

Vierte Ordnung zur Änderung der Prüfungs- und Studienordnung für den konsekutiven Master-Studiengang „Sustainable International Agriculture“ der Universität Kassel und der Georg-August-Universität Göttingen vom 13. Juli 2016

Die Prüfungs- und Studienordnung für den konsekutiven Master-Studiengang „Sustainable International Agriculture“ der Universität Kassel und der Georg-August-Universität Göttingen vom 21. Oktober 2011 (MittBl. 1/2012, S. 26), zuletzt geändert am 15. Juli 2015 (MittBl. 02/2016, S. 45), wird wie folgt geändert:

Artikel 1 Änderungen

1. Die Anlage 1 wird wie folgt neu gefasst:

Anlage 1: Modulübersicht

Es müssen insgesamt wenigstens 120 Anrechnungspunkte nach Maßgabe der nachfolgenden Bestimmungen erworben werden.

a) Studienschwerpunkte

Es muss ein Studienschwerpunkt im Umfang von insgesamt wenigstens 90 C erfolgreich absolviert werden.

aa) International Agribusiness and Rural Development Economics

i) Pflichtmodule

Es müssen folgende vier Pflichtmodule im Umfang von insgesamt 24 C erfolgreich absolviert werden:

M.Agr.0086: Weltagrarmärkte/ World agricultural markets and trade (6 C, 6 SWS)

M.SIA.E11: Socioeconomics of Rural Development and Food Security (6 C, 4 SWS)

M.SIA.I12: Sustainable International Agriculture: basic principles and approaches (6 C, 4 SWS)

M.WIWI-QMW.0004: Econometrics I (6 C, 4 SWS)

ii) Wahlpflichtmodule

Aus folgenden Modulen müssen fünf Wahlpflichtmodule (davon mindestens ein Modul zur Schulung des methodischen Arbeitens mit einem Code M) im Umfang von insgesamt 30 C erfolgreich absolviert werden:

M.Agr.0124: Environmental economics and policy (6 C, 4 SWS)

M.SIA.E18: Organization of Food Supply Chains (6 C, 4 SWS)

M.SIA.E05M: Marketing research (6 C, 4 SWS)

M.SIA.E12M: Quantitative Research Methods in Rural Development Economics (6 C, 4 SWS)

M.SIA.E13M: Microeconomic Theory and Quantitative Methods of Agricultural Production (6 C, 4 SWS)

M.SIA.E14: Evaluation of rural development projects and policies (6 C, 4 SWS)

M.SIA.E31: Strategic management (6 C, 4 SWS)

M.SIA.E21: Rural Sociology (6 C, 4 SWS)

M.SIA.E23: Global agricultural value chains and developing countries (6 C, 4 SWS)

M.SIA.E24: Topics in rural development economics I (6 C, 4 SWS)

M.SIA.E33 : Responsible and sustainable food business in global contexts (6 C, 4 SWS)

M.SIA.E36: Institutions and the food system (6 C, 4 SWS)

M.SIA.E37: Agricultural policy analysis (6 C, 4 SWS)

M.WIWI-VWL.0008: Development Economics I: Macro Issues in Economic Development (6 C, 4 SWS)

iii) Wahlmodule

Aus folgenden Modulen müssen sechs Wahlmodule im Umfang von insgesamt 36 C erfolgreich absolviert werden. Es können auch die bislang nicht gewählten Wahlpflichtmodule des Studienschwerpunkts gewählt werden:

- M.Agr.0106 China economic development: from an agricultural economy to an emerging economy (6 C, 4 SWS)
- M.Agr. 0118: Applied Microeconomics (6 C, 4 SWS)
- M.SIA.A01: Organic livestock farming under temperate and tropical conditions (6 C, 4 SWS)
- M.SIA.A05: Aquaculture in the tropics and subtropics (6 C, 4 SWS)
- M.SIA.A06: Global aquaculture production, markets and challenges (6 C, 4 SWS)
- M.SIA.A07: Unconventional livestock and wildlife-management, utilization and conservation (6 C, 4 SWS)
- M.SIA.A08: Socio-ecology in livestock production systems (6 C, 4 SWS)
- M.SIA.A09: Sustainability in organic livestock production under temperate conditions (6 C, 4 SWS)
- M.SIA.A11: Tropical animal husbandry systems (6 C, 4 SWS)
- M.SIA.A12M: Multidisciplinary research in tropical production systems (6 C, 4 SWS)
- M.SIA.E02: Agricultural price theory (6 C, 4 SWS)
- M.SIA.E06: International markets and marketing for organic products (6 C, 4 SWS)
- M.SIA.E17M: Management and management accounting (6 C, 4 SWS)
- M.SIA.E19: Market integration and price transmission I (6 C, 4 SWS)
- M.SIA.E28: Regional Modelling (6 C, 4 SWS)
- M.SIA.E30M: Social research methods (6 C, 4 SWS)
- M.SIA.E34: Economic valuation of ecosystem services in developing countries (6 C, 4 SWS)
- M.SIA.E35: Institutional ecological economics (6 C, 4 SWS)
- M.SIA.I02: Management of (sub-)tropical landuse systems (6 C)
- M.SIA.I03: Food quality and organic food processing (6 C, 4 SWS)
- M.SIA.I07: International land use systems research - an interdisciplinary study tour (6 C, 8,5 SWS)
- M.SIA.I09: Sustainable nutrition (6 C, 6 SWS)
- M.SIA.I11M: Free Project (6 C)
- M.SIA.I13: Issues and methods in food business research (6 C, 4 SWS)
- M.SIA.I14M: GIS and remote sensing in agriculture (6 C, 4 SWS)
- M.SIA.P05: Organic cropping systems under temperate and (sub)tropical conditions (6 C, 4 SWS)
- M.SIA.P21: Energetic use of agricultural crops and field forage production
- M.SIA.P22: Management of tropical plant production systems (6 C, 4 SWS)

bb) International Organic Agriculture

i) Pflichtmodule

Folgendes Brückenmodul M.SIA.P07 und folgende vier Module im Umfang von insgesamt 30 C müssen erfolgreich absolviert werden. Das Brückenmodul kann bei entsprechendem Vorstudium auf Antrag durch ein Wahlpflichtmodul ersetzt werden.

