

## Certificate

The Faculty of Organic Agricultural Sciences of the  
University of Kassel confers to

Mr

**Warren de Veyra**

**Come**

Date of birth 11 November 1977  
in Tacloban City

after he has successfully passed the Master examination  
the academic degree


## Master of Science

(M.Sc.)

Witzenhausen, 3 May 2011

  
Dean of the Faculty Organic Agricultural Sciences  
(Prof. Dr. U. Knierim)



  
Chairman of the Examination Board  
(Prof. Dr. D. Möller)

**Master Certificate**

Mr

**Warren de Veyra**

**Come**

Date of birth 11 November 1977

in Tacloban City

has passed the Master examination for the Master  
programme

**International Organic Agriculture**

at University Kassel

according to § 6 of the examination regulations

in the version of 18 January 2006

- as noted on the reverse side -

and therefore passed the Master examination

with the cumulative grade

good (2,5)

A scientific course of study has thus been completed within a standard period of study of four semesters.

Witzenhausen, 3 May 2011



Chairman of the Examination Board  
(Prof. Dr. D. Möller)



Dean of the Faculty  
(Prof. Dr. U. Knierim)

**Master Certificate Warren de Veyra Come**

He has passed all the required examinations in the following subjects:

Module-title	Credits	Grade
Soil and plant science	6	satisfactory (2,7)
Global Aquaculture - Production, markets, challenges (accepted University Göttingen)	6	good (2,3)
Organic farming systems under temperate conditions	6	good (2,3)
Organic livestock farming under temperate conditions	6	good (2,0)
Development policy	6	satisfactory (2,7)
Multidisciplinary research in tropical production	6	good (1,7)
Organic cropping systems under (sub-) tropical conditions	6	satisfactory (2,7)
Ecology and agro-ecosystems	6	good (2,3)
Animal environment interactions under (sub-) tropical conditions	6	satisfactory (2,7)
Tropical animal husbandry systems	6	good (2,0)
Animal husbandry and sustainable landuse	6	good (2,0)
Summer Academy on Organic Animal Breeding and Organic Animal Husbandry, 7 to 20 September 2009	6	good (2,0)
Quality management for organic foods	6	satisfactory (3,0)
Energy in agriculture	6	satisfactory (3,0)
General subjects	6	passed
<b>Master's thesis:</b>	24	satisfactory (3,3)
"Environmental effects of ruminant husbandry systems in protected area of Batanes Islands, Philippines"		
<b>Final oral examination</b>	6	satisfactory (3,0)

# Diploma Supplement

der Universität Kassel

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is append. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

## 1. Persönliche Daten / HOLDER OF THE QUALIFICATION

1.1 Name, Vorname Family name(s), first name(s)	Come, Warren de Veyra
1.2 Geburtsort, -datum (Tag, Monat, Jahr), Place, Date of Birth (day, month, year)	Tacloban City, 11 November 1977
Geburtsland, Country of Birth	Philippines
1.3 Matrikelnummer, Student ID Number or Person Code	28 226 837

## 2. Qualifikation / QUALIFICATION

2.1 Bezeichnung der Qualifikation, Titel Name of Qualification, title	Master of Science
Qualifikation, Titel / Abkürzung Qualification, title / Abbreviated	M.Sc.
2.2 Studienfach / Studienfächer Main Field(s) of Study	International Organic Agriculture
2.3 Name der verleihenden Institution Institution Awarding the Qualification	Universität Kassel (founded 1971) Fachbereich Ökologische Agrarwissenschaften
Programm ausführender Fachbereich Institution Administering Studies Department of	Organic Agricultural Sciences
Status (Type / Control)	University / State Institution
2.4 Unterrichtssprache Language(s) of Instruction / Examination	English

## 3. Ebene der Qualifikation / LEVEL OF THE QUALIFICATION

3.1 Ebene der Qualifikation Level of Qualification	Graduate/second degree by research with thesis
3.2 Dauer des Studienprogramms Official Length of Programme	Two years, 120 Credits (ECTS)
3.3 Zugangserfordernisse Access Requirement(s)	Bachelor degree or equivalent in agronomy or related fields to agriculture; minimum a 'B' grade of the average assessment of the final certificate; proof of language skills in English (TOEFL 500 or equivalent)

