

M.Sc. Business Administration

A degree programme of the School of Business, Economics and Information Systems

The information in this infosheet is pertinent for the degree programme starting in summer semester 2025.

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Web page of the degree programme Information for prospective students

PDF download



How to apply

Starting semester: This programme starts in April and October each year.

Entry qualifications

To be eligible for a place on this degree programme, you must have:

- An above-average university degree (Bachelor's, Magister, Diplom, state examination) from a university in Germany or abroad based on at least three years of study in business, economics or a related degree with a credit component of 60 ECTS credits in business/economics or the relevant equivalent amount in another credit-point system. (NB: One ECTS credit equates to 30 hours of study, including lectures and self-study.) Of these 60 ECTS credits, at least ten must be earned in the field of economic/business research methods. This includes modules that impart knowledge in data collection, data analysis, mathematics or statistics. You must have completed your degree programme with an overall grade of at least 2.7 (or the relevant equivalent foreign grade) or be among the top 50% of graduates of your cohort.
- Adequate **knowledge of English** at **level B2** of the Common European Framework of Reference for Languages (CEFR), unless English is your native language or language instruction for your prior education.
- Applicants who have **not** obtained their prior university degree in a signatory state to the Lisbon Convention¹
 must additionally prove their aptitude for the Master's degree programme by submitting proof of completion
 of the Graduate Management Admission Test (GMAT) with a score of at least 550 points.

International applicants with a university degree from abroad must provide proof of <u>German language</u> <u>proficiency</u> at **level A1 CEFR** (beginner's level). If you do not have proof of German proficiency at the time of application or enrolment, you can submit it during your first year at the University of Passau.

Application

Please apply online.

The application deadline for the October intake is 15 July; for the April intake it is 15 January.

If you have any questions on the application process, please contact the <u>Student Registration Office</u>, Innstr. 41, 94032 Passau, Germany; phone: +49 851 509 1127; e-mail: registry@uni-passau.de.

Information for new students

Please visit our website to find out everything you need to know as you're <u>starting out on your studies</u> and for information on the <u>Orientation Weeks</u>.

The following videos are particularly helpful for new students:

- At the start of the degree programme
- Semester cycle
- Important documents for your studies
- ECTS credits and the standard period of study
- Course types
- Language courses and placement tests
- Examinations
- Online portals for your studies
- Scientific methods
- Leisure activities
- Advice centres

Modules, module catalogue, courses, overall grade calculation

The curriculum is modularised, and each module has a specific ECTS credit load. When you pass a module exam, you acquire the number of ECTS credits allotted for that module. You will also receive a mark on your exam; however, this does not affect the number of ECTS credits awarded – you receive the full credit load for a pass and no credits for a fail. As this master's degree programme comprises a total of 120 ECTS credits, you should aim to gain **approx. 30 ECTS credits each semester** to complete the programme within the standard period of study.

In the <u>module catalogue</u> you will find detailed descriptions of the content of all modules and courses, as well as any module prerequisites and information on the examination format. There is no fixed sequence in which you should complete your module examinations; however, you should generally pass the introductory modules before attempting the more advanced modules.

¹ For a list of signatory states to the Lisbon Convention, visit the <u>Council of Europe website</u>.

As a rule, you will receive marks for all modules. The final grade for your degree is calculated based on the ECTS-weighted module marks and the mark you attain on your master's thesis.

The individual courses for the modules can be found in Stud.IP, the University's learning management system.

OVERVIEW OF MODULES

When planning out your studies, please use the <u>module catalogue</u> and check that they are applicable to the specific version of the <u>study and examination regulation</u> under which you are studying the programme.

Module area A: Methodological Foundations

This module area covers the methodological foundations of business administration. You will complete compulsory elective modules totalling at least **10 ECTS credits**.

| Course | Module name | Type of | WCH | ECTS |
|---------------|------------------------------------|--------------|-----|------|
| format | | assessment | | |
| (L) and (E) | Fundamentals of Business Analytics | Portfolio | 5 | 5 |
| (L) | Business Research Methods | Written exam | 2 | 5 |
| (L) and (E) | Multivariate Methods | Written exam | 4 | 5 |
| Total: at lea | st 2 modules | | | 10 |

Module area B: Majors and Minors

In module area B, you will complete compulsory elective modules amounting to a minimum of 47 and **a maximum** of 87 ECTS credits.