- M.SIA.A01: Organic livestock farming under temperate and tropical conditions (6 C, 4 SWS)
- M.SIA.I10M: Applied statistical modelling (6 C, 4 SWS)
- M.SIA.I12: Sustainable International Agriculture: basic principles and approaches (6 C, 4 SWS)
- M.SIA.P05: Organic cropping systems under temperate and (sub)tropical conditions (6 C, 4 SWS)
- M.SIA.P07: Soil and plant science (6 C, 4 SWS)

ii) Wahlpflichtmodule

Aus folgenden Modulen müssen vier Module im Umfang von insgesamt 24 C (davon mindestens ein Modul zur Schulung des methodischen Arbeitens mit einem Code M sowie ein ökonomisches Modul mit einem Code E) erfolgreich absolviert werden:

- M.Agr.0056: Plant breeding methodology and genetic resources (6 C, 4 SWS)
- M.SIA.A09: Sustainability in organic livestock production under temperate conditions (6 C, 4 SWS)
- M.SIA.A10: Livestock nutrition and breeding under (sub)tropical conditions (6 C, 4 SWS)
- M.SIA.A12M: Multidisciplinary research in tropical production systems (6 C, 4 SWS)
- M.SIA.E05M: Marketing research (6 C, 4 SWS)
- M.SIA.E06: International markets and marketing for organic products (6 C, 4 SWS)
- M.SIA.E11: Socioeconomics of Rural Development and Food Security (6 C, 4 SWS)

M.SIA.E14: Evaluation of rural development projects and policies (6 C, 4 SWS)
M.SIA.E21: Rural Sociology (6 C, 4 SWS)
M.SIA.I03: Food quality and organic food processing (6 C, 4 SWS)
M.SIA.I06M: Exercise on the quality of tropical and subtropical products (6 C, 4 SWS)
M.SIA.I09: Sustainable nutrition (6 C, 6 SWS)
M.SIA.I14M: GIS and remote sensing in agriculture (6 C, 4 SWS)
M.SIA.P01: Ecology and agroecosystems (6 C, 4 SWS)
M.SIA.P03: Ecological soil microbiology (6 C, 4 SWS)
M.SIA.P06: Soil and water (6 C, 4 SWS)
M.Agr.0009: Biological control and biodiversity (6 C, 6 SWS)
M.SIA.P13: Agrobiodiversity and plant genetic resources in the tropics (6 C, 4 SWS)
M.SIA.P15M: Methods and advances in plant protection (6 C, 4 SWS)
M.SIA.P16M: Crop Modelling for Risk Management (6 C, 4 SWS)
M.SIA.P17M: Nutrient dynamics: long-term experiments and modelling (6 C, 4 SWS)
M.SIA.P20: Plant Nematology (6 C, 4 SWS)

iii) Wahlmodule

Aus folgenden Modulen müssen sechs Module im Umfang von insgesamt 36 C erfolgreich absolviert werden. Es können auch die bislang nicht gewählten Wahlpflichtmodule des Studienschwerpunkts gewählt werden.:

M.Agr.0124: Environmental economics and policy (6 C, 4 SWS)
M.Forst.1512: International forest policy and economics (6 C, 4 SWS)
M.Forst.1521: Ecopedology of the tropics and subtropics (6 C, 4 SWS)
M.Forst.1615: Forest growth and tree-based land use in the tropics (6 C, 4 SWS)
M.SIA.A02M: Epidemiology of international and tropical animal infectious diseases (6 C, 4 SWS)
M.SIA.A03M: International and tropical food microbiology and hygiene (6 C, 4 SWS)
M.SIA.A04: Livestock reproduction physiology (6 C, 4 SWS)
M.SIA.A05: Aquaculture in the tropics and subtropics (6 C, 4 SWS)
M.SIA.A06: Global aquaculture production, markets and challenges (6 C, 4 SWS)
M.SIA.A07: Unconventional livestock and wildlife-management, utilization and conservation (6 C, 4 SWS)
M.SIA.A08: Socio-ecology in livestock production systems (6 C, 4 SWS)
M.SIA.A11: Tropical animal husbandry systems (6 C, 4 SWS)
M.SIA.A13M: Livestock-based sustainable land use (6 C, 4 SWS)
M.Agr.0086: Weltagrarmärkte/ World agricultural markets and trade (6 C, 6 SWS)
M.SIA.E02: Agricultural price theory (6 C, 4 SWS)
M.SIA.E12M: Quantitative Research Methods in Rural Development Economics (6 C, 4 SWS)
M.SIA.E13M: Microeconomic Theory and Quantitative Methods of Agricultural Production (6 C, 4 SWS)
M.SIA.E17M: Management and management accounting (6 C, 4 SWS)
M.SIA.E18: Organization of Food Supply Chains (6 C, 4 SWS)
M.SIA.E23: Global agricultural value chains and developing countries (6 C, 4 SWS)
M.SIA.E24: Topics in Rural Development Economics I (6 C, 4 SWS)
M.SIA.E31: Strategic management (6 C, 4 SWS)
M.SIA.E30M: Social research methods (6 C, 4 SWS)
M.SIA.E33: Responsible and sustainable food business in global contexts (6 C, 4 SWS)
M.SIA.E35: Institutional ecological economics (6 C, 4 SWS)
M.SIA.E36: Institutions and the food system (6 C, 4 SWS)
M.SIA.E37: Agricultural policy analysis (6 C, 4 SWS)
M.SIA.I02: Management of (sub-)tropical land use systems (6 C)
M.SIA.I06M: Exercise on the quality of tropical and subtropical products (6 C, 4 SWS)
M.SIA.I07: International land use systems research - an interdisciplinary study tour (6 C, 8,5 SWS)
M.SIA.I11M: Free Project (6 C)
M.SIA.I13: Issues and methods in food business research (6 C, 4 SWS)
M.SIA.P08: Pests and diseases of tropical crops (6 C, 6 SWS)
M.SIA.P10: Tropical agro-ecosystem functions (6 C, 4 SWS)
M.SIA.P19M: Experimental Techniques in Tropical Agronomy (6 C, 4 SWS)
M.SIA.P21: Energetic use of agricultural crops and field forage production (6 C, 4 SWS)
M.SIA.P22: Management of tropical plant production systems (6 C, 4 SWS)
M.WIWI-VWL.0008: Development Economics I: Macro Issues in Economic Development (6 C, 4 SWS)

cc) Tropical Agricultural and Agroecosystems Sciences

i) Pflichtmodule

Folgendes Brückenmodul M.SIA.P07 und folgende vier Module im Umfang von insgesamt 30 C müssen erfolgreich absolviert werden. Das Brückenmodul kann bei entsprechendem Vorstudium auf Antrag durch ein Wahlpflichtmodul ersetzt werden.:

