# AUTUMN SEMESTER

## INSTITUTE OF BALTIC REGION HISTORY AND ARCHAEOLOGY

**History and Archaeology:**

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | H340B002 | Baltic Sea Region during the Roman and Migration Period | Autumn | 6 |
| 2. | H005B072 | History of Europe in the 19th Century | Autumn | 6 |
| 3. | H005B052 | History of Warfare | Autumn | 6 |
| 4. | H005B417 | History of European Mentalities | Autumn | 6 |
| 5. | H005B418 | History of East Central Europe | Autumn | 6 |
| 6. | H005B120 | Prehistory of Europe | Autumn | 6 |
| 7. | | Optional subjects* | Autumn | 12 |
| | | | **Total:** | **48** |

*Optional subjects list for Autumn semester is on the page 7.

# FACULTY OF MARINE TECHNOLOGIES AND NATURAL SCIENCES

## Engineering and IT:

Engineering and IT students can choose subjects from the list below and **not more than 12 ECTS credits** from the Optional Subjects list.

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | T120B009 | Introduction to Specialty and Programming Languages | Autumn | 6 |
| 2. | T111B003 | Web Technologies and Digital Graphics | Autumn | 4 |
| 3. | T120B120 | Computer Architecture and Operating Systems | Autumn | 6 |
| 4. | T120B111 | Cyber Security | Autumn | 5 |
|  | T210B054 | Machinery Dynamics and Diagnostics | Autumn | 5 |
| 6. | T120B072 | Fundamentals of Mechatronical Systems Automatic Control | Autumn | 5 |
| 7. | T120B120 | Computer Architecture and Operating Systems | Autumn | 6 |
| 8. | T000B218 | Ship Environmental Protection Technologies | Autumn | 6 |
| 9. | T210B040 | Mechanical Systems Design with Course Project | Autumn | 6 |
| 10. | T210B084 | Maintenance and Management of Facilities | Autumn | 4 |
| 11. | T190B131 | Robotic Systems | Autumn | 6 |
| 12. | P000B206 | Physics | Autumn | 4 |
| 13. | P000B161 | Software Testing, Management and Configuration Maitenance | Autumn | 4 |
| 14. | T111B003 | Web Technologies and Digital Graphics | Autumn | 4 |
| 15. | P160B048 | Probability Theory and Applied Statistics | Autumn | 5 |
| 16. | T000M120 | Offshore Wind Energy | Autumn | 6 |
| 17. | T270M004 | Cleaner Production and Ecodesign | Autumn | 6 |
| 18. | T210M011 | Production logistic | Autumn | 6 |
| 19. | T130M009 | Packaging technologines and equipment | Autumn | 6 |
| 20. |  | Optional subjects* | Autumn |  |

*Optional subjects list for Autumn semester is on the page 7.

# FACULTY OF HEALTH SCIENCES

## Leisure Sports:

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S000B763 | Strength Sports | Autumn | 4 |
| 2. | S000B10M | Track and Field Athletics | Autumn | 6 |
| 3. | S000B05N | Orienteering Sport | Autumn | 5 |
| 4. | S000B03O | Practice | Autumn | 5 |
| | | Optional subjects* | Autumn | 10 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7.

## Nursing:

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | B000B486 | Pharmacology | Autumn | 5 |
| 2. | B000B391 | Leadership in Nursing | Autumn | 3 |
| 3. | B000B485 | Evidence and Research: Approaches to Design and Methods (for nursing students, possible for public health and social work students) | Autumn | 6 |
| 4. | | Optional subjects* | Autumn | 16 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7.

## Social work

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S000B00S | Social Risk Groups and Resocialization | