

**DOUBLE DEGREE  
STUDY PROGRAM  
FOR MSM AND SGH STUDENTS**

**FIRST YEAR AT MSM  
FIELD OF STUDY: MANAGEMENT AND  
ECONOMICS**

**SECOND YEAR AT SGH  
FIELD OF STUDY: ZARZĄDZANIE (MANAGEMENT)**

## FIRST YEAR AT MSM

### “Management and Economics” at MSM

WINTER TERM	ECTS	SUMMER TERM	ECTS
Econometrics (Master)	5	Seminar	5
M+E MSM Business Core Elective	5	M+E MSM Business Core Elective	5
M+E MSM Business Core Elective	5	M+E MSM Business Core Elective	5
M+E MSM Business Core Elective	5	M+E MSM Business Core Elective	5
M+E MSM Business Core Elective	5	M+E MSM Economics Core Elective	5
M+E MSM Economics Core Elective	5	M+E MSM Economics Core Elective	5
<b>Total for 1<sup>st</sup> and 2<sup>nd</sup> term in Duisburg – 60 ECTS</b>			

*Choose 2 business core electives (modules) and either 3 or 4 lectures out of each module*

#### **Module 1: Banking and Finance**

- Bank Management – 5 ECTS (NOT AVAILABLE TO SGH STUDENTS)
- Sustainable Finance – 5 ECTS
- Asset Pricing – 5 ECTS
- Corporate Business Policy of Banks – 5 ECTS

#### **Module 2: Finance and Accounting**

- Tax Revenue Determination – 5 ECTS
- Empirical Finance – 5 ECTS
- Advanced Corporate Governance – 5 ECTS
- Controlling – 5 ECTS
- Selected Questions in Finance and Accounting – 5 ECTS

#### **Module 3: Insurance and Risk Management**

- Introduction to Options Assessment – 5 ECTS
- Insurance Risk Management – 5 ECTS
- Financial Innovation – 5 ECTS
- Interest Rate Models and Applications – 5 ECTS

#### **Module 4: Internal Audit and Corporate Governance**

- Internal Audit I – 5 ECTS
- Internal Audit II – 5 ECTS
- Advanced Corporate Governance – 5 ECTS
- Trends in Internal Auditing and Corporate Governance – 5 ECTS
- IT Audit and Cybersecurity – 5 ECTS
- ESG & Sustainability Management – 5 ECTS

**Module 5: Logistics and Operations Research**

- Cargo Logistics – 5 ECTS
- Passengers Logistics – 5 ECTS
- Supply Chain Management – 5 ECTS
- Revenue Management – 5 ECTS

**Module 6: Marketing Research**

- Empirical Research Methods: Data Acquisition – 5 ECTS
- Empirical Research Methods: Multivariate Data Analysis – 5 ECTS
- Marketing Models and Applications – 5 ECTS
- Consumer Behavior Theory – 5 ECTS

**Module 7: Performance Management and Leadership**

- Holistic Company Management – 5 ECTS
- Self-Leadership, Employee Leadership and Team Leadership – 5 ECTS
- Control of Employee Productivity – 5 ECTS
- Remuneration and Performance Incentives – 5 ECTS

**Module 8: Production Management**

- Production Management I: Infrastructure Planning – 5 ECTS
- Production Management II: Operational Production Planning and Control – 5 ECTS
- Material Logistics: Inventory Management in Supply Chain – 5 ECTS
- Performance Analysis of Goods and Services Production Systems – 5 ECTS

**Module 9: Service Management and Retailing**

- Empirical Research Methods: Data Acquisition – 5 ECTS
- Empirical Research Methods: Multivariate Data Analysis – 5 ECTS
- Customer Management for Services and Retailing – 5 ECTS
- Supply Management for Services and Retailing – 5 ECTS
- Process and Quality Management for Services and Retailing – 5 ECTS

**Module 10: Service Operations**

- Dynamic Optimization of Services – 5 ECTS
- Heuristic Planning in the Service Sector – 5 ECTS
- Services for Closed Loop Recycling Systems – 5 ECTS
- Innovative Mobility and Logistic Services – 5 ECTS