- M.SIA.A11: Tropical animal husbandry systems (6 C, 4 SWS)
- M.SIA.I10M: Applied statistical modelling (6 C, 4 SWS)
- M.SIA.I12: Sustainable International Agriculture: basic principles and approaches (6 C, 4 SWS)
- M.SIA.P07: Soil and plant science (6 C, 4 SWS)
- M.SIA.P22: Management of tropical plant production systems (6 C, 4 SWS)

ii) Wahlpflichtmodule

Aus folgenden Modulen müssen vier Module im Umfang von insgesamt 24 C (davon mindestens ein Modul zur Schulung des methodischen Arbeitens mit einem Code M sowie ein ökonomisches Modul mit einem Code E) erfolgreich absolviert werden:

- M.Agr.0056: Plant breeding methodology and genetic resources (6 C, 4 SWS)
- M.Forst.1521: Ecopedology of the tropics and subtropics (6 C, 4 SWS)
- M.SIA.A02M: Epidemiology of international and tropical animal infectious diseases (6 C, 4 SWS)
- M.SIA.A03M: International and tropical food microbiology and hygiene (6 C, 4 SWS)
- M.SIA.A04: Livestock reproduction physiology (6 C, 4 SWS)
- M.SIA.A05: Aquaculture in the tropics and subtropics (6 C, 4 SWS)
- M.SIA.A06: Global aquaculture production, markets and challenges (6 C, 4 SWS)
- M.SIA.A10: Livestock nutrition and breeding under (sub)tropical conditions (6 C, 4 SWS)
- M.SIA.A12M: Multidisciplinary research in tropical production systems (6 C, 4 SWS)
- M.SIA.A13M: Livestock-based sustainable land use (6 C, 4 SWS)
- M.SIA.E11: Socioeconomics of Rural Development and Food Security (6 C, 4 SWS)
- M.SIA.I06M: Exercise on the quality of tropical and subtropical products (6 C, 4 SWS)
- M.SIA.I14M: GIS and remote sensing in agriculture (6 C, 4 SWS)
- M.SIA.P01: Ecology and agroecosystems (6 C, 4 SWS)
- M.SIA.P04: Plant nutrition in the tropics and subtropics (6 C, 4 SWS)
- M.SIA.P05: Organic cropping systems under temperate and (sub)tropical conditions (6 C, 4 SWS)
- M.SIA.P08: Pests and diseases of tropical crops (6 C, 6 SWS)
- M.SIA.P10: Tropical agro-ecosystem functions (6 C, 4 SWS)
- M.SIA.P13: Agrobiodiversity and plant genetic resources in the tropics (6 C, 4 SWS)
- M.SIA.P15M: Methods and advances in plant protection (6 C, 4 SWS)
- M.SIA.P16M: Crop Modelling for Risk Management (6 C, 4 SWS)
- M.SIA.P17M: Nutrient dynamics: long-term experiments and modelling (6 C, 4 SWS)
- M.SIA.P19M: Experimental Techniques in Tropical Agronomy (6 C, 4 SWS)

iii) Wahlmodule

Aus folgenden Modulen müssen sechs Module im Umfang von insgesamt 36 C erfolgreich absolviert werden. Es können auch die bislang nicht gewählten Wahlpflichtmodule des Studienschwerpunkts gewählt werden.:

- M.Agr.0124: Environmental economics and policy (6 C, 4 SWS)
- M.Forst.1512: International forest policy and economics (6 C, 4 SWS)
- M.Forst.1615: Forest growth and tree-based land use in the tropics (6 C, 4 SWS)
- M.SIA.A01: Organic livestock farming under temperate and tropical conditions (6 C, 4 SWS)
- M.SIA.A07: Unconventional livestock and wildlife-management, utilization and conservation (6 C, 4 SWS)
- M.SIA.A08: Socio-ecology in livestock production systems (6 C, 4 SWS)
- M.Agr.0086: Weltagrarmärkte/ World agricultural markets and trade (6 C, 6 SWS)
- M.SIA.E02: Agricultural price theory (6 C, 4 SWS)
- M.SIA.E05M: Marketing research (6 C, 4 SWS)
- M.SIA.E06: International markets and marketing for organic products (6 C, 4 SWS)
- M.SIA.E12M: Quantitative Research Methods in Rural Development Economics (6 C, 4 SWS)
- M.SIA.E13M: Microeconomic Theory and Quantitative Methods of Agricultural Production (6 C, 4 SWS)
- M.SIA.E14: Evaluation of rural development projects and policies (6 C, 4 SWS)
- M.SIA.E17M: Management and management accounting (6 C, 4 SWS)
- M.SIA.E18: Organization of Food Supply Chains (6 C, 4 SWS)

M.SIA.E21: Rural Sociology (6 C, 4 SWS)
M.SIA.E23: Global agricultural value chains and developing countries (6 C, 4 SWS)
M.SIA.E24: Topics in Rural Development Economics I (6 C, 4 SWS)
M.SIA.E30M: Social research methods (6 C, 4 SWS)
M.SIA.E31: Strategic management (6 C, 4 SWS)
M.SIA.E33: Responsible and sustainable food business in global contexts (6 C, 4 SWS)
M.SIA.E35: Institutional ecological economics (6 C, 4 SWS)
M.SIA.E36: Institutions and the food system (6 C, 4 SWS)
M.SIA.E37: Agricultural policy analysis (6 C, 4 SWS)
M.SIA.I02: Management of (sub-)tropical landuse systems (6 C)
M.SIA.I03: Food quality and organic food processing (6 C, 4 SWS)
M.SIA.I07: International land use systems research - an interdisciplinary study tour (6 C, 8,5 SWS)
M.SIA.I09: Sustainable nutrition (6 C, 6 SWS)
M.SIA.I11M: Free Project (6 C)
M.SIA.I13: Issues and methods in food business research (6 C, 4 SWS)
M.SIA.P03: Ecological soil microbiology (6 C, 4 SWS)
M.SIA.P06: Soil and water (6 C, 4 SWS)
M.SIA.P21: Energetic use of agricultural crops and field forage production (6 C, 4 SWS)
M.Agr.0009: Biological control and biodiversity (6 C, 6 SWS)
M.SIA.P20: Plant Nematology (6 C, 4 SWS)
M.WIWI-VWL.0008: Development Economics I: Macro Issues in Economic Development (6 C, 4 SWS)

b) Masterarbeit

Durch die erfolgreiche Anfertigung der Masterarbeit werden 24 C erworben.

c) Kolloquium zur Masterarbeit

Durch das erfolgreiche Absolvieren des Kolloquiums zur Master-Arbeit werden 6 C erworben.