Of these, at least 47 ECTS credits must come from a major module group (this is your "Major 1", which can be shown on your certificate on request), in which you also complete at least one seminar worth 7 ECTS credits.²

You can divide the remaining 40 ECTS credits in one of the following ways:

- 40 ECTS credits in another major module group (module group can be shown as "Major 2" on the certificate upon request)
- 20 ECTS credits in a minor module group and a further 20 ECTS credits in a second minor module group (both minors can be shown on the certificate upon request)
- at least 20 ECTS credits in a minor module group (minor can be shown on the certificate upon request)
 and free choice of modules to make up the remaining ECTS credits
- free choice of modules from all major and minor module groups (no further specialisation)

Major module groups

Accounting and Tax Major

| Course | Module name | Type of | WCH | ECTS |
|-------------|--------------------------------------|-------------------------|-----|------|
| format | | assessment ³ | | |
| (L) and (E) | Advanced International Accounting | Written exam | 4 | 5 |
| (L) and (E) | Corporate Valuation | Written exam | 4 | 5 |
| (L) and (E) | Financial Statement Analysis | Written exam | 4 | 5 |
| (L) and (E) | Immobilien & Steuern | Written exam | 2 | 3 |
| (L) and (E) | International Accounting | Written exam | 4 | 5 |
| (L) and (E) | International Taxation | Written exam | 4 | 5 |
| (L) and (E) | Rechtsformwahl und M&A | Written exam | 4 | 5 |
| (L) | Reporting of Digital Business Models | Portfolio | 3 | 5 |
| (L) | Sustainability Reporting | Portfolio | 3 | 5 |
| (L) and (E) | Tax Effects | Written exam | 4 | 5 |
| (L) | Transfer Pricing | Portfolio | 2 | 5 |
| (L) and (E) | Value-based Management | Written exam | 4 | 5 |

² On request, the seminar can also be completed in a different major module group, provided its content matches your chosen major. If a major is shown on the certificate, a minor of the same name cannot be shown at the same time.

³ The lecturer decides on the type of assessment used if the module catalogue provides for several types of examination for a module.

| (L) | Workshop Unternehmensbewertung | Presentation | 2 | 5 |
|-------------|---|------------------------|-------|-----|
| (C) | Master's Thesis Colloquium | Presentation | 0.5–1 | 1–3 |
| (S) | Seminar in Accounting and Tax I–III | Portfolio | 1–4 | 7 |
| (L) and (E) | Data Science in Accounting and Tax I–II | Written exam or | 2–5 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Data Science Major

| Course format | Module name | Type of assessment | WCH | ECTS |
|---------------|--|---------------------------|-------|------|
| (L) and (E) | Advanced Data Analytics | Written exam | 4 | 5 |
| (L) and (E) | Approximate Dynamic Programming (Reinforcement Learning) | Written exam | 4 | 5 |
| (L) and (E) | Artificial Intelligence and Optimisation | Written or oral exam | 4 | 5 |
| (L) and (E) | Combinatorial Optimisation | Written or oral exam | 4 | 5 |
| (L) | Computational Statistics – Regression in R | Written exam | 2 | 3 |
| (L) | Computational Statistics – Statistical Learning in R | Written exam | 2 | 3 |
| (L) and (E) | Data Science in Operations Management | Written exam or portfolio | 4 | 5 |
| (L) and (E) | Decision-making under Uncertainty | Written or oral exam | 4 | 5 |
| (L) and (E) | Deep Learning and Text Analysis in Finance | Portfolio | 4 | 5 |
| (L) and (E) | Econometric Methods | Written exam | 5 | 5 |
| (L) and (E) | Heuristics and Approximation Methods | Written or oral exam | 4 | 5 |
| (L) and (E) | Network Optimisation | Written or oral exam | 4 | 5 |
| (L) and (E) | Paneldatenanalyse | Written or oral exam | 4 | 5 |
| (L) | Practical Course: Advanced Topics in Management Science | Portfolio | 2 | 5 |
| (L) and (E) | Scientific Computing and Digital Reporting with Python | Portfolio | 4 | 5 |
| (L) and (E) | Topics in Applied Econometrics | Portfolio | 4 | 4 |
| (C) | Master's Thesis Colloquium | Presentation | 0.5–1 | 1–3 |
| (S) | Seminar in Data Science I–III | Portfolio | 1–4 | 7 |

