



UNIVERSITY
OF PAVIA



Department of
Economics &
Management



UNIVERSITY OF
HOHENHEIM

<p>AGREEMENT TO ESTABLISH DOUBLE MASTER'S DEGREE PROGRAMMES</p>
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Between

**University of Pavia
Department of Economics and Management**

and

**University of Hohenheim
Faculty of Business, Economics and Social Sciences**

Double Master's Degree Agreement

Between

University of Pavia

C.so Strada Nuova, 65 – 27100 Pavia (Italy)

And more specifically:

Department of Economics and Management

Via San Felice 5, 27100 Pavia (Italy)

Represented by :

- **Prof. Dr. Francesco SVELTO, Rector of the University of Pavia,**
- **Prof. Dr. Eduardo ROSSI, Head of Department**

Hereafter named “D&EM”

On one hand

and

University of Hohenheim

Schloss Hohenheim, 70593 Stuttgart (Germany)

And more specifically:

Faculty of Business, Economics and Social Sciences

Schloss Hohenheim 1B, 70593 Stuttgart

Represented by:

- **Professor Dr. Stephan DABBERT, President of the University of Hohenheim,**
- **Professor Dr. Karsten HADWICH, Dean of Faculty of Business, Economics and Social Sciences**

Hereafter named “UHOH”

On the other hand

Named hereafter “the institutions”

Preamble

The present agreement renews the agreements signed in 2010 (double degree programs in International Business & Economics) and 2012 (double degree programs in Economics).

Article 1 Regulations

According to the “Landeshochschulgesetz” Baden-Württemberg from 1st January 2005 regulating higher education in the Federal State of Baden-Württemberg,

the University of Hohenheim and more specifically **the Faculty of Business, Economics and Social Sciences** and

according to the Decree 3.11.1999, n° 509 as modified by the D.M. 270/2004 art. 3 co. 10, that provides that Italian universities may award academic degrees/titles in conjunction with foreign universities,

the University of Pavia and more specifically **the Department of Economics and Management**

Recognise the benefit of common and complementary aspects of their mutual educative offers and seek to strengthen their international activities by offering the following Double Master's Degree programmes from the 2021-22 academic year on:

- **Laurea Magistrale in “International Business and Entrepreneurship” (hereafter MIBE)**
 1. specialisation in “International Management”
 2. specialisation in “Digital Management”
- **Laurea Magistrale in “Economics, Finance and International Integration” (hereafter MEFI)**
 1. specialisation in Finance
 2. specialisation in Industrial Organization and Market Regulation
 3. specialisation in International Economic Integration and Development

delivered by D&EM

and

- **Master in International Business & Economics**
- **Master in Economics**

delivered by UHOH

Each institution will be concerned by these Double Master’s Degree programmes within the limit of its legal ability to organise such type of degrees. Both institutions must be recognised by their educational authorities in higher education to deliver such university degrees.

Article 2 Programme management

2.1 The two institutions share the organisation and the management of the activities of these programmes and establish a Coordination Committee, which will be responsible for the management of the programmes. It consists of three or four persons per university, representing the teaching and administrative staff of the programmes involved:

University of Hohenheim	University of Pavia
<u>Academic advisor</u> of the Faculty of Business, Economics and Social Sciences Benjamin Jung (M.Sc. in International Business & Economic) Thomas Beißinger (M.Sc. in Economics) Schloss Hohenheim 1B 70593 Stuttgart Germany jung.benjamin@uni-hohenheim.de beissinger@uni-hohenheim.de	<u>Academic advisor</u> of the Department of Economics and Management Birgit Hagen (Business area) Claudia Tarantola (Economics area) Via S. Felice al Monastero, 5 27100 Pavia Italy birgit.hagen@unipv.it claudia.tarantola@unipv.it
<u>Administration advisor</u> of the Faculty of Business, Economics and Social Sciences Lars Banzhaf Schloss Hohenheim 1B 70593 Stuttgart Germany lars.banzhaf@uni-hohenheim.de	<u>Administration advisor</u> of the Department of Economics and Management Federico Franceschini Via S. Felice al Monastero, 5 27100 Pavia Italy double-degree.dem@unipv.it

2.2 Each partner agrees:

- to participate in a cooperative manner to the meetings of the different bodies under this Agreement;
- to promptly notify any delay in performance or any event that may impact the Programme to the appropriate body;
- to inform the appropriate body of relevant communications it receives from third parties in relation to the Programme;
- to ensure the accuracy of any information it supplies to the other Partners and to promptly correct any error therein of which it is notified, whereas the recipient Partners shall be responsible for the use made of such information;
- to act at all times in good faith and in manner that reflects the good name, goodwill and reputation of the other Partners and in accordance with good business ethics.

2.3 Each University will be responsible for its own cost associated with this Inter-Institutional Agreement. Neither University will have the authority to authorize or incur financial liability on behalf of the other.

The contents of these Double Master's Degree programmes, approved by the relevant authorities of both institutions, are presented in appendices 1 to 4, which are integral part of the agreement. These appendices could be updated upon approval from both parties to reflect curriculum evolutions.