Ergänzende Modulübersicht für Studierende des Double-Degree-Programms mit der Universität Talca

a) Studium an den Universitäten Kassel und Göttingen im 1. und 2. Semester

aa) Studium an den Universitäten Kassel und Göttingen

Studierende absolvieren während der ersten zwei Studiensemester an den Universitäten Kassel und Göttingen nachfolgendes Studienprogramm.

i) Pflichtmodule

Die folgenden vier Pflichtmodule müssen erfolgreich abgelegt werden:

M.Agr.0086: Weltagrarmärkte (6 C, 6 SWS)
M.SIA.E11: Socioeconomics of Rural Development and Food Security (6 C, 4 SWS)
M.SIA.I12: Sustainable International Agriculture: basic principles and approaches (6 C, 4 SWS)
M.WIWI-QMW.0004: Econometrics I (6 C, 4 SWS)

ii) Wahlpflichtmodule

Von den folgenden Wahlpflichtmodulen müssen drei erfolgreich erbracht werden:

M.SIA.E05M: Marketing research (6 C, 4 SWS)
M.SIA.E12M: Quantitative Research Methods in Rural Development Economics (6 C, 4 SWS)
M.SIA.E13M: Microeconomic Theory and Quantitative Methods of Agricultural Production (6 C, 4 SWS)
M.SIA.E14: Evaluation of rural development projects and policies (6 C, 4 SWS)
M.SIA.E18: Organization of food supply chains (6 C, 4 SWS)
M.SIA.E21: Rural Sociology (6 C, 4 SWS)
M.SIA.E23: Global agricultural value chains and developing countries (6 C, 4 SWS)
M.SIA.E24: Topics in Rural Development Economics I (6 C, 4 SWS)
M.SIA.E31: Strategic management (6 C, 4 SWS)
M.SIA.E33: Responsible and sustainable food business in global contexts (6 C, 4 SWS)
M.SIA.E36: Institutions and the food system (6 C, 4 SWS)
M.SIA.E37: Agricultural policy analysis (6 C, 4 SWS)
M.WIWI-VWL.0008: Development Economics I: Macro Issues in Economic Development (6 C, 4 SWS)

iii) Wahlmodule

Von den folgenden Modulen (oder bisher nicht gewählten Wahlmodule der Spezialisierungsrichtung) müssen drei Module erfolgreich erbracht werden:

M.SIA.A01: Organic livestock farming under temperate and tropical conditions (6 C, 4 SWS)

M.SIA.A05: Aquaculture in the tropics and subtropics (6 C, 4 SWS)

M.SIA.A06: Global aquaculture production, markets and challenges (6 C, 4 SWS)

M.SIA.A07: Unconventional livestock and wildlife-management, utilization and conservation (6 C, SWS)

M.SIA.A08: Social-ecology in livestock production systems (6 C, 4 SWS)

M.SIA.A09: Sustainability in organic livestock production under temperate conditions (6 C, 4 SWS)

M.SIA.A11: Tropical animal husbandry systems (6 C, 4 SWS)

M.SIA.A12M: Multidisciplinary research in tropical production systems (6 C, 4 SWS)

M.SIA.E02: Agricultural price theory (6 C, 4 SWS)

M.SIA.E06: International markets and marketing for organic products (6 C, 4 SWS)

M.SIA.E17M: Management and management accounting (6 C, 4 SWS)

M.SIA.E19: Market integration and price transmission I (6 C, 4 SWS)

M.SIA.E28: Regional Modelling (6 C, 4 SWS)

M.SIA.E30M: Social Research Methods (6 C, 4 SWS)

M.SIA.I02: Management of (sub-)tropical landuse systems (6 C)

M.SIA.I03: Food quality and organic food processing (6 C, 4 SWS)

M.SIA.I07: International land use systems research - an interdisciplinary study tour (6 C, 8,5 SWS)

M.SIA.I09: Sustainable nutrition (6 C, 6 SWS)

M.SIA.I11M: Free Project (6 C)

M.SIA.I13: Issues and methods in food business research (6 C, 4 SWS)

M.SIA.I14M: GIS and Remote Sensing in Agriculture (6 C, 4 SWS)

M.SIA.P02: Energetic and technical use of agricultural crops (6 C, 4 SWS)

M.SIA.P05: Organic cropping systems under temperate and (sub)tropical conditions (6 C, 4 SWS)

M.SIA.P22: Management of tropical plant production systems (6 C, 4 SWS)

bb) Studium an der Universität Talca

Während der letzten zwei Semester an der Universität Talca müssen Studierende folgende Module absolvieren:

i) Wahlpflichtmodule

Von den folgenden Modulen müssen zwei Wahlpflichtmodule erfolgreich erbracht werden:

M.SIA.UT-C-11: Managerial Economics (6 C, 6 SWS)

M.SIA.UT-C-12: Marketing in Agribusiness I (Strategic Marketing) (6 C, 6 SWS)

M.SIA.UT-M-40: Applied Econometrics (6 C)

M.SIA.UT-M-41: Innovation Management in the Agroindustry and Food Chain (6 C)

M.SIA.UT-M-42: Quality Management and Food Safety (6 C)

ii) Wahlmodule

Von den folgenden Modulen müssen drei Wahlmodule erfolgreich erbracht werden:

M.SIA.UT-O-13: Strategic Management (6 C, SWS)

M.SIA.UT-O-15: Technologies in Fruit and Wine Production (6 C, 6 SWS)

M.SIA.UT-O-16: Development Economics in Latin America (6 C, 5 SWS)

M.SIA.UT-O-28: Financial Management II (6 C)

M.SIA.UT-O-29: Formulation and Project Appraisal for Agricultural and Agroindustry (6 C)

M.SIA.UT-O-30: Environmental Economics and Environmental Impact Analysis of Agribusiness Projects (6 C)

b) Studium an den Universitäten Kassel und Göttingen im 1. und 4. Semester

Erstes Semester an den Universitäten Göttingen und Kassel, zwei Semester an der Universität Talca, das letzte Semester in Göttingen und Kassel.

aa) Studium an den Universitäten Kassel und Göttingen

Studierende müssen während des ersten Semesters an den Universitäten Göttingen und Kassel absolvieren:

i) Pflichtmodule

Die folgenden drei Pflichtmodule müssen erfolgreich erbracht werden:

M.SIA.E11: Socioeconomics of Rural Development and Food Security (6 C, 4 SWS)

M.SIA.I12: Sustainable International Agriculture: basic principles and approaches (6 C, 4 SWS)

M.WIWI-QMW.0004: Econometrics I (6 C, 4 SWS)

ii) Wahlpflichtmodule

Von den folgenden Wahlpflichtmodulen muss ein Modul erfolgreich erbracht werden:

