

An den Prüfungsausschuss des
Masterstudienganges "Plant Sciences"
über den Studiengangskoordinator PD Dr. Rochus Franke
IZMB



Kirschallee 1
53115 Bonn

Anmeldung zur Masterarbeit im Studiengang Plant Sciences

Name: _____

Geburtsdatum: _____ Matrikelnummer: _____

Hiermit melde ich mich zur Masterarbeit im Studiengang Plant Sciences an.

Betreuender Hochschullehrer ist: _____

Als Zweitgutachter ist vorgesehen: _____

(unbedingt anzugeben, wenn Betreuer / Erstgutachter nicht Hochschullehrer einer pflanzenwissenschaftlichen Arbeitsgruppe an der Universität Bonn ist!)

Der Arbeitstitel der Masterarbeit ist:

Beginn der Masterarbeit ist: _____

Bonn, den _____ Unterschrift Studierende: _____

Die Organisation und Betreuung der o.g. Masterarbeit in meiner Abteilung / Arbeitsgruppe ist sichergestellt. Für die Masterarbeit ist ein studentischer Arbeitsaufwand von 30 LP (Leistungspunkten), also etwa 900 studentischen Arbeitsstunden, vorgesehen.

Anmerkung: Siehe auch § 19 und 20 der Prüfungsordnung. Die Maximaldauer der Masterarbeit beträgt 6 Monate.*

Stempel und Unterschrift Betreuer*in / Erstgutachter*in

*Informationen für Studierende und Betreuer auf der Folgeseite.

Auszug aus § 19 und § 20 der Prüfungsordnung:

§ 19 (5) Das Thema der Masterarbeit kann erst ausgegeben werden, wenn die*der Studierende die im Modulplan (Anlagen 1-4) für die Masterarbeit genannten Voraussetzungen erfüllt (hier wenn die*der Studierende mindestens 60 LP erworben hat und alle Pflichtmodule bestanden sind). ... Thema der Arbeit und Zeitpunkt der Ausgabe sind aktenkundig zu machen.

§ 19 (9) Für die Masterarbeit werden 30 ECTS-LP vergeben, denen 900 Stunden studentischer Arbeitsaufwand entsprechen. Der Bearbeitungszeitraum beträgt höchstens sechs Monate. Der Prüfungsausschuss legt den spätesten Abgabetermin für die Masterarbeit fest und teilt ihn der oder dem Studierenden mit. Thema, Aufgabenstellung und Umfang der Masterarbeit sind so zu begrenzen, dass die Masterarbeit unter zumutbaren Anforderungen innerhalb der vorgegebenen Frist abgeschlossen werden kann. Auf begründeten Antrag kann der Prüfungsausschuss im Einvernehmen mit der*dem Betreuer*in eine Nachfrist von bis zu sechs Wochen gewähren. Das Thema der Masterarbeit wird in der Regel am Ende des dritten Semesters vergeben.

§ 20 (3) Die Masterarbeit ist von zwei Prüfer*innen zu begutachten und zu bewerten. Eine*einer der Prüfer*innen ist diejenige*derjenige, die*der das Thema der Masterarbeit gestellt hat; die*den zweite*n Prüfer*in bestimmt der Prüfungsausschuss aus dem Kreis der Prüfer*innen gemäß § 9 Abs. 1. Hierbei muss gewährleistet sein, dass mindestens eine*r der Prüfer*innen ein Mitglied der Gruppe der Hochschullehrer*innen oder Privatdozent*in an der Universität Bonn ist. Der Prüfling hat ein Vorschlagsrecht, ein Anspruch auf Zuweisung einer bestimmten Prüferin*eines bestimmten Prüfers besteht aber nicht

§ 20 (4) Die einzelne Bewertung ist entsprechend § 24 Abs. 1 vorzunehmen (1,0; 1,3; 1,7; 2,0; ...) und schriftlich zu begründen. ...

§ 20 (5) Die Bewertung der Masterarbeit wird dem Prüfling spätestens acht Wochen nach dem Abgabetermin mitgeteilt.

Merkblatt Masterarbeit
im Masterstudiengang
Plant Sciences

Information sheet about
Master's thesis in the program
Plant Sciences

Fact sheet

for submitting the Master's thesis
in the MSc program Plant Sciences

(1) Submission

Three printed copies of the Master's thesis must be submitted to the Examination Board* by the deadline. In addition, a digital version suitable for electronic comparison (e.g. PDF file) and proof of character count must be submitted on a CD or a SD card. All copies (printed and digital) must be identical.

* The IZMB office (headed by Ms. Krüger, room 2.015) is responsible for receiving and forwarding the submitted Master's theses.

(2) Title Page and Second Page

The title page (sample below) has to be printed on the cover and on the first page.

The second page lists the first and second referees (see example below) including the respective professional address.

(3) Content/Length of the Master's thesis

The text part of the Master's thesis must comprise **at least 85.000 characters and no more than 170.000 characters (including spaces)**. This corresponds to about 40 to 80 written text pages on A4 format (see 4). The number of characters has to be provided in the affirmation.

In assessing the grade for a Master's thesis, the examiners may take into account any non-compliance with the formal rules governing the submission.