**Module 11: Taxation**

- Legal Company Structure and Taxation – 5 ECTS
- Tax Revenue Determination – 5 ECTS
- Tax Procedural Law – 5 ECTS

**Module 12: Telecommunications Management**

- Strategic Management in Telecommunications I – 5 ECTS
- Strategic Management in Telecommunications II – 5 ECTS
- Case Studies Business and Technology Planning – 5 ECTS
- Strategic Technology and Innovation Management – 5 ECTS

*Choose 1 economics core elective (module) and 3 lectures out of this module*

**Module 1: East Asian Economics**

- Business Issues in Japan's Economy – 5 ECTS
- Japan's Economy between Market, State and Society – 5 ECTS
- Japan's Role in Global and Regional Economic Relations – 5 ECTS
- China Management Cases – 5 ECTS
- The Chinese Economy – 5 ECTS
- Business and Economy in China – 5 ECTS

**Module 2: Economic Policy**

- Topics in Labor Economics – 5 ECTS
- Game Theory and its Applications – 5 ECTS
- Advanced Industrial Organization – 5 ECTS

**Module 3: International Economics**

- Topics in International Economics – 5 ECTS
- Advanced Macroeconomics – 5 ECTS
- Empirical Research in International Economics – 5 ECTS
- Applied Microeconomics – 5 ECTS

**Module 4: Monetary Economics and International Financial Markets**

- Advanced Macroeconomics – 5 ECTS
- Asset Pricing and International Financial Markets – 5 ECTS
- Monetary Theory – 5 ECTS
- Monetary Policy – 5 ECTS

## SECOND YEAR AT SGH. FIELD OF STUDY: ZARZĄDZANIE (MANAGEMENT)

### Graded, obligatory courses without ECTS credits:

(249980-D) Library Training (e-learning),  
 (249960-D) Training on Fundamentals of Intellectual Property Protection (e-learning),  
 (249990-D) Training on Occupational Health and Safety (e-learning).

**Minimum total number of ECTS credits from courses to be obtained at SGH during the second year of double degree studies – 40.**

**40 ECTS do not include master seminar and master thesis.**

### Mandatory courses (min. 30 ECTS)

210111	Business Law	4,5ECTS
221471	Operations Management	3 ECTS
234081	Innovation Management in an Enterprises	3 ECTS
220281	International Marketing	4,5 ECTS
235111	Firm Strategies in International Business	6 ECTS
221321	International Logistic	3 ECTS
237021	Technology Entrepreneurship	3 ECTS
231171	International Leadership	3 ECTS
232061	International Management	5 ECTS
222161	Business Ethics*	3 ECTS
	<b>Total available</b>	<b>38 ECTS</b>

### Elective courses (min. 10 ECTS)

221711	Marketing Strategies	3 ECTS
237051	Public Relations	3 ECTS
235101	Brand Management in International Market	4,5 ECTS
223221	International Entrepreneurship	4,5ECTS
221371	Cultural Determinants of International Business	3 ECTS
210101	History of Economics Thought	4,5 ECTS
234791	Managing Research and Development (R&D) in Transnational Corporations	3 ECTS
237481	Microeconomics of Competitions (licenced by Harvard Business School	6 ECTS
	<b>Total available</b>	<b>31,5 ECTS</b>

**\* Business Ethics should be taken either at SGH or at MSM**

<b>Total (required)</b>	<b>40 ECTS</b>
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Not all the courses have to be opened during a particular academic year.

**Internship at SGH: no internship**

**Internship at MSM: no internship**

**Master seminar and master thesis at SGH – second year of double degree studies**

	No of hours	ECTS credits
Master's Seminar 1st semester	30 hours	8
Master's Seminar 2nd semester	30 hours	12

**TOTAL: 20 ECTS**

**Master thesis at MSM – second year of double degree studies**

**TOTAL: 20 ECTS**