## 4. Studieninhalte und Studienerfolg / CONTENTS AND RESULTS GAINED

4.1 Form des Studiums / Mode of Study	Full-time
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4.2 Studienanforderungen Program Requirements	Master program with research orientated profile: modules are based on a wide range of thematic fields: plant and soil science, animal science, economics and social science, environmental science, food quality. Minimum standards required for the qualification: four compulsory modules (24 Credits), ten optional modules (60 Credits), Master thesis (24 Credits) and Disputation (6 Credits). Learning outcomes, skills: Well-grounded knowledge and core competencies. Overview of the connections within the subject, capability to work independently and in interdisciplinary cooperation on specific and systemic problems in Organic agriculture considering the production and organisation as well under temperate, tropical or subtropical conditions and regions as in their intercultural context with scientific methods.
4.3 Verlauf des Studiums / Program Details	In detail see Master Certificate.
4.4 Notenskala Grading Scheme	1 = very good; 2 = good; 3 = medium; 4 = pass; 5 = fail Grading scheme cf. Sec. 8.6. In order to get a better differentiation, grades can be raised or lowered by 0.3 to intermediate values; however, the following grades are not permitted: 0.7, 4.3, 4.7, 5.3. ECTS Grading scheme: A $x \leq 1,4$ ; B $1,4 < x \leq 1,7$ ; C $1,7 < x \leq 2,3$ ; D $2,3 < x \leq 2,7$ ; E $2,7 < x$
4.5 Gesamtbewertung Overall Classification	good (2,5)  Based on the accumulation of grades received during the study program (76 %) and the Master Thesis (24%).



## 5. Funktion der Qualifikation / FUNCTION OF THE QUALIFICATION

5.1 Zugang zu weiteren Studien Access to Further Study	Qualification to apply for doctoral studies
5.2 Beruflicher Status Professional Status	Master of Science is a second job qualification degree. It qualifies for private and public management functions (higher state services), consulting and research positions.

## 6. Zusätzliche Informationen / ADDITIONAL INFORMATION

6.1 Zusätzliche Informationen Additional Information	The Master program is designed as a multidisciplinary approach to plan and manage agricultural development according to the principles of ecology and sustainability. Research and Education in the area of Organic Agriculture as well as sustainable rural development with regional and international references take place in the Faculty of Organic Agricultural Sciences at the University of Kassel. Since 1996 the whole Faculty converted its agricultural studies to Organic Agriculture.
6.2 Weitere Informationsquellen Additional Information Sources	Institution: <a href="http://www.uni-kassel.de">www.uni-kassel.de</a> Program: <a href="http://www.uni-kassel.de/agrar">www.uni-kassel.de/agrar</a>

## 7. Zertifizierung / CERTIFICATION

7.1 Ort / Datum der Ausstellung Place / Date of Certification	Witzenhausen, 3 May 2011
7.2 Unterzeichnende Person / Dienststellung Certifying Official (Name, Title) Signature	Chairman Examination Board Prof. Dr. D. Möller 
7.3 Siegel / Stempel Seal / Stamp	

## 8. Nationales Hochschulsystem / NATIONAL HIGHER EDUCATION SYSTEM

The information on the German higher education system on the following pages provides a context for the qualification and the type of higher education awarded (DSDoc 01/03.00).

### 8. INFORMATION ON THE GERMAN HIGHER EDUCATION SYSTEM<sup>1</sup>

#### 8.1. Types of Institutions and Institutional Control

Higher education (HE) studies in Germany are offered at three types of *Hochschulen*<sup>2</sup>

- *Universitäten* (Universities), including various specialized institutions, comprise the whole range of academic disciplines. In the German tradition, universities are also institutional foci of, in particular, basic research, so that advanced stages of study have strong theoretical orientations and research-oriented components.
- *Fachhochschulen* (Universities of Applied Sciences): Programs concentrate in engineering and other technical disciplines, business-related studies, social work, and design areas. The common mission of applied research and development implies a distinct application-oriented focus and professional character of studies, which include one or two semesters of integrated and supervised work assignments in industry, enterprises or other relevant institutions.
- *Kunst- und Musikhochschulen* (Colleges of Art/Music, etc.) offer graduate studies for artistic careers in fine arts, performing arts and music; in such fields as directing, production, writing in theatre, film, and other media; and in a variety of design areas, architecture, media and communication.

HE institutions are either state or state-recognized institutions. In their operations, including the organization of studies and the designation and award of degrees, they are both subject to HE legislation.

#### 8.2 Types of programs and degrees awarded

- Studies in all three types of institutions are traditionally offered in integrated "long" (one-tier) programs leading to *Diplom-* or *Magister Artium* degrees or completion by a *Staatsprüfung* (State Examination).
- In 1998, a new scheme of first- and second-level degree programs (*Bakkalaureus/Bachelor* and *Magister/Master*) was introduced to be offered parallel to or *in lieu* of established integrated "long" programs. While these programs are designed to provide enlarged variety and flexibility to students in planning and pursuing educational objectives, they enhance also international compatibility of studies.
- For details cf. Sec. 8.41 and Sec. 8.42, respectively. Table 1 provides a synoptic summary.