Article 3 Admission requirements, registration procedures

3.1 The signing institutions will ensure provision of the required number of places. D&EM and UHOH agree to accept up to 20 (twenty) students into the programs, corresponding to 10 (ten) students per university for a full academic year. When possible, exchanges will be made on a one-to-one equal basis. However, if the number of students exchanged between the Universities is not in yearly balance, an approximate balance should be achieved over the 5 (five)-years period of this agreement.

Each institution will be responsible for its students' selection process based on previous academic merit, an adequate knowledge of the language in which the programme is taught and a strong motivation.

3.2 The Advisors of each Institution are responsible for student advising and students' selection based on the following minimum requirements:

- The students must have successfully completed a Bachelor's Degree (180 ECTS), be admitted in the Master's Degree and be selected by their home institution for these Double Degree programmes;
- Both universities must ensure that the candidates have the required English language skills (level B2 or equivalent).

3.3 For each academic year of these Double Master's Degree programmes, the students will register and pay tuition fees at their home institution. They will register additionally at the host institution during their year abroad, without paying tuition fees and according to its rules and procedures. The host institution may nonetheless require insurance and administrative fees. Students have to pay the Semester Fee including the Student Union Fees in Hohenheim, for the time they are enrolled in Hohenheim.

3.4 Students from both institutions enrolled in these Double Master's Degree programmes will attend the first year of studies at their home institution and the second year at the host institution.

In order to be enrolled in the second year at the University of Pavia:

- students from UHOH must have obtained a Bachelor's Degree (180 ECTS credits) in Management or in Economics and Management and have successfully completed 60 ECTS credits of the Master in International Business & Economics or Master of Economics at the University of Hohenheim. In addition, they must meet the general admission and procedure requirements to be accepted to the D&EM Master.

In order to be enrolled in the second year at the University of Hohenheim:

- students from D&EM must have obtained a Bachelor's Degree (180 ECTS credits) in Management or in Economics and Management and have successfully completed 60 ECTS credits of the Master MIBE or MEFI at the University of Pavia. In addition, they must meet the general admission and procedure requirements to be accepted to the UHOH Master.

In exceptional cases approved by the academic advisors of both institutions, students that would have not acquired the 60 ECTS might be authorized to continue and register to the host institution. The number of credits failed can not be superior to 15 ECTS. In order to get the degree, these credits will have to be successfully passed by the students in order to acquire the total of the 120 ECTS composing the programme.

3.5 The double degree programme will cover a two years period to reach 120 ECTS credits. In order to satisfy the minimum ministerial study curriculum set by the Italian University system, students participating in these Double Degree programmes (both Italian and foreign) must acquire, during the two years, the number of credits indicated in the study plan of the considered period for the subject areas listed below:

- Economics area
- Business area
- Mathematics / Statistics area
- Legal area

Students can obtain the credits by taking the exams mentioned in the Double Degree programme they are enrolled in.

Each University should inform its partner of any programme modification (i.e. change of academic year) before the students selection to allow the double degree programme update accordingly.

Article 4 Academic Rules and Regulations

4.1 The students are subject to all regulations and procedures of the university at which they are currently studying. They attend the courses and academic activities and take all the corresponding exams. The language of instruction is English at the University of Hohenheim and at the University of Pavia.

4.2 Each partner will keep appropriate records of the students attending the programme and provide all students and partners with an official transcript of records, which must contain the following information:

- Student's name;
- Date and place of birth;
- Sending institution;
- Name of attended Master;
- Subjects taken;
- Grades;
- Number of ECTS credits;
- Grade conversion scale.

4.3 Both institutions use the ECTS credit system. According to their national legislation, the partner universities must use specific, national grading scales. The ECTS grading scheme will be used for all courses as well as the corresponding grade from the national grading system. As long as detailed primary data and cohorts of sufficient size are not available to ensure validity of the ECTS grading scheme, the conversion of the grades will be done on the basis of the national grades (refer to appendix 5).

At the end of each year of study, both institutions will exchange the grades of all students enrolled in these Double Master's Degree programmes (refer to appendix 6).

Article 5 Degree Awarding

After successful completion of the two academic years (120 ECTS credits) as described in article 3, the University of Pavia and the University of Hohenheim will award the corresponding diplomas according to their own regulation and procedures (refer to appendix 6). Each diploma will mention the present agreement and the partner's diploma. If available, each university will deliver its own diploma supplement.

Article 6 Master Thesis rules

The final master thesis will be written in English. Students from Pavia will be supervised by a supervisor from University of Hohenheim and will write the thesis according to the rules of UHOH. The supervisor of UHOH will send to D&EM's administration advisor an evaluation report of the thesis, according to their own deadlines. Students from Hohenheim will be supervised by a supervisor from University of Pavia and will write the thesis according to the rules of D&EM. The supervisor of D&EM will send to UHOH administration advisor an evaluation report of the thesis, according to their own deadlines.

The final thesis must be presented and defended at the University of Pavia according to its regulations, no matter where the thesis was written and supervised.

Article 7 Funding

Each institution receives and keeps the fees as well as the national funding received for the education of the students, according to the local legislation (admission, registration, graduation).