Entrepreneurship Major

| Course format | Module name | Type of assessment | WCH | ECTS |
|--------------------|---|---------------------------|-------|------|
| (S) | 5-Euro Business | Portfolio | 4 | 5 |
| (S) | Advanced Strategic Sensitivity and Digitalisation | Portfolio | 4 | 5 |
| (L) | Branding and Marketing Communications | Written exam | 2 | 5 |
| (L) | Consumer Behaviour | Written exam | 2 | 5 |
| (S) | Entrepreneurship Development Programme | Portfolio | 8 | 10 |
| (L) | Entwicklung von Managementfähigkeiten | Portfolio | 2 | 5 |
| (L) and (E) | Ethical Entrepreneurship and Stakeholder Analysis | Portfolio | 4 | 5 |
| (L) | Fundamentals of Digitalisation and Digital Trends | Written exam | 2 | 5 |
| (S) | Intercultural Entrepreneurship | Portfolio | 2 | 10 |
| (L) | Network Management in Startup Processes | Portfolio | 4 | 5 |
| (L) | Organizational Behavior und Unternehmensführung | Portfolio | 2 | 5 |
| (L) and (E) or (S) | Organisations and Innovation Strategy | Written exam or portfolio | 4 | 5 |
| (L) and (E) | Price Management | Written exam | 3 | 5 |
| (L) | Services Marketing | Written exam | 2 | 5 |
| (L) and (E) or (S) | Strategy for High-Tech Startups | Written exam or portfolio | 4 | 5 |
| (L) | Unternehmensverfassung | Portfolio | 4 | 5 |
| (C) | Master's Thesis Colloquium | Presentation | 0.5–1 | 1–3 |
| (S) | Seminar in Entrepreneurship I–III | Portfolio | 1–4 | 7 |

| (L) and (E) | Data Science in Entrepreneurship I–II | Written exam or | 2–5 | 3–5 |
|-------------|---------------------------------------|------------------------|-----|-----|
| or (L) | | portfolio or oral exam | | |

Finance Major

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|---------------------------------------|------------------------|-------|------|
| format | | | | |
| (L) and (E) | Corporate Finance and Capital Markets | Written exam | 4 | 5 |
| (L) | Empirical Finance | Written exam | 3 | 5 |
| (L) and (E) | Environmental, Social and Corporate | Portfolio | 4 | 5 |
| | Governance Analytics | | | |
| (L) and (E) | Financial Data Analytics and Machine | Portfolio | 4 | 5 |
| | Learning | | | |
| (L) and (E) | Financial Engineering and Structured | Written exam | 4 | 5 |
| | Finance | | | |
| (L) and (E) | Finanzcontrolling | Written exam | 3 | 5 |
| (L) and (E) | Quantitatives Risikomanagement | Written exam | 3 | 5 |
| (L) | Green and Sustainable Finance | Written exam | 2 | 5 |
| (L) | Mergers & Acquisitions: International | Portfolio | 2 | 5 |
| | Corporate Transactions | | | |
| (L) and (E) | Quantitative Methods in Finance | Written exam | 2 | 5 |
| (L) | Finance and Banking Workshop | Portfolio | 2 | 5 |
| (C) | Master's Thesis Colloquium | Presentation | 0.5–1 | 1–3 |
| (S) | Seminar in Finance I–III | Portfolio | 1–4 | 7 |
| (L) and (E) | Data Science in Finance I–II | Written exam or | 2–5 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Information Systems and Digital Business Major

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|--|------------------------|-----|------|
| format | | | | |
| (L) and (E) | Advanced Databases | Written exam | 4 | 7 |
| (L) and (E) | Advanced IT Security | Written exam | 4 | 6 |
| (L) and (E) | Advanced Topics in Data Science | Written exam | 4 | 5 |
| (L) and (E) | Al-Based Business Information Systems | Written exam | 4 | 5 |
| (L) and (E) | Business Intelligence & Analytics Systems | Written exam | 4 | 5 |
| (L) and (E) | Deep Learning and Text Analysis in Finance | Written exam | 4 | 5 |
| (L) and (E) | Digital Markets and Online Platforms | Written exam | 4 | 5 |
| (L) and (E) | Digital Service Management | Written exam | 4 | 5 |
| (L) and (E) | Financial Data Analytics and Machine | Written exam | 4 | 5 |
| | Learning | | | |
| (L) and (E) | Information Management | Written exam | 4 | 5 |
| (L) and (E) | IT-Architecture Management | Written exam | 4 | 5 |
| (L) and (E) | IT-Services und IT-Servicemanagement | Written exam | 4 | 5 |
| (L) and (E) | Management of Information Security and | Written exam | 4 | 5 |
| | Privacy | | | |
| (L) and (E) | Principles of AI Engineering | Written exam | 4 | 6 |
| (L) and (E) | Responsible Machine Learning | Written exam | 4 | 6 |
| (L) and (E) | Scientific Computing and Digital Reporting | Written exam | 4 | 5 |
| | with Python | | | |
| (L) and (E) | Strategic IT Management (IT Management | Written exam | 4 | 5 |
| | for Advanced Learners) | | | |
| (L) and (E) | Strategies in the Software Industry | Written exam | 4 | 5 |
| (S) | Seminar in Information Systems and Digital | Portfolio | 1–4 | 7 |
| | Business I–III | | | |
| (L) and (E) | Data Science in Information Systems and | Written exam or | 2–5 | 3–5 |
| or (L) | Digital Business I–II | portfolio or oral exam | | |

