminar; EX=practical exercises

\*<sup>1</sup> wr=written; o = oral; UC = ungraded certificate of achievement

**Section 15 Subject-specific requirements for admission to the master's thesis**

Students may only be admitted to the master's thesis after having successfully the modules indicated in section 14 no. 1, 2 and 3.

**Section 16 Effective date**

These study and examination rules shall come into effect on the day following the date of their publication in the Official Bulletin ("Amtlichen Bekanntmachungen") of Ulm University.

Ulm, 19 November 2009

Professor Dr. K.-J. Ebeling  
- President -

Courtesy translation