Article 8 Signature

The present agreement, signed by the two partners, is valid for a period of 5 years. It can be renewed after assessment by both academic authorities of both institutions for the same period.

The agreement can be cancelled, by each institution, before the 1st October of each year, for the academic year that starts the next year. In case of cancellation of this agreement, all the students already enrolled in these Double Master's Degrees in International Business & Economics / Economics have the right to complete their programme.

Date in 4 original copies

<p>For the University of Pavia The Rector,</p> <p>Prof. Dr. Francesco SVELTO</p>	<p>For the University of Hohenheim The Rector,</p> <p>Prof. Dr. Stephan DABBERT</p>
<p>For the Department of Economics and Management The Head of Department,</p> <p>Prof. Dr. Eduardo ROSSI</p>	<p>For the Faculty of Business, Economics and Social Sciences The Dean,</p> <p>Prof. Dr. Karsten HADWICH</p>

Appendix 1

Double Master's Degree in Economics

Between

**Master in Economics
University of Hohenheim**

And

**Laurea Magistralis (2-year Master programme) in
Economics, Finance and International Integration (specialisation Finance)
University of Pavia**

Master in Economics (M.Sc.)*

Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Finance*

1st Year: Universität Hohenheim

60 EP

Compulsory basic modules

30 EP

(1st Semester)

- Advanced Macroeconomics (6 EP)
- Advanced Microeconomics and Game Theory (6 EP)
- Effective Computing in Economics (3 EP)
- Introductory Econometrics (9 EP)
- Optimization in Economic Theory (6 EP)

Major Modules

18 EP

(2nd Semester)

Students choose 3 modules à 6 EP out of the following list of modules:

- Advanced Economic Growth (6 EP)
- Advanced Industrial Organization (6 EP)
- Consumer Behavior & Health (6 EP)
- Consumer Policy (6 EP)
- Empirical Public Economics (6 EP)
- Environmental Economics 1 (6 EP)
- Globalization and History (6 EP)
- Master Seminar (6 EP)
- Microeconometrics (6 EP)
- Monetary Economics (6 EP)**
- Recent Developments in Advanced Innovation Economics (6 EP)
- Multinational Firms (6 EP)
- Time Series Econometrics (6 EP)**
- Topics in Econometrics (6 EP)**
- Topics in Labour Economics (6 EP)

Elective Modules

12 EP

2 elective modules (6 EP each module) from the whole curriculum of the Master in Economics

- Financial Intermediation (6 EP)**
- Theory of Debt & Bank Lending (6 EP)**
- Advanced Corporate Finance (6 EP)**
- Capital Market Theory (6 EP)**
- Quantitative Risk Management: Investments and Institutions (6 EP)**
- Applied Financial Econometrics (6 EP)

2nd Year: Università degli Studi di Pavia 60 EP***

Compulsory major modules

9 EP

- Capital Markets and EU Companies Law (6 EP)
- Foreign Language/ Applied Finance Lab/ Financial Markets Lab (3 EP)

Major Modules

15 EP

- Applied Economics and Econometrics (9 EP)
- Quantitative Finance (6 EP)
- Financial Econometrics (9 EP)
- Decisions for Finance (6 EP)
- Applied Quantitative Macroeconomics (6 EP)
- Economics and Finance of Multinational Corporations (9 EP)
- Methods and Models for Financial Engineering (6 EP)
- Probability and Stochastic processes (9 EP)
- Data Science (9 EP)
- Asset Pricing (6 EP)

Elective Modules

12 EP

See active course list from Pavia

Master-Thesis

24 EP

* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Finance“.

** Recommended Modules

***Second year: in addition to “Capital Markets and Public Companies Law” and “Foreign Language” students must obtain 27 credits in courses. Students choose 15 credits of Major Modules and 12 credits of Elective Modules from the list of active courses from the whole department. Students have to choose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Finance *

Master in Economics (M.Sc.) *

1st Year: Università degli Studi di Pavia 60 EP

Compulsory Major Modules 60 EP

- Capital Markets and EU Companies Law (6 EP)
- Economics and Finance of Multinational Corporations (9 EP)
- Probability and Stochastic processes (9 EP)
- Data Science (9 EP)
- Decisions for Finance (6 EP)
- Quantitative Finance (6 EP)
- Applied Economics and Econometrics (9 EP)
- Methods and Models for Financial Engineering (6 EP)

* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Finance“.

** Recommended Modules

Students should take one of the seminar modules related to the core curriculum (6 credits). Seminar modules are provided by the responsible chair.

*** English as language of instruction is only guaranteed in the Economics core curriculum – most of the Business courses are taught in German.

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

2nd Year: University of Hohenheim 60 EP

Major Modules 24 EP

Students choose 4 Modules à 6 EP out of the following list of Modules:

- From **1st Semester Modules** (Master in Economics)
- One of the Seminar Modules (6 EP)**

Winter Term

- Consumer Economics (6 EP)
- Economics of Inequality (6 EP)
- Environmental Economics 2 (6 EP)
- Health Economics (6 EP)
- Innovation Economics (6 EP)
- International Macroeconomics (6 EP)
- Labor Markets and the Macroeconomy (6 EP)
- International Trade and Inequality (6 EP)
- Topics in Microeconometrics (6 EP)**
- Topics in Public Economics (6 EP)
- Topics in Competition Theory and Policy (6 EP)

Summer Term

- Advanced Economic Growth (6 EP)
- Advanced Industrial Organization (6 EP)
- Consumer Behavior & Health (6 EP)
- Consumer Policy (6 EP)
- Empirical Public Economics (6 EP)
- Environmental Economics 1 (6 EP)
- Globalization and History (6 EP)
- Microeconometrics (6 EP)**
- Monetary Economics (6 EP)**
- Recent Developments in Advanced Innovation Economics (6 EP)
- Multinational Firms (6 EP)
- Time Series Econometrics (6 EP)**
- Topics in Econometrics (6 EP)**

Elective Modules**

12 EP

2 elective modules (6 EP each module) from above or from the following modules:

- Financial Intermediation (6 EP)**
- Theory of Debt & Bank Lending (6 EP)**
- Advanced Corporate Finance (6 EP)**
- Capital Market Theory (6 EP)**
- Quantitative Risk Management: Measures and Markets (6 EP)**
- Applied Financial Econometrics (6 EP)**
- Quantitative Risk Management: Investments and Institutions (6 EP)**
- Portfoliomanagement (6 EP)**
- Derivatives (6 EP)**
- Entrepreneurial Finance (6 EP)**
- Trading & Exchanges (6 EP)**

Master-Thesis

24 EP

Appendix 2

Double Master's Degree in Economics

Between

**Master in Economics
University of Hohenheim**

And

**Laurea Magistralis (2-year Master programme) in
Economics, Finance and International Integration (specialisation Industrial Organization and
Market Regulation)
University of Pavia**

Master in Economics (M.Sc.)*

Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Industrial Organization and Market Regulation *

1st Year: Universität Hohenheim

60 EP

Compulsory basic modules

30 EP

(1st Semester)

- Advanced Macroeconomics (6 EP)
- Advanced Microeconomics and Game Theory (6 EP)
- Effective Computing in Economics (3 EP)
- Introductory Econometrics (9 EP)
- Optimization in Economic Theory (6 EP)

Major Modules

18 EP

(2nd Semester)

Students choose 3 Modules à 6 EP out of the following list:

- Advanced Economic Growth (6 EP)
- Advanced Industrial Organization (6 EP)**
- Consumer Behavior & Health (6 EP)
- Consumer Policy (6 EP)**
- Empirical Public Economics (6 EP)
- Environmental Economics 1 (6 EP)
- Globalization and History (6 EP)
- Master Seminar (6 EP)
- Microeconometrics (6 EP)
- Monetary Economics (6 EP)
- Recent Developments in Advanced Innovation Economics (6 EP)**
- Multinational Firms (6 EP)
- Time Series Econometrics (6 EP)
- Topics in Econometrics (6 EP)
- Topics in Labour Economics (6 EP)

Elective Modules

12 EP

2 elective modules (6 EP each module) from the whole curriculum of the Master in Economics

2nd Year: Università degli Studi di Pavia

60 EP

Compulsory major modules

9 EP

- Competition Law (6 EP)
- Foreign Language/ Applied econometrics lab/ Statistical Analysis System lab (3 EP)

Major Modules

15 EP

- Applied Industrial Organization (9 EP)
- Competition Policy and Market Regulation (6 EP)
- Decisions and choices (9 EP)
- Applied Economics and Econometrics (6 EP) **OR** Economics of Innovation and Industrial Dynamics (6 EP)
- Energy and Environmental Economics (9 EP) **OR** Game and Equilibrium Theory: Tools and Applications (9 EP)
- Health Economics (6 EP)
- International Entrepreneurship and Organizational Behavior (9 EP)
- Business Development (6 EP)
- Economics and Society (6 EP)
- Data Science (9 EP)

Elective Modules

12 EP

See active course list from Pavia

Master-Thesis

24 EP

*** Second year: in addition to "Competition Law" and one of the 3 EP courses, students must obtain 27 credits in courses. Students choose 15 credits of Major Modules and 12 credits of Elective Modules from the list of active courses from the whole department.

During the 2nd year, students have to choose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Industrial Organization and Market Strategies“.

** Recommended Modules

Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Industrial Organization and Market Strategies *

Master in Economics (M.Sc.) *

1st Year: Università degli Studi di Pavia 60 EP

Compulsory Major Modules 60 EP

- Competition Law (6 EP)
- International Entrepreneurship and Organizational Behavior (9 EP)
- Energy and Environmental Economics **OR** Game Equilibrium Theory: Tools and Applications (9 EP)
- Competition Policy and Market Regulation (6 EP)
- Applied Industrial Organization (9 EP)
- Data Science (9 EP)
- Health Economics (6 EP)
- Decisions and Choices (9 EP)

* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Industrial Organization and Market Strategies“.

** Recommended Modules

Students should take at least one of the seminar modules related to the core curriculum (6 credits). Seminar modules are provided by the responsible chair.