M.SIA.E05M: Marketing research (6 C, 4 SWS)

M.SIA.E12M: Quantitative Research Methods in Rural Development Economics (6 C, 4 SWS)

M.SIA.E13M: Microeconomic Theory and Quantitative Methods of Agricultural Production (6 C, 4 SWS)

M.SIA.E14: Evaluation of rural development projects and policies (6 C, 4 SWS)

M.SIA.E18: Organization of food supply chains (6 C, 4 SWS)

M.SIA.E21: Rural Sociology (6 C, 4 SWS)

M.SIA.E23: Global agricultural value chains and developing countries (6 C, 4 SWS)

M.SIA.E24: Topics in Rural Development Economics I (6 C, 4 SWS)

M.SIA.E31: Strategic management (6 C, 4 SWS)

M.SIA.E33: Responsible and sustainable food business in global contexts (6 C, 4 SWS)

M.SIA.E36: Institutions and the food system (6 C, 4 SWS)

M.SIA.E37: Agricultural policy analysis (6 C, 4 SWS)

M.WIWI-VWL.0008: Development Economics I: Macro Issues in Economic Development (6 C, 4 SWS)

iii) Wahlmodule

Von den folgenden Wahlmodulen muss ein Modul erfolgreich erbracht werden:

M.SIA.A01: Organic livestock farming under temperate and tropical conditions (6 C, 4 SWS)

M.SIA.A05: Aquaculture in the tropics and subtropics (6 C, 4 SWS)

M.SIA.A06: Global aquaculture production, markets and challenges (6 C, 4 SWS)

M.SIA.A07: Unconventional livestock and wildlife-management, utilization and conservation (6 C, SWS)

M.SIA.A08: Social-ecology in livestock production systems (6 C, 4 SWS)

M.SIA.A09: Sustainability in organic livestock production under temperate conditions (6 C, 4 SWS)

M.SIA.A11: Tropical animal husbandry systems (6 C, 4 SWS)

M.SIA.A12M: Multidisciplinary research in tropical production systems (6 C, 4 SWS)

M.SIA.E02: Agricultural price theory (6 C, 4 SWS)

M.SIA.E06: International markets and marketing for organic products (6 C, 4 SWS)

M.SIA.E17M: Management and management accounting (6 C, 4 SWS)

M.SIA.E19: Market integration and price transmission I (6 C, 4 SWS)

M.SIA.E28: Regional Modelling (6 C, 4 SWS)

M.SIA.E30M: Social Research Methods (6 C, 4 SWS)

M.SIA.I02: Management of (sub-)tropical land use systems (6 C)

M.SIA.I03: Food quality and organic food processing (6 C, 4 SWS)

M.SIA.I07: International land use systems research - an interdisciplinary study tour (6 C, 8,5 SWS)

M.SIA.I09: Sustainable nutrition (6 C, 6 SWS)

M.SIA.I11M: Free Project (6 C)

M.SIA.I13: Issues and methods in food business research (6 C, 4 SWS)

M.SIA.I14M: GIS and Remote Sensing in Agriculture (6 C, 4 SWS)

M.SIA.P02: Energetic and technical use of agricultural crops (6 C, 4 SWS)

M.SIA.P05: Organic cropping systems under temperate and (sub)tropical conditions (6 C, 4 SWS)

M.SIA.P22: Management of tropical plant production systems (6 C, 4 SWS)

bb) Studium an der Universität Talca

Studierende absolvieren während der ersten zwei Studiensemester an der Universität Talca nachfolgendes Studienprogramm:

i) Pflichtmodule

Das folgende Pflichtmodul muss erfolgreich erbracht werden:

M.Agr.0086: Weltagrarmärkte (6 C, 6 SWS)

ii) Wahlpflichtmodule

Von den folgenden Wahlpflichtmodulen müssen vier Module erfolgreich erbracht werden:

M.SIA.UT-C-11: Managerial Economics (6 C, 6 SWS)

M.SIA.UT-C-12: Marketing in Agribusiness I (Strategic Marketing) (6 C, 6 SWS)

M.SIA.UT-C-21M: Methods for Socio-Economic Analysis (6 C, SWS)

M.SIA.UT-C-22: Financial Management I (6 C, 6 SWS)

M.SIA.UT-O-27: Introduction into Agricultural Policy (6 C)

iii) Wahlmodule

Von den folgenden Modulen (oder bisher nicht gewählte Wahlmodule der Spezialisierungsrichtung) müssen fünf Module erfolgreich erbracht werden:

M.SIA.UT-O-13: Strategic Management (6 C, SWS)

M.SIA.UT-O-14: Agricultural Price Theory (6 C, SWS)

M.SIA.UT-O-15: Technologies in Fruit and Wine Production (6 C, 6 SWS)

M.SIA.UT-O-16: Development Economics in Latin America (6 C, 5 SWS)

M.SIA.UT-O-23: Human Resources Management (6 C, SWS)

M.SIA.UT-O-24M: Marketing in Agribusiness II (Marketing Research) (6 C, SWS)

M.SIA.UT-O-25: Principles, Monitoring and Methods of Agricultural Projects Development Policies (6 C, 6 SWS)

M.SIA.UT-O-26: Agricultural Innovation and Extension (6 C, 6 SWS)

M.SIA.UT-O-27: Introduction into Agricultural Policy (6 C)

c) Studium an den Universitäten Kassel und Göttingen im 3. und 4. Semester

aa) Studium an der Universität Talca

Studierende absolvieren während der ersten zwei Studiensemester an der Universität Talca nachfolgendes Studienprogramm.

i) Pflichtmodule

Es sind folgende fünf Module im Umfang von insgesamt 30 C erfolgreich zu absolvieren:

M.Agr.0086: Weltagrarmärkte/ World agricultural markets and trade (6 C, 6 SWS)

M.SIA.UT-C-11: Managerial Economics (6 C, 6 SWS)

M.SIA.UT-C-12: Marketing in Agribusiness I (Strategic Marketing) (6 C, 6 SWS)

M.SIA.UT-C-21M: Methods for Socio-Economic Analysis (6 C, 6 SWS)

M.SIA.UT-C-22: Financial Management I (6 C, 6 SWS)

ii) Wahlpflichtmodule

Aus folgenden Modulen müssen 5 Wahlmodule im Umfang von insgesamt 30 C (bzw. nicht absolvierte Wahlpflichtmodule) erfolgreich absolviert werden.

M.SIA.UT-O-13: Strategic Management (6 C, 6 SWS)

M.SIA.UT-O-14: Agricultural Price Theory (6 C, 4 SWS)

M.SIA.UT-O-15: Technologies in Fruit and Wine Production (6 C, 6 SWS)

M.SIA.UT-O-16: Development Economics in Latin America (6 C, 5 SWS)

M.SIA.UT-O-23: Human Resources Management (6 C, 6 SWS)

M.SIA.UT-O-24M: Marketing in Agribusiness II (Marketing Research) (6 C, 6 SWS)

M.SIA.UT-O-25: Principles, Monitoring and Methods of Agricultural Projects Development Policies (6 C, 6 SWS)

M.SIA.UT-O-26: Agricultural Innovation and Extension (6 C, 6 SWS)

bb) Universitäten Kassel und Göttingen

Während ihres Studiensemesters an den Universitäten Kassel und Göttingen müssen die Studierenden aus dem folgenden Modulangebot Module absolvieren.

i) Pflichtmodule

Folgende drei Module im Umfang von insgesamt 18 C müssen erfolgreich absolviert werden.

M.SIA.E11: Socioeconomics of Rural Development and Food Security (6 C, 4 SWS)

M.SIA.I12: Sustainable International Agriculture: basic principles and approaches (6 C, 4 SWS)

M.WIWI-QMW.0004: Econometrics I (6 C, 4 SWS)

ii) Wahlpflichtmodule

Aus folgenden Modulen muss ein Wahlpflichtmodul im Umfang von 6 C erfolgreich absolviert werden.

M.SIA.E05M: Marketing research (6 C, 4 SWS)

M.SIA.E12M: Quantitative Research Methods in Rural Development Economics (6 C, 4 SWS)

M.SIA.E13M: Microeconomic Theory and Quantitative Methods of Agricultural Production (6 C, 4 SWS)

M.SIA.E14: Evaluation of rural development projects and policies (6 C, 4 SWS)

M.SIA.E18: Organization of food supply chains (6 C, 4 SWS)

M.SIA.E21: Rural Sociology (6 C, 4 SWS)

M.SIA.E23: Global agricultural value chains and developing countries (6 C, 4 SWS)

M.SIA.E24: Topics in Rural Development Economics I (6 C, 4 SWS)

M.SIA.E31: Strategic management (6 C, 4 SWS)

M.SIA.E33: Responsible and sustainable food business in global contexts (6 C, 4 SWS)

M.SIA.E37: Agricultural policy analysis (6 C, 4 SWS)

iii) Wahlmodule

Aus folgenden Modulen (oder den bislang nicht gewählten Wahlpflichtmodulen des Studienschwerpunkts) muss ein Wahlmodul im Umfang von insgesamt 6 C erfolgreich absolviert werden.

M.Forst.1512: International forest policy and economics (6 C, 4 SWS)

M.SIA.A01: Organic livestock farming under temperate and tropical conditions (6 C, 4 SWS)

M.SIA.A05: Aquaculture in the tropics and subtropics (6 C, 4 SWS)

M.SIA.A06: Global aquaculture production, markets and challenges (6 C, 4 SWS)

M.SIA.A07: Unconventional livestock and wildlife-management, utilization and conservation (6 C, 4 SWS)

M.SIA.A08: Socio-ecology in livestock production systems (6 C, 4 SWS)

M.SIA.A09: Sustainability in organic livestock production under temperate conditions (6 C, 4 SWS)

M.SIA.A11: Tropical animal husbandry systems (6 C, 4 SWS)

M.SIA.A12M: Multidisciplinary research in tropical production systems (6 C, 4 SWS)

M.SIA.E02: Agricultural price theory (6 C, 4 SWS)

M.SIA.E06: International markets and marketing for organic products (6 C, 4 SWS)

M.SIA.E17M: Management and management accounting (6 C, 4 SWS)

M.SIA.E19: Market integration and price transmission I (6 C, 4 SWS)

M.SIA.I02: Management of (sub-)tropical landuse systems (6 C)

M.SIA.I03: Food quality and organic food processing (6 C, 4 SWS)

M.SIA.I07: International land use systems research - an interdisciplinary study tour (6 C, 8,5 SWS)

M.SIA.I09: Sustainable nutrition (6 C, 6 SWS)

M.SIA.I11M: Free Project (6 C)

M.SIA.I14M: GIS and remote sensing in agriculture (6 C, 4 SWS)

M.SIA.P21: Energetic use of agricultural crops and field forage production (6 C, 4 SWS)

M.SIA.P05: Organic cropping systems under temperate and (sub)tropical conditions (6 C, 4 SWS)

M.SIA.P22: Management of tropical plant production systems (6 C, 4 SWS)

cc) Masterarbeit

Durch die erfolgreiche Anfertigung der Masterarbeit werden 24 C erworben.

dd) Kolloquium zur Masterarbeit

Durch das erfolgreiche Absolvieren des Kolloquiums zur Master-Arbeit werden 6 C erworben.