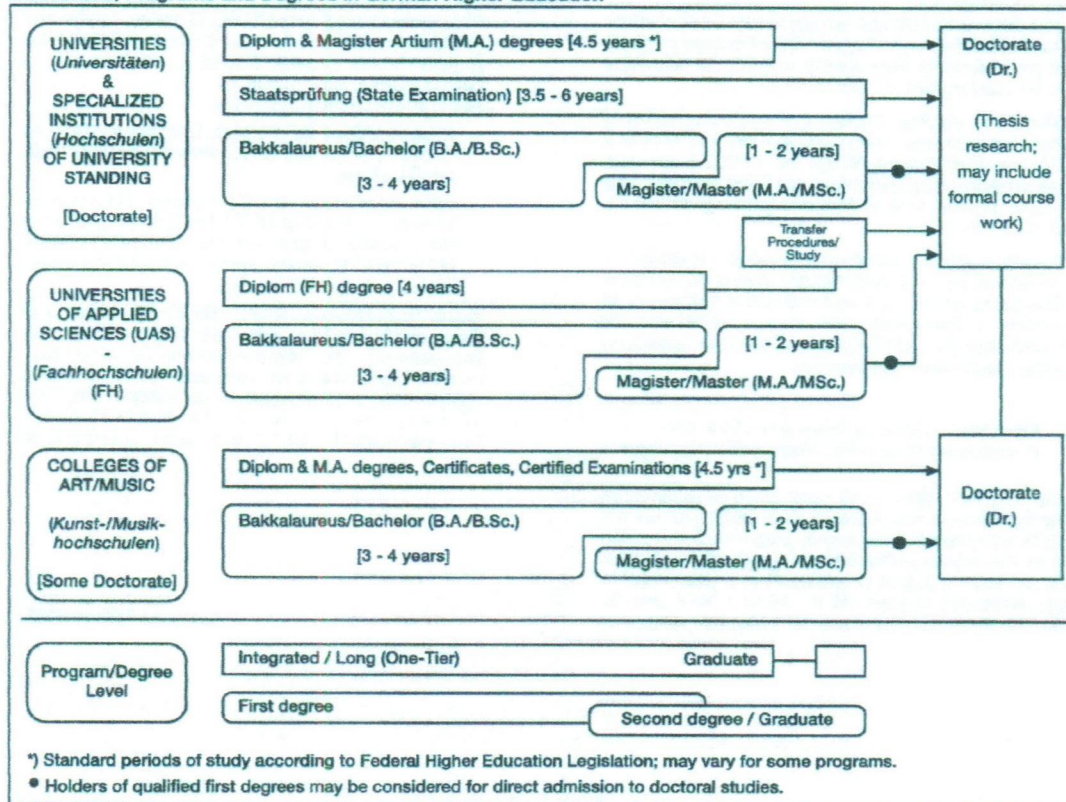
#### 8.3 Approval/Accreditation of Programs and Degrees

To ensure quality and comparability of qualifications, the organization of studies and general degree requirements have to conform to principles and regulations jointly established by the Standing Conference of Ministers of

<sup>1</sup> The information covers only aspects directly relevant to purposes of the Diploma Supplement. All Information as of 1 Jan 2000.

<sup>2</sup> Hochschule is the generic term for higher education institutions.

#### Institutions, Programs and Degrees in German Higher Education



Education and Cultural Affairs of the *Länder* in the Federal Republic of Germany (KMK) and the Association of German Universities and other Higher Education Institutions (HRK). In 1999, a system of accreditation for programs of study has become operational under the control of an Accreditation Council at national level. Programs and qualifications accredited under this scheme are designated accordingly in the Diploma Supplement.

#### 8.4 Organization of Studies

##### 8.41 Integrated "Long" Programs (One-Tier):

###### *Diplom degrees, Magister Artium, Staatsprüfung*

Studies are either mono-disciplinary (single subject, *Diplom* degrees, most programs completed by a *Staatsprüfung*) or comprise a combination of either two major or one major and two minor fields (*Magister Artium*). As common characteristics, in the absence of intermediate (first-level) degrees, studies are divided into two stages. The first stage (1.5 to 2 years) focuses - without any components of general education - on broad orientations and foundations of the field(s) of study including propaedeutical subjects. An Intermediate Examination (*Diplom-Vorprüfung* for *Diplom* degrees; *Zwischenprüfung* or credit requirements for the M.A.) is prerequisite to enter the second stage of advanced studies and specializations. Degree requirements always include submission of a thesis (up to 6 months duration) and comprehensive final written and oral examinations. Similar regulations apply to studies leading to a *Staatsprüfung*.