*** English as language of instruction is only guaranteed in the Economics core curriculum – most of the Business courses are taught in German.

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

2nd Year: University of Hohenheim 60 EP

Major Modules 30 EP

Students choose 5 Modules à 6 EP out of the core curriculum of the Master in Economics:

- From **1st Semester Modules** (Master in Economics)
- One of the Seminar Modules (6 EP)**

Winter Term

- Consumer Economics (6 EP)**
- Economics of Inequality (6 EP)
- Environmental Economics 2 (6 EP)
- Health Economics (6 EP)
- Innovation Economics (6 EP)**
- International Macroeconomics (6 EP)
- Labor Markets and the Macroeconomy (6 EP)
- International Trade and Inequality (6 EP)
- Topics in Microeconometrics (6 EP)
- Topics in Public Economics (6 EP)
- Topics in Competition Theory and Policy (6 EP)**

Summer Term

- Advanced Economic Growth (6 EP)
- Advanced Industrial Organization (6 EP)**
- Consumer Behavior & Health (6 EP)
- Consumer Policy (6 EP)**
- Empirical Public Economics (6 EP)
- Environmental Economics 1 (6 EP)
- Globalization and History (6 EP)
- Microeconometrics (6 EP)
- Monetary Economics (6 EP)
- Recent Developments in Advanced Innovation Economics (6 EP)**
- Multinational Firms (6 EP)
- Time Series Econometrics (6 EP)
- Topics in Econometrics (6 EP)
- Topics in Labour Economics (6 EP)

Elective Modules*** 6 EP

1 elective module from the whole curriculum of the Master in Economics

Master-Thesis 24 EP

Appendix 3

Double Master's Degree in Economics

Between

**Master in Economics
University of Hohenheim**

And

**Laurea Magistralis (2-year Master programme) in
Economics, Finance and International Integration
(specialisation International Economic Integration and Development)
University of Pavia**

Master in Economics (M.Sc.)*

Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso International Economic Integration and Development*

1st Year: Universität Hohenheim

60 EP

Compulsory basic modules

30 EP

(1st Semester)

- Advanced Macroeconomics (6 EP)
- Advanced Microeconomics and Game Theory (6 EP)
- Effective Computing in Economics (3 EP)
- Introductory Econometrics (9 EP)
- Optimization in Economic Theory (6 EP)

Major Modules

18 EP

(2nd Semester)

Students choose 3 Modules à 6 EP out of the following list:

- Advanced Economic Growth (6 EP)
- Advanced Industrial Organization (6 EP)
- Consumer Behavior & Health (6 EP)
- Consumer Policy (6 EP)
- Empirical Public Economics (6 EP)
- Environmental Economics 1 (6 EP)
- Globalization and History (6 EP)
- Master Seminar (6 EP)
- Microeconometrics (6 EP)
- Monetary Economics (6 EP)
- Recent Developments in Advanced Innovation Economics (6 EP)
- Multinational Firms (6 EP)**
- Time Series Econometrics (6 EP)
- Topics in Econometrics (6 EP)
- Topics in Labour Economics (6 EP)

Elective Modules

12 EP

2 elective modules (6 EP each module) from the whole curriculum of the Master in Economics

2nd Year: Università degli Studi di Pavia 60 EP***

Compulsory major modules

9 EP

- European Constitutional Law (6 EP)
- Foreign Language **OR** Applied econometrics lab (3 EP)

Major Modules

15 EP

- International Economics and Policy (9 EP)
- Energy and Environmental Economics (6 EP) **OR** Applied Economics and Econometrics (6 EP)
- Economics of Emerging Markets (9 EP)
- Contemporary Economic History (6 EP)
- Economics of Cooperation and Development (9 EP)
- Advanced Macroeconomics (6 EP)
- International Entrepreneurship and Organizational Behavior (9 EP)
- Business Development (6 EP)
- Economics and Society (6 EP)
- Data Science (9 EP)

Elective Modules

12 EP

See active course list from Pavia

Master-Thesis

24 EP

*** Second year: in addition to "European and Constitutional Law" and "Foreign Language" students must obtain 27 credits in courses. Students choose 15 credits of Major Modules and 12 credits of Elective Modules from the list of active courses from the whole department.

Students have to choose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso International Economic Integration“.

** Recommended Modules

Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso International Economic Integration and Development *

Master in Economics (M.Sc.) *

1st Year: Università degli Studi di Pavia 60 EP

Compulsory Major Modules 60 EP

- European Constitutional Law (6 EP)
- International Economics and Policy (9 EP)
- International Entrepreneurship and Organizational Behavior (9 EP)
- Economics of Emerging Markets (9 EP)
- Economics and society (6 EP)
- Economics of Cooperation and Development (9 EP)
- Energy and Environmental Economics (6 EP) OR Applied Economics and Econometrics
- Data Science (9 EP)

* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso International Economic Integration“.

** Recommended Modules

Students should take one of the seminar modules related to the core curriculum (6 credits). Seminar modules are provided by the responsible chair.

*** English as language of instruction is only guaranteed in the Economics core curriculum – most of the Business courses are taught in German.