Management and Strategy Major

| Course | Module name | Type of assessment | WCH | ECTS |
|-----------------------|---|--|-------|------|
| format | | | | |
| (S) | Advanced Strategic Sensitivity and Digitalisation | Portfolio | 4 | 5 |
| (L) | B2B Marketing and Sales Management | Written exam | 2 | 5 |
| (L) | Corporate Strategy and Innovation | Written exam | 2 | 5 |
| (L) | Customer Relationship Management | Written exam | 2 | 5 |
| (L) | Empirische Methoden für Masterstudierende im Bereich Management, Personal und Information | Essay/paper | 2 | 5 |
| (L) | Entwicklung von Managementfähigkeiten | Portfolio | 2 | 5 |
| (L) | Fundamentals of Digitalisation and Digital Trends | Written exam | 2 | 5 |
| (L) | Governance – Compliance und Governance Kodex (PBL) | Portfolio | 4 | 5 |
| (L) | International Cooperation and Networks | Portfolio | 2 | 5 |
| (L) | Managing and Leading Strategic Innovation and Change | Written exam | 2 | 5 |
| (L) | Organisation Theory and Sustainable Leadership | Portfolio | 2 | 5 |
| (L) | Organizational Behavior und Unternehmensführung | Portfolio | 2 | 5 |
| (L) and (E) or (S) | Organisations and Innovation Strategy | Written exam or portfolio | 4 | 5 |
| (L) | Strategisches Human Ressourcen Management | Portfolio | 4 | 5 |
| (L) and (E) or (S) | Strategy for High-Tech Startups | Written exam or portfolio | 4 | 5 |
| (C) | Wissenschaftliches Arbeiten | Essay/paper | 1 | 1 |
| (C) | Master's Thesis Colloquium | Presentation | 0.5–1 | 1–3 |
| (S) | Seminar in Management and Strategy I–III | Portfolio | 1–4 | 7 |
| (L) and (E) or (L) | Data Science in Management and Strategy I–II | Written exam or portfolio or oral exam | 2–5 | 3–5 |

Minor module groups

Artificial Intelligence Minor

| Course format | Module name | Type of assessment | WCH | ECTS |
|--------------------|--|--|-----|------|
| (L) and (E) | Advanced Data Analytics | Written exam | 4 | 5 |
| (L) and (E) | Approximate Dynamic Programming (Reinforcement Learning) | Written exam | 4 | 5 |
| (L) and (E) | Artificial Intelligence and Optimisation | Written exam or oral exam | 4 | 5 |
| (L) | Computational Statistics – Statistical Learning in R | Written exam | 2 | 3 |
| (L) and (E) | Deep Learning and Text Analysis in Finance | Portfolio | 4 | 5 |
| (L) | Practical Course: Advanced Topics in Management Science | Portfolio | 2 | 5 |
| (L) and (E) | Scientific Computing and Digital Reporting with Python | Portfolio | 4 | 5 |
| (L) and (E) | Topics in Applied Econometrics | Portfolio | 4 | 4 |
| (L) and (E) or (L) | Advanced Artificial Intelligence | Written exam or portfolio or oral exam | 2–4 | 3–5 |

Business Taxation Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|------------------------------|------------------------|-----|------|
| format | | | | |
| (L) | Allgemeines Steuerrecht I+II | Written exam | 2 | 5 |
| (L) and (E) | Immobilien & Steuern | Written exam | 2 | 3 |
| (L) and (E) | International Taxation | Written exam | 4 | 5 |
| (L) and (E) | Rechtsformwahl und M&A | Written exam | 4 | 5 |
| (L) and (E) | Tax Effects | Written exam | 4 | 5 |
| (L) and (E) | Transfer Pricing | Portfolio | 2 | 5 |
| (L) and (E) | Advanced Business Taxation | Written exam or | 2–4 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Data Science Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-----------------------|--|--|-----|------|
| format | | | | |
| (L) and (E) | Advanced Data Analytics | Written exam | 4 | 5 |
| (L) and (E) | Combinatorial Optimisation | Written exam or oral exam | 4 | 5 |
| (L) | Computational Statistics – Regression in R | Written exam | 2 | 3 |
| (L) | Computational Statistics – Statistical Learning in R | Written exam | 2 | 3 |
| (L) and (E) | Data Science in Operations Management | Written exam or portfolio | 4 | 5 |
| (L) and (E) | Decision-making under Uncertainty | Written exam or oral exam | 4 | 5 |
| (L) and (E) | Econometric Methods | Written exam | 5 | 5 |
| (L) and (E) | Paneldatenanalyse | Written exam | 4 | 5 |
| (L) and (E) | Topics in Applied Econometrics | Portfolio | 4 | 5 |
| (L) and (E) or (L) | Advanced Data Science | Written exam or portfolio or oral exam | 2–4 | 3–5 |