2. Das Modulhandbuch wird um folgende Modulbeschreibungen ergänzt:

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.Agr.0106: China economic development: From an agricultural economy to an emerging economy		4 SWS
Learning outcome, core skills: Learn the basic logics behind each econometric model, understand the tests for model specification, and appropriately explain the model outputs in connection to economic theories.		Weekly lecture hours in total: Attendance time: 56 h Self-study time: 124 h
Course: China economic development: From an agricultural economy to an emerging economy (Lecture, Seminar) <i>Contents:</i> The lecture is designed for master students enrolled at the University of Göttingen. The course covers experiences and lessons to be drawn from China's economic transformation, by explaining the root causes for a shift from an agriculturally dominated to an emerging economy.		4 WLH
Examination: Presentation (about 25 minutes, 50%) and homework (max 15 pages, 50%) Examination requirements: Presentation and critical discussion of a scientific aspect of China's economic transformation.		6 C
Admission requirements: none	Recommended previous knowledge: none	
Language: English	Person responsible for module: Prof. Xiaohua Yu	
Course frequency: each winter semester	Duration: 1 semester[s]	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 25		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.Agr.0118: Applied microeconometrics		4 SWS
Learning outcome, core skills: Learn the basic logics behind each econometric model, understand the tests for model specification, and appropriately explain the model outputs in connection to economic theories.		Weekly lecture hours in total: Attendance time: 40 h Self-study time: 140 h
Course: Applied Microeconometrics" (Lecture, Seminar, Practical) <i>Contents:</i> This course mainly teaches how to correctly apply basic econometric models to studying specific research questions for master level students in agricultural economics, agribusiness, and related programs at the University of Goettingen. The main software package used in this course will be STATA.		4 SWS
Examination: Written examination (120 minutes, 70%) and Homework (max. 12 pages, 30%) Examination requirements: Understand the econometric models taught in the class Use Stata skillfully		
Admission requirements: Econometrics I	Recommended previous knowledge: none	
Language: Englisch	Person responsible for module: Prof. Xiaohua Yu	
Course frequency: each summer semester	Duration: 1 Semester	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 25		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.Agr.0124: Environmental economics and policy		4 SWS
Learning outcome, core skills: This module provides students with an overview of environmental and natural resource economics and in-depth knowledge of selected issues. Students will learn the basic theoretic concepts and methods applied in environmental economics. They will also learn to evaluate environmental policies. A special focus is placed on international and global environmental issues (e.g. climate change).		Weekly lecture hours in total: Attendance time: 56 h Self-study time: 124 h
Course: Environmental economics and policy (Lecture, Exercise) <i>Contents:</i> <ul style="list-style-type: none"> • Property rights, externalities and the environment • Efficiency and sustainability • Valuing the environment • Selected topics of natural resource economics (land, common-pool resources) • Perspectives on environmental policy (command&control versus incentives) • Global environmental issues (climate change) • Development and the environment 		4 WLH
Examination: Written examination (90 minutes) M.Agr.0124.Mp: Environmental Economics and Policy Examination requirements: Students have acquired in-depth knowledge on the above mentioned topics. They can explain and apply the theoretical concepts and methods taught in this course. They can evaluate environmental policies.		6 C
Admission requirements: Basic knowledge in agricultural economics and/or microeconomics	Recommended previous knowledge: none	
Language: English	Person responsible for module: Prof. Dr. Meike Wollni	
Course frequency: each summer semester	Duration: 1 semester[s]	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 60		
Additional notes and regulations: The exam can be done in german.		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.SIA.E34: Economic valuation of ecosystem services in developing countries		4 SWS
Learning outcome, core skills: Students get introduced to the essential concepts and methods of interdisciplinary Ecosystem Services (ES) research. Special emphasis will be put on the integrated and systematic assessment of ES, including their dependencies of and impacts on biodiversity, climate change and development. Students will familiarize themselves with common methods of economic valuation of ES and learn about different examples of practical implementation in developing countries. Within the scope of a presentation and a term paper, students will review and evaluate selected scientific literature, process the findings in an environmental-economic analysis and compile results and derived policy recommendations for better maintenance, sustainable use and integration of ES into development planning.		Weekly lecture hours in total: Attendance time: 56 h Self-study time: 124 h
Course: Economic valuation of ecosystem services in developing countries (Lecture, Seminar) <i>Contents:</i> Integrated and interdisciplinary analysis of ES Dynamic linkages between ES, biodiversity, climate change and development Methods and applications of economic valuation of ES Implementation examples from developing countries Integration of ES in development planning (entry points to the policy cycle) Practical application in a case study (literature work, monetary quantification)		4 SWS
Examination: Examination prerequisites: Homework (max. 20 pages, 70%) and oral presentation (approx. 30 minutes, 30%) Examination requirements: For a given case study students will develop appropriate analytical strategies and implement them with the help of identified scientific literature. Methodological knowledge provided during the lectures will be essential for the case work. Most relevant results will be summarized in a presentation. The compilation of the term paper requires basic techniques of scientific literature research.		
Admission requirements: none	Recommended previous knowledge: M.Agr.0079 Environmental Economics and Policy or similar skills	
Language: English	Person responsible for module: Prof. Dr. Meike Wollni	
Course frequency: each winter semester	Duration: 1 semester	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 30		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.SIA.E35 Institutional ecological economics		4 SWS
Learning outcome, core skills: Students <ul style="list-style-type: none"> • Will become familiar with the basic understandings of ecological economics and their relation to the role of institutions and governance • Will become familiar with mainstream and critical approaches related to understandings of collective action and co-production involving higher levels of state authority in relation to regulating social ecological systems • Will be aware of prominent research designs and methods for analyzing the role of institutions in social-ecological systems (SES) • Will be able to illustrate their capacities in the context of discussing and developing research on the role of institutions and governance in empirical settings 		Weekly lecture hours in total: Attendance time: 60 h Self-study time: 120 h
Course: Institutional ecological economics (Lecture, Seminar, Excursion) <i>Contents:</i> The regulation of stocks and flows is core in Ecological Economics in order to maintain economies sustainable. This module engages specifically with regulations containing institutions and governance that shape collective action and co-production in relation to complex adaptive Social-ecological Systems. The module starts out with introducing the ecological economic model of the economy. In a detailed fashion it introduces the perspective of the Bloomington School of Political Economy for the analysis of institutions and governance of social-ecological systems. Core aspects here are the determinants of success and failure in collective action and co-production and related perspectives of co-management, collaborative management, polycentricity, adaptive governance, resilience, etc.. Subsequently, it treats some of the main criticisms of these kinds of approaches before it introduces the principal research designs and methods for analysing the role of institutions and governance in complex-adaptive social-ecological systems. Finally, knowledge is brought together in the context of developing research proposals addressing concrete empirical issues that are introduced by students or the excursion.		4 SWS
Examination: Term Paper 1 and presentation (ca. 10 min.; ca. 12 p.) 40%; Term Paper 2 (ca. 17 p.) 60%		
Examination prerequisites: four oral and written literature discussions (not graded, max 2 pages, 5 minutes), participation in preparation and evaluation of excursion, participation in the excursion and its preparation and evaluation.		
Admission requirements: none	Recommended previous knowledge: Background in agricultural and environmental policy and economics	
Language: English	Person responsible for module: Prof. Dr. Andreas Thiel, N.N.	
Course frequency: Annually, SoSe (summer term); Witzenhausen	Duration: 1 Semester	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students:		
Additional notes and regulations: Literature: Ostrom, E., 2005. Understanding institutional diversity. Princeton Univ. Press, Princeton, NJ.; further seminar papers will be circulated to students		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.SIA.36 Institutions and the food system		4 SWS
Learning outcome, core skills: Students <ul style="list-style-type: none"> • Will become familiar with the role of institutions and governance in the food system • Will be familiar with public choice and political science approaches to the analysis of constitutions and policies and their change • Will be familiar with theories of decentral and central institutional change in the traditions of economics, political science and sociology • Will apply this conceptual knowledge concerning the role, performance and change of institutions and governance of a variety of aspects of food systems in different countries in and outside Europe • Will review global drivers of change of food and agricultural production systems 		Weekly lecture hours in total: Attendance time: 60 h Self-study time: 120 h
Course: Institutions and the food system Lecture, Seminar, Group work, Excursion <i>Contents:</i> Institutions are core elements structuring economic exchange in the food system. The course starts out with a discussion of what institutions are and what roles a stratified, multi-disciplinary concept of institutions has in food and agricultural systems and their change. Approaches will cover the study of institutions in classical and new institutional economics, in evolutionary economics, in economic sociology and in political sciences. Subsequently, discussions will be organized along public choice and constructivist approaches to understanding centrally driven institutional change on the one hand and economic and constructivist approaches to understanding decentral institutional change on the other. Discussions of the role of institutions for performance of the food and agricultural sectors and their change will be illustrated through ample recourse to examples drawn from studies of the food and agricultural production systems in and outside of Europe. That way, principal drivers of the change of food systems will be reviewed. In this regard, as far as possible examples will be drawn from one particular cultural, national or regional context. Ending the module, potentials and limits of researching the role of institutions in the food and agricultural sectors will be evaluated and corresponding research designs will be discussed.		4 SWS
Examination: oral exam 25 min. (60%) and term paper (15 pages) (40%)		
Examination prerequisites: four oral and written literature discussions (not graded, max 2 pages, 5 minutes), participation in the excursion/ thematic day and its preparation/ evaluation.		
Admission requirements: none	Recommended previous knowledge: Background in agricultural and environmental policy and economics	
Language: English	Person responsible for module: Prof. Dr. Andreas Thiel, N.N.	
Course frequency: Annually, WiSe (winter term); Witzenhausen	Duration: 1 Semester	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students:		
Additional notes and regulations:		
Literature: Literature and seminar papers will be circulated to students at the beginning of term		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.SIA.E37: Agricultural policy analysis		4 SWS
Learning outcome, core skills: Students get an overview on EU institutions and the history of the EU's common agricultural policy (CAP) Students learn different theories and methods for the analysis of agricultural policies Students learn how to analyse different policy measures and instruments and evaluate them		Weekly lecture hours in total: Attendance time: 56 h Self-study time: 124 h
Course: Agricultural policy analysis (Lecture) <i>Contents:</i> 1. Introduction into Economic Policy and Economic Theory Definition of agricultural policy, Analytical framework of economic analysis, Objectives, measures, institutions, The coordination process, a model for the economic process 2. Market Failure Public Goods & externalities, Market power & monopolistic behavior, State intervention due to Instability of markets, State intervention & government failure, principal-agent theory 3. The European Union – A short introduction History of the EU, the importance of the agricultural sector in the EU, institutions and political structure of the EU, decision-process in the EU, 4. The EU's common agricultural policy: Description and Analysis The history and analysis of the Common Agricultural Policy (CAP) of the EU 5. Introduction into Environmental policy Objectives, measures and analysis and interaction with agricultural policy Literatur: B. Hill (2013): Understanding the Common Agricultural Policy, Earthscan A. Cunha & A. Swinbank (2011): An Inside View of the CAP Reform Process, Oxford University Press A. Oskam, G. Meester & H. Silvis (2011): EU policy for agriculture, food and rural areas, Wageningen, University Press Swinnen, Johan F.M. (2008): The Perfect Storm – the political Economy of the Fischler Reforms of the Common Agricultural Policy, Centre for European Policy Studies, Brussels Krugman, P.R., M. Obstfeld & M.J. Melitz (2011), International Economics (9.Ed.), Pearson		
Examination: written exam (90 Minutes) Examination prerequisites: Fundamental knowledge of EU institutions and the EU's common agricultural Policy (CAP) Knowledge of different theories and methods to analyze agricultural policies Analysis of different measures and instruments of the EU's common agricultural policy (CAP)		
Admission requirements: none	Recommended previous knowledge: Microeconomics	
Language: English	Person responsible for module: Dr. Sebastian Lakner	
Course frequency: Annually, WiSe (winter term); Goettingen	Duration: 1 Semester	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: none		