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

2nd Year: University of Hohenheim 60 EP

Major Modules 30 EP

Students choose 5 Modules à 6 EP out of the core curriculum of the Master in Economics:

- From **1st Semester Modules** (Master in Economics)
- One of the Seminar Modules (6 EP)**

Winter Term

- Consumer Economics (6 EP)**
- Economics of Inequality (6 EP)
- Environmental Economics 2 (6 EP)
- Health Economics (6 EP)
- Innovation Economics (6 EP)**
- International Macroeconomics (6 EP)
- Labor Markets and the Macroeconomy (6 EP)
- International Trade and Inequality (6 EP)
- Topics in Microeconometrics (6 EP)
- Topics in Public Economics (6 EP)
- Topics in Competition Theory and Policy (6 EP)**

Summer Term

- Advanced Economic Growth (6 EP)
- Advanced Industrial Organization (6 EP)**
- Consumer Behavior & Health (6 EP)
- Consumer Policy (6 EP)**
- Empirical Public Economics (6 EP)
- Environmental Economics 1 (6 EP)
- Globalization and History (6 EP)
- Microeconometrics (6 EP)
- Monetary Economics (6 EP)
- Recent Developments in Advanced Innovation Economics (6 EP)**
- Multinational Firms (6 EP)
- Time Series Econometrics (6 EP)
- Topics in Econometrics (6 EP)
- Topics in Labour Economics (6 EP)

Elective Modules*** 6 EP

1 elective module from the whole curriculum of the Master in Economics

Master-Thesis 24 EP

Appendix 4

Double Master's Degree in International Business & Economics

Between

**Master in International Business & Economics
University of Hohenheim**

And

**Laurea Magistralis (2-year Master programme) in
International Business and Entrepreneurship
(specialisation International Management)
University of Pavia**

Master in International Business and Economics (M.Sc.)*

Laurea Magistrale in International Business and Entrepreneurship – Curriculum International Management*

1. Year: Universität Hohenheim

60 EP

Compulsory basic modules 24 EP

- Econometric Methods for Business and Economics (6 EP)
- Mathematical Methods for Business Economics (6 EP)
- Qualitative Methods in Business Research (6 EP)
- Managerial Economics (6 EP)

Compulsory major modules: 24 - 36 EP

Chose 2 Focus Areas and 4-6 modules**:

Innovation Management and Economics

International Economics

Finance

Elective Modules 0 - 12 EP

Depending on course choices of compulsory major modules

* This study plan refers to the curricula of the Master programs „Master in International Business and Economics“ und „Laurea Magistrale in International Business and Entrepreneurship“.

** Students have to obtain 3 modules per focus area within 2 years, according to the list of equivalent courses

*** Second year: in addition to the law course students must obtain 30 credits in courses. Students choose courses according to the list of equivalent courses.

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

2. Year: Università degli Studi di Pavia 60 EP**

Compulsory major module 9 EP

- International Business Law (6 EP)
- Foreign Language OR Business analytics with excel (3 EP)

Major Modules 15 EP

Module Choice depending on course choices during first year

- Firm Valuation and Capital Market Instruments (9 EP)
- Innovation Management (9 EP)
- International Business and Management (9 EP)
- International Accounting & Finance (6 EP) OR Performance Management (6 EP)
- International Entrepreneurship and Entrepreneurial Marketing (9 EP)
- Applied Project Management (6 EP) OR Innovability & circular entrepreneurship (6 EP)
- Corporate Reputation & Business Storytelling (6 EP)
- Economics of Emerging Markets (9 EP)
- International Economics and Policy (6 EP)

Elective Modules 12 EP

See active course list from Pavia
OR Internship (6 or 12 credits)

Master-Thesis 24 EP

Laurea Magistrale in International Business and Entrepreneurship – Curriculum International Management*

Master in International Business and Economics (M.Sc.)*

1. Year: Università degli Studi di Pavia 60 EP

2. Year: Universität Hohenheim 60 EP**

Compulsory modules 60 EP

- International Business Law (6 EP)
- Firm Valuation and Capital Market Instruments (9 EP)
- Innovation Management (9 EP)
- International Business and Management (9 EP)
- International Entrepreneurship and Entrepreneurial Marketing (9 EP)
- Economics of Emerging Markets (9 EP)
- Mathematical Methods for Business (6 EP)
- Applied Project Management (6 EP) OR Innovability and circular entrepreneurship

Compulsory modules 36 EP

Chose 2 Focus Areas and reach 18 EP in each focus area according to the list of equivalent courses**:

Innovation Management and Economics

International Economics

Finance

Elective Modules

Dependent on the number of compulsory module EPs students can chose additional elective modules from the International Business & Economics curriculum.

Elective Modules can also include 1st semester modules of the International Business & Economics curriculum.

Master-Thesis 24 EP

* This study plan refers to the curricula of the Master programs „Master in International Business and Economics“ und „Laurea Magistrale in International Business and Entrepreneurship“.