Digital Management and Strategy Minor

| Course format | Module name | Type of assessment | WCH | ECTS |
|-----------------------|---|--|-----|------|
| (S) | Advanced Strategic Sensitivity and Digitalisation | Portfolio | 4 | 5 |
| (L) | Entwicklung von Managementfähigkeiten | Portfolio | 2 | 5 |
| (L) | Fundamentals of Digitalisation and Digital Trends | Written exam | 2 | 5 |
| (L) | Organizational Behavior und Unternehmensführung | Portfolio | 2 | 5 |
| (L) and (E) or (S) | Organisations and Innovation Strategy | Written exam or portfolio | 4 | 5 |
| (L) | Reporting of Digital Business Models | Portfolio | 3 | 5 |
| (L) and (E) or (S) | Strategy for High-Tech Startups | Written exam or portfolio | 4 | 5 |
| (L) | Sustainability by Digitalisation | Written exam | 2 | 5 |
| (L) and (E) or (L) | Advanced Digital Management | Written exam or portfolio or oral exam | 2–4 | 3–5 |

Economics Minor

You can earn a maximum of 30 ECTS credits in this minor module group.

| Course | Module name | Type of assessment | WCH | ECTS |
|-----------------------|--|--|-----|------|
| format | | | | |
| (S) | Advanced International Economics | Portfolio | 2 | 7 |
| (L) and (E) | Advanced International Trade | Written exam | 4 | 5 |
| (L) and (E) | Advanced Macroeconomics | Written exam | 4 | 5 |
| (L) and (E) | Advanced Microeconomics (Game Theory) | Written exam | 4 | 5 |
| (L) | Behavioural Game Theory | Portfolio | 3 | 5 |
| (L) and (E) | Behavioural Public Economics | Written exam or | 4 | 5 |
| (S) | Economics of Corruption | portfolio Portfolio | 4 | 7 |
| (L) and (E) | Economics of Education | Written exam or portfolio | 4 | 5 |
| (S) | Experimental Economics | Essay/paper | 4 | 7 |
| (L) and (E) | Fundamentals of International Trade | Written exam | 4 | 5 |
| (L) and (E) | Growth, Inequality and Poverty | Written exam | 4 | 5 |
| (L) and (E) | Health, Development and Public Policy | Written exam | 4 | 5 |
| (L) and (E) | International Monetary Economics | Written exam | 4 | 5 |
| (L) and (E) | Micro Development Economics | Written exam | 4 | 5 |
| (L) and (E) | Natural and Field Experiments | Written exam or portfolio | 4 | 5 |
| (L) and (E) | Neue Standorttheorien – Regional- und Stadtökonomik in Theorie und Praxis | Written exam | 4 | 5 |
| (L) and (E) | Population Economics | Written exam or portfolio | 4 | 5 |
| (S) | Recent Topics in International Trade | Portfolio | 2 | 7 |
| (S) | Advanced Macroeconomics Seminar | Portfolio | 2 | 7 |
| (S) | Development Economics Seminar | Essay/paper | 2 | 7 |
| (S) | Public Economics Seminar | Portfolio | 2 | 7 |
| (L) and (E) or (L) | Advanced Economics | Written exam or portfolio or oral exam | 2–4 | 3–5 |

Entrepreneurship Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|--|------------------------|-----|------|
| format | | | | |
| (S) | 5-Euro Business | Portfolio | 4 | 5 |
| (S) | Executive and Entrepreneurial Thinking and | Portfolio | 3 | 7 |
| | Communication | | | |
| (L) | Fundamentals of Digitalisation and Digital | Written exam | 2 | 5 |
| | Trends | | | |
| (S) | Intercultural Entrepreneurship | Portfolio | 2 | 10 |
| (L) | Network Management in Start-up Processes | Portfolio | 4 | 5 |
| (L) and (E) | Ethical Entrepreneurship and Stakeholder | Portfolio | 4 | 5 |
| | Analysis | | | |
| (L) and (E) | Organisations and Innovation Strategy | Written exam or | 4 | 5 |
| or (S) | | portfolio | | |
| (L) and (E) | Strategy for High-Tech Startups | Written exam or | 4 | 5 |
| or (S) | | portfolio | | |
| (L) and (E) | Advanced Entrepreneurship | Written exam or | 2–4 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Finance Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-----------------------|--|--|-----|------|
| format | | | | |
| (L) and (E) | Corporate Finance and Capital Markets | Written exam | 4 | 5 |
| (L) and (S) | Empirical Finance | Written exam | 3 | 5 |
| (L) and (E) | Financial Data Analytics and Machine Learning | Portfolio | 4 | 5 |
| (L) and (E) | Financial Engineering and Structured Finance | Written exam | 4 | 5 |
| (L) and (E) | Finanzcontrolling | Written exam | 3 | 5 |
| (L) and (E) or (L) | Advanced Finance | Written exam or portfolio or oral exam | 2–4 | 3–5 |

Information Systems and Digital Business Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|---|------------------------|-----|------|
| format | | | | |
| (L) and (E) | AI-Based Business Information Systems | Written exam | 4 | 5 |
| (L) and (E) | Business Intelligence & Analytics Systems | Written exam | 4 | 5 |
| (L) and (E) | Digital Markets and Online Platforms | Written exam | 4 | 5 |
| (L) and (E) | Digital Service Management | Written exam | 4 | 5 |
| (L) and (E) | Information Management | Written exam | 4 | 5 |
| (L) and (E) | IT-Architecture Management | Written exam | 4 | 5 |
| (L) and (E) | IT-Services und IT-Servicemanagement | Written exam | 4 | 5 |
| (L) and (E) | Management of Information Security and | Written exam | 4 | 5 |
| | Privacy | | | |
| (L) and (E) | Strategic IT Management (IT Management | Written exam | 4 | 5 |
| | for Advanced Learners) | | | |
| (L) and (E) | Strategies in the Software Industry | Written exam | 4 | 5 |
| (L) and (E) | Advanced Information Systems and Digital | Written exam or | 2–4 | 3–5 |
| or (L) | Business | portfolio or oral exam | | |

Marketing Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|---------------------------------------|------------------------|-----|------|
| format | | | | |
| (L) | B2B Marketing and Sales Management | Written exam | 3 | 5 |
| (L) | Branding and Marketing Communications | Written exam | 2 | 5 |
| (L) | Consumer Behaviour | Written exam | 2 | 5 |
| (L) | Customer Relationship Management | Written exam | 2 | 5 |
| (L) and (E) | Marketing Research | Written exam or | 3 | 5 |
| | | portfolio | | |
| (L) or (S) | Practical Course in Marketing | Portfolio | 2 | 5 |
| (L) and (E) | Price Management | Written exam | 3 | 5 |
| (L) | Services Marketing | Written exam | 2 | 5 |
| (L) and (E) | Advanced Marketing | Written exam or | 2–4 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Optimisation Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|--|------------------------|-----|------|
| format | | | | |
| (L) and (E) | Approximate Dynamic Programming | Written exam | 4 | 5 |
| | (Reinforcement Learning) | | | |
| (L) and (E) | Artificial Intelligence and Optimisation | Written exam or | 4 | 5 |
| | | oral exam | | |
| (L) and (E) | Combinatorial Optimisation | Written exam or | 4 | 5 |
| | | oral exam | | |
| (L) and (E) | Data Science in Operations Management | Written exam or | 4 | 5 |
| | | portfolio | | |
| (L) and (E) | Decision-making under Uncertainty | Written exam or | 4 | 5 |
| | | oral exam | | |
| (L) and (E) | Heuristics and Approximation Methods | Written exam or | 4 | 5 |
| | | oral exam | | |
| (L) and (E) | Network Optimisation | Written exam or | 4 | 5 |
| | | oral exam | | |
| (L) | Practical Course: Advanced Topics in | Portfolio | 2 | 5 |
| | Management Science | | | |
| (L) and (E) | Advanced Optimisation | Written exam or | 2–4 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Reporting and Controlling Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|--------------------------------------|------------------------|-----|------|
| format | | | | |
| (L) and (E) | Advanced International Accounting | Written exam | 4 | 5 |
| (L) and (E) | Corporate Valuation | Written exam | 4 | 5 |
| (L) and (E) | Financial Statement Analysis | Written exam | 4 | 5 |
| (L) and (E) | International Accounting | Written exam | 4 | 5 |
| (L) | Reporting of Digital Business Models | Portfolio | 3 | 5 |
| (L) | Sustainability Reporting | Portfolio | 3 | 5 |
| (L) and (E) | Value-based Management | Written exam | 4 | 5 |
| (L) | Workshop Unternehmensbewertung | Presentation | 2 | 5 |
| (L) and (E) | Advanced Reporting and Controlling | Written exam or | 2–4 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Sustainability Minor