(4) Text part

The text part is defined as all chapters from Introduction to Summary according to the structure below. Characters in tables and figures, table and figure legends, bibliographies, references, appendices and acknowledgements are NOT counted as text.

(5) Formatting

DINA4 page size

Common font style, as e.g. Times New Roman, Arial, Calibri, ...

Type size 12 pt

1.2 to 1.5 line spacing

Species and genus names have to be in italics.

The pages have to be numbered with Arabic numbers from the first page of the index onwards. The page header contains the title of the respective main chapter on the left and the page number on the right side and is separated from the text with a line below.

The chapters (divisions) and subdivisions should be signed with Arabic numerals according to ISO 2145, see http://en.wikipedia.org/wiki/ISO_2145, max up to fourth division. Further divisions are introduced by paragraphs, which may include subheadings. Tables must be numbered from 1 onwards (no references to the chapter, i.e. Table 8 rather than Table 6.2) together with the title above the table; the legend may be below the table. Figures, also numbered from 1 onwards (Fig.1 ...), are entitled below. Tables and Figures must be referred to in the text, but their legends have to be instructive enough to be understood alone (self-explanatory).

(6) **Structure.** The thesis has to be structured as follows:

- 1 Table of Contents
- 2 List of Abbreviations (if necessary)
- 3 Introduction
- 4 Material and Methods
- 5 Results
- 6 Discussion
- 7 Summary
- 8 References
- 9 Acknowledgements (if necessary)
- 10 Appendix (if necessary)

Introduction

The scientific background is described and it is explained how the objectives of the project originate from the current state of knowledge or from open scientific questions. In the last paragraph, the concrete aims of the work should be summarized briefly (the aims can also be presented as a separate paragraph).

Material and Methods

The experimental methods and techniques have to be described clearly and in detail such that another person could reproduce them. However, standard methods should be referenced and only be described briefly. Include a paragraph on data analysis, including statistical tests employed to check for significances. Equations should be numbered.

Results

Experimental results are described verbally and illustrated by figures and tables. All figures and tables must be mentioned in the text. Results are not discussed or interpreted in this section. To show whether any difference/changes in the data are significant, appropriate statistics have to be applied. Figures and Tables should be understandable from the legend even without the main text. All parts of each figure must be readable.

Discussion

In this part all experiments should be described in the context of the scientific background, including advantages, limitations and efficiency of the approaches as compared to the literature. For experiments which did not work, a possible explanation should be given as well as suggestions of how to change/improve the experimental design (error cause analysis). Further steps to be taken in successive studies should be proposed.

Summary

The main methods, results and conclusions of the work should be summarized shortly (not more than 1 page).

References

References should be cited in the text as follows:

"The procedure used has been described elsewhere (Green, 1978)"

or

"Our observations are in agreement with those of Brown and Black (1979) and of White et al. (1980)"

or with multiple references, in chronological order:

"Earlier reports (Brown and Black, 1979, 1981; White et al., 1980; Smith, 1982, 1984)".

In the list of references, papers should be given in alphabetical order according to the surname of the first author. In two-author papers with the same first author, the order is alphabetical by the second author's name. In three-or-more-author papers with the same first author, the order is chronological. The name of the author(s) should be followed by the date in parentheses, the full title of the paper as it appeared in the original together with the source of the reference, the volume number, and the first and last pages. Do not number or bullet the references.

Henning Lenz and Volker Knoop (2013) PREPACT 2.0: Predicting C-to-U and U-to-CRNA editing in organelle genome sequences with multiple references and curated RNA editing annotation. *Bioinformatics and Biology Insights* 2013:7 1-19.

Schreiber L (2010) Transport barriers made of cutin, suberin and associated waxes. *Trends in Plant Science* 15: 546-553.

(7) Affirmation

Finally, the candidate must confirm in writing that he/she has written the thesis independently, has not used any sources and assistance other than those specified and has marked quotations. On this affirmation place, date and signature must be given. See sample below.

Thesis Title Thesis Title Thesis Title Thesis Title Thesis Title Thesis Title Thesis Title
Thesis Title Thesis Title Thesis Title Thesis Title

Thesis

submitted in partial fulfillment of the requirements for the degree

Master of Science

Master program in

Plant Sciences

Faculty of Mathematics and Natural Sciences

Rheinische Friedrich-Wilhelms-Universität Bonn

presented by

Name Name

from *City of birth, Country*

Bonn, *month year*

Template for a Title Page

This work has been performed at the *fill* INSTITUTE INSTITUTE

In the team of *fill* ACADEMIC TITLE ADVISER ADVISER

Template for the
second page

1st Referee: academ. title Name Name

Institute Department

Address

2nd Referee: academ. title Name Name

Institute Department

Address

Affirmation for the Master's Thesis

I herewith declare, that I have written this thesis independently and myself. I have used no other sources, aids and assistance than those listed. I have indicated all places where the exact words or analogous text were taken from sources. I assure that this thesis has not been submitted for examination elsewhere.

The text part of this thesis contains “fill number” characters including spaces.

Bonn, date _____

(Signature)

Template for an
Affirmation