** Students have to obtain 3 modules per focus area within 2 years, according to the list of equivalent courses

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

Equivalent courses Pavia/Hohenheim (compulsory courses for Hohenheim students in bold letters)

UHOH		Pavia	
Managerial Economics	6		
Mathematical Methods for Business Economics	6	Mathematical Methods for Business (6 EP)	
Econometric Methods for Business and Economics	6		
Qualitative Methods in Business Research	6		
Focus Area Innovation Management and Economics	18 out of the following		
International Innovation Management 1	6	Innovation Management (9 EP)	
International Innovation Management 2	6	International Business and Management (9 EP)	
Entrepreneurship	6		
Innovation, Strategy and Networks	6		
Economics of Innovation	6		
Recent Developments in Advanced Innovation Economics	6		
Master Seminar	6	Innovability & circular entrepreneurship (6 EP)	
Focus Area International Economics	18 out of the following		
Multinational Firms	6	Economics of Emerging Markets (9 EP)	
(International Trade and Inequality)	6		
International Monetary Economics	6		
(International Macroeconomics)	6	International Economics and Policy (6 EP)	
Globalization and History	6		
Master Seminar	6		
Focus Area Finance	18 out of the following		
Capital Market Theory	6	International Accounting & Finance (6 EP)	
Applied Financial Econometrics	6		
International Monetary Economics	6		
Financial Intermediation	6	Firm Valuation and Capital Market Instruments (9 EP)	
Trading & Exchanges	6		
Master Seminar	6		
No equivalent course in English	6	International Business Law (6 EP)	6

No equivalent course in Hohenheim	3	Foreign Language <u>OR</u> Business analytics with excel (3 EP)	3
Electives	27	Further Compulsory and Elective Modules	27
Master Thesis	24	Master Thesis	24

Appendix 5

Double Master's Degree in International Business & Economics

Between

**Master in International Business & Economics
University of Hohenheim**

And

**Laurea Magistralis (2-year Master programme) in
International Business and Entrepreneurship
(specialisation Digital Management)
University of Pavia**

Master in International Business and Economics (M.Sc.)*

Laurea Magistrale in International Business and Entrepreneurship – Curriculum Digital Management*

1. Year: Universität Hohenheim

60 EP

Compulsory basic modules 24 EP

- Econometric Methods for Business and Economics (6 EP)
- Mathematical Methods for Business Economics (6 EP)
- Qualitative Methods in Business Research (6 EP)
- Managerial Economics (6 EP)

Compulsory major modules: 24 - 36 EP

Chose 2 Focus Areas and 4-6 modules**:

Innovation Management and Economics

International Economics

Finance

Data Analytics

Elective Modules

0 - 12 EP

Depending on course choices of compulsory major modules

2. Year: Università degli Studi di Pavia 60 EP***

Compulsory major module 6 EP

- Capital Markets and EU Company Law (6 EP)

Major Modules 18 EP

Module Choice depending on course choices during first year

- Firm Valuation and Capital Market Instruments (9 EP)
- Innovation Management (9 EP)
- Applied Project Management (6 EP) **OR** Financial Innovation & Fintech (6 EP) **OR** IT Consultancy and Soft Skills (6 EP)
- Corporate Finance (6 EP)
- Digital Marketing (6 EP) **OR** Corporate Reputation & Story Telling (6 EP)
- Economics of Emerging Markets (9 EP)
- Economics of Innovation and Industrial Dynamics (6 EP)
- Information Systems for Managers (9 EP)
- Big Data Analysis (9 EP) **OR** Exponential Coding with AI and Data Management (9 EP)
- Business Analytics with Excel (3 EP)

Elective Modules

12 EP

See active course list from Pavia
OR Internship (6 or 12 credits)

Master-Thesis

24 EP

* This study plan refers to the curricula of the Master programs „Master in International Business and Economics“ und „Laurea Magistrale in International Business and Entrepreneurship“.

** Students have to obtain 3 modules per focus area within 2 years, according to the list of equivalent courses

*** Second year: in addition to the law course students must obtain 30 credits in courses. Students choose courses according to the list of equivalent courses.

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

Laurea Magistrale in International Business and Entrepreneurship – Curriculum Digital Management*

Master in International Business and Economics (M.Sc.)*

1. Year: Università degli Studi di Pavia 60 EP

2. Year: Universität Hohenheim 60 EP**

Compulsory modules 60 EP

- Capital Markets and EU Company Law (6 EP)
- Firm Valuation and Capital Market Instruments (9 EP)
- Innovation Management (9 EP)
- Economics of Emerging Markets (9 EP)
- Applied Project Management (6 EP) **OR** Health Care Management (6 EP)
- Business Analytics with Excel (3 EP)
- Information Systems for Managers (9 EP)
- IT Consultancy and Soft Skills (6 EP) **OR** Financial Innovation & Fintech
- Big Data Analysis (9 EP) **OR** Exponential coding with AI and Data Management (9 EP)

Compulsory modules 36 EP

Chose 2 Focus Areas and reach 18 EP in each focus area according to the list of equivalent courses**:

Innovation Management and Economics

International Economics

Finance

Data Analytics

Elective Modules

Dependent on the number of compulsory module EPs students can chose additional elective modules from the International Business & Economics curriculum.