| Course | Module name | Type of assessment | WCH | ECTS |
|-------------|--|------------------------|-----|------|
| format | | | | |
| (L) | Compliance | Portfolio | 4 | 5 |
| (L) and (E) | Environmental, Social and Corporate | Portfolio | 4 | 5 |
| | Governance Analytics | | | |
| (L) | Green and Sustainable Finance | Written exam | 2 | 5 |
| (L) | Organisation Theory and Sustainable | Portfolio | 2 | 5 |
| | Leadership | | | |
| (L) | Sustainability and Business Ethics: Ethische | Portfolio | 2 | 5 |
| | Konzepte für nachhaltiges Wirtschaften | | | |
| (S) | Sustainability and Business Ethics: Shaping | Portfolio | 2 | 7 |
| | Transformation | | | |
| (L) | Sustainability by Digitalisation | Written exam | 2 | 5 |
| (L) | Sustainability Reporting | Portfolio | 3 | 5 |
| (L) and (E) | Value-based Management | Written exam | 4 | 5 |
| (L) and (E) | Advanced Sustainability | Written exam or | 2–4 | 3–5 |
| or (L) | | portfolio or oral exam | | |

Module area C: Foreign Business Language

In module area C: Foreign Business Language, you **have the option** of earning up to **10 ECTS credits**; however, you are not required to complete any modules in module area C. The following languages are offered:

- Chinese
- Czech
- English for Business/Economics
- French for Business/Economics
- German as a foreign language
- Indonesian

- Italian
- Polish
- Portuguese
- Russian
- · Spanish for Business/Economics
- Tha

If you wish to choose **English**, **French** or **Spanish** (foreign business languages) you must furnish proof of proficiency in the relevant language entitling you to attend at least **FFA Advanced 1** (level C1 CEFR). If your prior university degree shows that you have a higher proficiency level than that required for FFA Advanced 1, you should register for Advanced 2 (level C2 CEFR).

In **all other languages**, you must furnish proof proficiency in the relevant languages entitling you to attend at least **FFA Intermediate** level.

| Level | Course title | WCH | ECTS |
|----------|--------------------|-----|------|
| Level 1 | Foundation 1.1 | 4 | |
| | Foundation 1.2 | 4 | 10 |
| Level 2 | Foundation 2.1 | 4 | |
| | Foundation 2.2 | 4 | 10 |
| Level 3 | FFA Intermediate 1 | 4 | |
| | FFA Intermediate 2 | 4 | 10 |
| Level 4 | FFA Advanced 1.1 | 4 | |
| | FFA Advanced 1.2 | 4 | 10 |
| Level 5 | FFA Advanced 2.1 | 4 | |
| | FFA Advanced 2.2 | 4 | 10 |
| In total | | 8 | 10 |

Abbreviations used

ECTS credits = Credit points under the European Credit Transfer and Accumulation System (ECTS)

WCH = Contact teaching hours per week during the semester

FFA = Subject-specific language programmes (in German: Fachspezifische Fremdsprachenausbildung)

- (L) = Lecture
- (C) = Colloquium
- (E) = Exercise course
- (S) = Seminar

During your studies

Studying or working abroad as part of the degree programme

During your studies you can study or complete an internship abroad.

A number of double degree options are offered as part of the programme.

Master's thesis

To be permitted to begin writing your master's thesis, you need to have accumulated a minimum of 35 ECTS credits in this degree programme.

You will write your Master's thesis on a topic chosen from your Major 1. Upon request, the Board of Examiners may agree that you write your Master's thesis in a different major, provided it aligns with your Major 1 in terms of syllabus

and intended learning outcomes. You can also write your master's thesis at a partner university, provided you have the approval of the Board of Examiners.

You are given 18 weeks to write the thesis, which must be written in German or English. When you pass your master's thesis, you are awarded **23 ECTS credits**.

Completing your degree studies

You have passed the master's examination when you have gained pass mark on all required modules and the master's thesis, and acquired at least 120 ECTS credits. You will then graduate and be awarded the degree of **Master of Science (M.Sc.)**.

At the end of the degree programme, you should submit a <u>written request for your final degree documents</u> (i.e. the final transcript, degree certificate etc.) to the Examinations Office.

Key competencies and career planning

With the so-called ZKK courses (the German abbreviation ZKK stands for the <u>Future: Career and Competencies Section</u>), the University offers you a comprehensive range of transferable skills seminars and computer courses for free. ZKK also offers a wide range of careers and internship advice services, such as the <u>careers portal</u>, which make it easier for you to start your career later on.

Voluntary completion of additional modules

If you earn more than the required 120 ECTS credits in your degree programme, these additional credits are listed separately in your final transcript. However, the marks attained in these additional modules do not count towards the final grade for your degree.

You can acquire various <u>additional qualifications and certificates</u>, and all students enrolled at Bavarian universities can take advantage of the online courses of the Bavarian Virtual University (Virtuelle Hochschule Bayern).

