



Nr. 33 vom 15. Juni 2015

## AMTLICHE BEKANTMACHUNG

Hg.: Der Präsident der Universität Hamburg  
Referat 31 – Qualität und Recht

**[english translation]**

### **Revised Version of the Subject-Specific Provisions for the Master of Science in Molecular Plant Science dated 25.02.2015**

In accordance with § 91 (2) of the Hamburg Higher Education Act (HmbHG) dated 18 July 2001 (HmbGVBL. p. 171) as amended on 2. December 2015, the Presidium of Universität Hamburg did on 1. May 2015 ratify the Subject-Specific Provisions for the undergraduate minor program in the history of the natural sciences as a minor to a Bachelor of Arts (BA) degree program adopted on 25 february 2015 by the Faculty Council of the Faculty of Mathematics, Informatics and Natural Sciences in accordance with § 91(2)(1) HmbHG.

#### **Preamble**

These Subject-Specific Provisions supplement the provisions of Universität Hamburg's examination regulations for Master of Science (MSc) degree programs from 26 October 2005 as amended (PO MSc) and provide a description of the module for the subject molecular plant science.

#### **I. Supplemental provisions**

##### **to § 1**

#### **Program goal, examination objective, academic degree, and implementation of the degree program**

##### **Section 1(1):**

(1) The Master of Science in Molecular Plant Science shall be set up as a consecutive and research-oriented degree program. Graduates will have learned molecular biological, physiological, and histological methods and procedures and will be able to apply them in experiments. They will possess the ability to develop hypotheses through problem analysis and using methods learned be able to develop experiments to test these hypotheses. Graduates will be familiar with the current discourse on molecular biological methods and, with their

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professional knowledge, will be able to contribute to social debate. Consequently, they will be in a position to be able to assess the developments in the area of molecular biology including those within a socio-economic context.

(2) The degree program shall build upon a bachelor's degree or an equivalent qualification earned in a discipline in the biosciences.

#### to § 4 Program and examination structure

##### Section 4(1):

In order to complete the degree program, 72 credit points must be completed from the curriculum in the required area and 48 credit points must be completed from the curriculum in the required elective area. An overview of modules has been provided in a table attached as an appendix to the Subject-Specific Provisions.

Module		CP	Required	Required elective:
	1. Semester			
	Introduction to Molecular Plant Science	6 CP	X	
	Introduction to Lab Methods A	8 CP	X	
	Introduction to Lab Methods B	8 CP	X	
	Introduction to Lab Methods C	8 CP	X	
	2. Semester			
	Ethics in Biology	6 CP	X	
	Lab Course	24 CP		X
	3. Semester			
	Introduction to Job	6 CP	X	
	Lab Course	24 CP		X
	4. Semester			
	Master's thesis	30 CP	X	

Required elective modules may only be taken after first successfully completing the required modules Introduction to Lab Methods A through C and attending the seminar module Introduction to Molecular Plant Science. The Lab Courses must be completed in two different research groups.

##### Section 4(4):

The final module shall be comprised of the master's thesis (27 credit points) and oral examination (3 credit points). The oral examination should be taken no later than six weeks after submission of the master's thesis.

**to § 5**  
**Course types**

Courses will be held in English. If courses are going to be held in another language, this will be announced at the beginning of the course. Attendance is compulsory for seminars and practical training courses.

**to § 13**  
**Completed coursework and module examination**

**to § 14**  
**Master's thesis**

**Subsection 2:**

An application for permission to begin work on the master's thesis may only be made once the required elective modules have been successfully completed.

**Subsection 4:**

The master's thesis must be written in English.

**Subsection 5:**

The work required in the final module amounts to 30 credit points, which is comprised of a master's thesis (27 credit points) and an oral examination (3 credit points). The time period in which to complete the work shall be six months.

**Subsection 7:**

At least one examiner of the master's thesis must belong to the group of university teachers in the Department of Biology and be significantly involved in teaching within the degree program. As a rule the other examiner for the master's thesis must belong to the Department of Biology and be significantly involved in teaching within the degree program. In cases of doubt, the examinations board shall decide on the applicable regulations for examination and instructions.

**to § 15**  
**Evaluation of examination performance**

**Section 15(3) sentence 9**

All modules shall be differentially graded except for the module Introduction to Job, which shall only be graded as pass/fail. Each of the required elective modules shall be weighted 15%, the module Ethics in Biology weighted 10%, the results of the examination from the first semester module weighted 10%, and the master's thesis weighted 50% in the overall final grade.

**to § 23**  
**Effective date**

These Subject-Specific Provisions shall become effective on the day after ratification by the Presidium of the University of Hamburg. They shall initially apply to students commencing their studies in winter semester 2015/2016.

Hamburg, 1. May 2015  
**Universität Hamburg**