- Studies at *Universities* last usually 4.5 years (*Diplom* degree, *Magister Artium*) or 3.5 to 6 years (*Staatsprüfung*). The *Diplom* degree is awarded in engineering disciplines, the exact/natural and economic sciences. In the humanities, the corresponding degree is usually the *Magister Artium* (M.A.). In the social sciences, the practice varies as a matter of institutional traditions. Studies preparing for the legal, medical, pharmaceutical and teaching professions are completed by a *Staatsprüfung*. The three qualifications are academically equivalent. As the final (and only) degrees offered in these programs at graduate-level, they qualify to apply for admission to doctoral studies, cf. Sec. 8.5.
- Studies at *Fachhochschulen* (FH) /Universities of Applied Sciences (UAS) last 4 years and lead to a *Diplom* (FH) degree. While the FH/UAS are non-doctorate granting institutions, qualified graduates may pursue doctoral work at doctorate-granting institutions, cf. Sec. 8.5.
- Studies at *Kunst- and Musikhochschulen* (Colleges of Art/Music, etc.) are more flexible in their organization, depending on the field and individual objectives. In addition to *Diplom/Magister* degrees, awards include Certificates and Certified Examinations for specialized areas and professional purposes.

##### 8.42 First/Second Degree Programs (Two-tier):

###### *Bakkalaureus/Bachelor, Magister/Master degrees*

These programs apply to all three types of institutions. Their organization makes use of credit point systems and modular components. First degree programs (3 to 4 years) lead to *Bakkalaureus/Bachelor* degrees (B.A., B.Sc.). Graduate second degree programs (1 to 2 years) lead to *Magister/Master* degrees (M.A., M.Sc.). Both may be awarded in dedicated form to indicate particular

specializations or applied/professional orientations (B./M. of ... ; B.A., B.Sc. or M.A., M.Sc. in ... ). All degrees include a thesis requirement.

#### 8.5 Doctorate

Universities, most specialized institutions and some Colleges of Art/Music are doctorate-granting institutions. Formal prerequisite for admission to doctoral work is a qualified *Diplom* or *Magister/Master* degree, a *Staatsprüfung*, or a foreign equivalent. Admission further requires the acceptance of the Dissertation research project by a supervisor. Holders of a qualified *Diplom* (FH) degree or other first degrees may be admitted for doctoral studies with specified additional requirements.

#### 8.6 Grading Scheme

The grading scheme usually comprises five levels (with numerical equivalents; intermediate grades may be given): "Sehr Gut" (1) = Very Good; "Gut" (2) = Good; "Befriedigend" (3) = Satisfactory; "Ausreichend" (4) = Sufficient; "Nicht ausreichend" (5) = Non-Sufficient/Fail. The minimum passing grade is "Ausreichend" (4). Verbal designations of grades may vary in some cases and for doctoral degrees. Some institutions may also use the ECTS grading scheme.

#### 8.7 Access to Higher Education

The General Higher Education Entrance Qualification (*Allgemeine Hochschulreife, Abitur*) after 12 to 13 years of schooling gives access to all higher education studies. Specialized variants (*Fachgebundene Hochschulreife*) allow for admission to particular disciplines. Access to *Fachhochschulen* (UAS) is also possible after 12 years (*Fachhochschulreife*). Admission to Colleges of Art/Music may be based on other or require additional evidence demonstrating individual aptitude.

#### 8.8 National Sources of Information

- Kultusministerkonferenz (KMK) [Standing Conference of Ministers of Education and Cultural Affairs of the *Länder* in the Federal Republic of Germany] - Lennéstrasse 6, D-53113 Bonn; Fax: +49/[0]228/501-229; with
  - Central Office for Foreign Education (ZaB) as German NARIC and ENIC; www.kmk.org; E-Mail: zab@kmk.org
  - "Documentation and Educational Information Service" as German EURYDICE-Unit, providing the national dossier on the education system (EURYBASE, annual update, www.eurydice.org; E-Mail eurydice@kmk.org).
- Hochschulrektorenkonferenz (HRK) [Association of German Universities and other Higher Education Institutions]. Its "Higher Education Compass" (www.higher-education-compass.hrk.de) features comprehensive information on institutions, programs of study, etc. Ahrstrasse 39, D-53175 Bonn; Fax: +49/[0]228 / 887-210; E-Mail: sekr@hrk.de