Georg-August-Universität Göttingen, Universität Kassel/Witzenhausen		6 C
Modul M.SIA.P22: Management of tropical plant production systems		4 SWS
Learning outcome, core skills: Knowledge of botanical, ecological and agronomic facts of presented crops and cropping systems. The students should be able to classify crops and cropping systems in relation to site conditions and undertake system-orientated evaluation of sustainable production.		Weekly lecture hours in total: Attendance time: 60 h Self-study time: 120 h
Course: Management of tropical plant production systems (Lecture) <i>Contents:</i> Presentation of the most important crops with respect to: botany, morphology, origin, climatic and ecological requirements, crop production, harvest procedure, significance in local farming systems, utilisation as food, feed, raw materials and as bioenergy source. Discussion of specific cropping systems in the tropics and subtropics and specific management systems for the sustainable improvement of productivity. Literature: Rehm, S., Espig, G. 1991: The Cultivated Plants of the Tropics and Subtropics. Verlag Josef Margraf. Weikersheim, Germany; lecture notes		4 SWS
Examination: Written exam (90 minutes) or oral exam (ca. 30 minutes) Examination prerequisites: Crops and production systems in the tropics Examination requirements: Knowledge of botanical, ecological and agronomic facts of the presented crops and cropping systems. Knowledge of the assignment of crops and cropping systems to different site conditions, as well as system-oriented evaluation of sustainable production at selected sites.		
Admission requirements: Basic knowledge on plant production (BSc-level)	Recommended previous knowledge: none	
Language: English	Person responsible for module: Prof. Dr. Reimund P. Rötter	
Course frequency: Annually, WiSe (winter term); Goettingen	Duration: 1 Semester	
Number of repeat examinations permitted: twice	Recommended semester:	
Maximum number of students: 30		
Remarks: exam on the first examination, oral exam on the second examination Literature: Rehm, S., Espig, G. 1991: The Cultivated Plants of the Tropics and Subtropics. Verlag Josef Margraf. Weikersheim, Germany; lecture notes		

Artikel 2 Übergangs- und Schlussbestimmungen

Studierende, die vor Inkrafttreten dieser Änderungsordnung ihr Studium begonnen haben, werden auf Antrag nach dieser Änderungsordnung geprüft.

Artikel 3 Inkrafttreten

Diese Änderungsordnung tritt nach ihrer Bekanntmachung in den Amtlichen Mitteilungen der Universität Göttingen und im Mitteilungsblatt der Universität Kassel in Kraft.

Witzenhausen, den 27. Januar 2017

Der Dekan des Fachbereichs Ökologische Agrarwissenschaften
Prof. Dr. Gunter Backes