Doctoral study

A doctorate is an important step if you are aiming for a career in academia. This may be the right career choice for you if you enjoy exploring a given topic in great depth whilst using your critical thinking skills to reflect on complex problems.

Further information on studying for a doctorate at the School of Business, Economics and Information Systems

Important examination-related rules and regulations

Study and examination regulations; module catalogue

- General study and examination regulation (AStuPO) for the master's degree programmes of the faculty
- Subject-specific Study and Examination Regulation (FStuPO)
- Module catalogue

Standard and maximum length of the programme

The standard period of study is **four semesters** (120 ECTS credits).

The maximum duration of study is six semesters. If you have not passed all required examinations after the sixth semester, you will fail the degree programme in the first instance; however, you will then be given an additional two semesters in which to complete the missing assessments. This period is not interrupted by a leave of absence or de-registration.

If you have not passed all required modules by the end of the eighth semester, you will fail the programme without the possibility of re-sitting the examinations. It is important to understand that this "endgültig nicht bestanden" status, which means "final fail", also bars you from enrolling in the same degree programme at other German universities.

Resits

You may resit failed module examinations up to *two times*. You may re-attempt a failed master's thesis *once*; however, you must do this with a new topic.

You may *not* voluntarily resit examinations for modules you have passed in an attempt to improve your mark.

Credit transfers

The Programme Coordination Office of the School of Business, Economics and Information Systems and the Examinations Office are responsible for the recognition of coursework and assessments. For the application form and other information, visit the Examinations Office website.

Cheating in examinations; plagiarism

If you attempt to influence the result of an assessment by cheating (e.g. plagiarism or use of unauthorised examination aids), the assessment in question is assigned a mark of 5.0 ("insufficient", "nicht ausreichend") or "fail" ("nicht bestanden").

When preparing written work such as seminar papers, master's theses, etc. you must do so in compliance with the <u>University of Passau's Rules for the Ascertainment of Good Research Practice</u>. Such written work should usually be submitted in electronic form.

Illness and inability to attend examinations

If you fall ill before an exam, you must decide, before commencing the exam, whether you want to withdraw from it due to illness. You will need to provide a medical certificate. If you fall ill during an exam and have to abort it, you also have to provide a medical certificate.

In either case you must submit the completed <u>Inability to Attend Examinations Due to Illness Form</u> at the earliest opportunity. You should submit the form and medical certificate to the Examinations Office as described in the <u>information sheet on inability to attend examinations</u>.

If you fall ill for a longer period of time during the semester, it may be expedient for you to take <u>leave of absence</u> for the whole semester. If that is the case, please seek advice from the Student Registration Office and the Advice Centre for Students with Disabilities and Chronic Illnesses.

Academic adjustments/exam access arrangements

If you have a disability or suffer from a chronic or psychological illness, you may be able to apply for <u>academic adjustments</u>, including access arrangements (e.g. extra time for written exams). The Advice Centre for Students with Disabilities and Chronic Illnesses will be happy to advise and support you with your application.

Service and advice centres

Academic Advice Service

The <u>Academic Advice Service</u> staff provide general advice on all degree programmes and on questions that may arise during your studies. Please make an appointment if you wish to talk to us in person, by telephone or online.

Academic Advice Service, Innstr. 41, 94032 Passau

Drop-in hours: Wednesdays 9:00-12:00

Phone: +49 851 509 1154 E-mail: advice@uni-passau.de

Programme advisers and programme co-ordinators

If you have specific questions about your degree programme (e.g. choice of major or minor subject, integration of study-abroad phases), please contact the programme convenor:

<u>Professor Christoph Pelger</u>
Phone: +49 851 509 2470

<u>Professor Ralf Kellner</u>
Phone: +49 851 509 4670

E-mail: christoph.pelger@uni-passau.de
E-mail: ralf.kellner@uni-passau.de

For all non-subject-specific questions about the degree programme, please contact the programme coordinator:

Katharina Beck

Phone: +49 851 509 2408

E-mail: katharina.beck@uni-passau.de

Examinations Office

The <u>Examinations Office</u> has overall responsibility for all exam-related matters. Visit the Examinations Office website for important information and applications concerning your degree programme.

Dean's Office of the School of Business, Economics and Information Systems

The <u>Business/Economics Student Committee</u> (*Fachschaft WiWi*) informs and advises students on all study-related questions. The student committee represents students' interests in the University's governing bodies and organises the Orientation Week as well as extracurricular activities.

Innstrasse 27 (Business/Economics Building), Room 025

Phone: +49 851 509 2404 E-mail: fs-wiwi@uni-passau.de

All advice services and student societies can be found online on our website.