Elective Modules can also include 1st semester modules of the International Business & Economics curriculum.

* This study plan refers to the curricula of the Master programs „Master in International Business and Economics“ und „Laurea Magistrale in International Business and Entrepreneurship“.

** Students have to obtain 3 modules per focus area within 2 years, according to the list of equivalent courses

Students have to chose courses different from those already taken during the 1st year. A learning agreement must be approved by the home and the host university.

Master-Thesis

24 EP

Equivalent courses Pavia/Hohenheim (compulsory courses for Hohenheim students in bold letters)

UHOH		Pavia	
Focus Area Innovation Management and Economics	18 out of the following		
International Innovation Management 1	6	Innovation Management (9 EP) Economics of Innovation and Industrial Dynamics (6 EP)	
International Innovation Management 2	6		
Entrepreneurship	6		
Innovation, Strategy and Networks	6		
Economics of Innovation	6		
Recent Developments in Advanced Innovation Economics	6		
Master Seminar	6		
Focus Area International Economics	18 out of the following		
Multinational Firms	6	Economics of Emerging Markets (9 EP)	
(International Trade and Inequality)	6		
International Monetary Economics	6		
(International Macroeconomics)	6		
Globalization and History	6		
Master Seminar	6		
Focus Area Finance	18 out of the following		
Capital Market Theory	6	Firm Valuation and Capital Market Instruments (9 EP) Financial Innovation & Fintech (6 EP) Corporate Finance (6 EP)	
Applied Financial Econometrics	6		
International Monetary Economics	6		
Financial Intermediation	6		
Trading & Exchanges	6		
Master Seminar	6		
Focus Area Data Analytics	18 out of the following		
Introduction to Statistical Learning	6	Big Data Analysis (9 EP) OR Exponential Coding with AI and Data Management (9 EP)	
Microeconometrics	6		
Topics in Microeconometrics	6		
Time Series Econometrics	6	Business Analytics with Excel (3 EP)	
Master Seminar	6	IT Consultancy and Soft Skills (6 EP)	

		Information Systems for Managers (9 EP)	
No equivalent course in English	6	Capital Markets and EU Company Law (6 EP)	6
Electives	30	Further Compulsory and Elective Modules	30
Master Thesis	24	Thesis	24

Appendix 6

Grading system of the University of Pavia

(see <http://www-5.unipv.it/mobilita/ingegneria/erasmus-en/ects.htm>)

ECTS Grade	Definition	Corresponding Italian grades
A	Excellent	30 - 30 con Lode
B	Very good	27 - 29
C	Good	24 - 26
D	Satisfactory	20 - 23
E	Sufficient	18 - 19
FX	Fail	14 - 17
F	Fail	0 - 13

Course grade matching table UHOH - Pavia

Universität Hohenheim	University of Pavia
1,0	30L
1,3	30
1,7	29/28
2,0	27
2,3	26/25
2,7	24
3,0	23
3,3	22/21
3,7	20/19
4.0	18
Fail	Fail

Scale grade of evaluation thesis at University of Pavia

Assessment grade	
>=8	Super best grade Best grade
7	
6	
5	
4	
3	Sufficient grade
2	
1	
0	

Evaluation thesis matching table UHOH - Pavia

Universität Hohenheim	University of Pavia
1,0	8
1,3	7
1,7	6
2,0	5
2,3	4
2,7	3
3,0	2
3,3	1
3,7 – 4.0	0



UNIVERSITY
OF PAVIA



Department of
Economics &
Management



UNIVERSITY OF
HOHENHEIM

Grading system of the University of Hohenheim

Hohenheim - Local grade	
1.0	sehr gut (very good)
1.3	sehr gut (very good)
1.7	gut (good)
2.0	gut (good)
2.3	gut (good)
2.7	befriedigend (medium)
3.0	befriedigend (medium)
3.3	befriedigend (medium)
3.7	ausreichend (pass)
4.0	ausreichend (pass)
5.0	nicht ausreichend (fail)

Appendix 7

Academic rules and regulations

The Double Master Degrees will be delivered to students who achieve 120 ECTS of the programme.

Both universities will decide whether or not to deliver their respective diploma and which grade will be given, according to the following principles:

1. Regarding the acquisition of credits and exemptions, both universities will apply the rules and regulations of the university where the students have attended courses. All credits that are not obtained according to these rules and the examinations associated to these credits should therefore be taken again at the university where the students have attended courses.
2. Only students who have met all requirements of both universities can receive the double degree. Each university determines, in accordance with its own rules, which grade will be given to the student. The marks obtained in one university will be converted by the other university in accordance with the conversion table mentioned in appendix 6.
3. Students who don't meet the conditions set out in the preceding paragraphs may, under conditions determined by their home university, cancel their participation in the double degree programme and be reintegrated in the normal study programme of their home institution. They will receive only the degree of their home institution.
4. Both universities commit themselves to communicate all marks obtained by double degree students as soon as possible in order to allow the examination boards to organise deliberations in due time.
5. Both universities commit themselves to inform double degree students in due time about the rules that will apply to them and about possible exemptions.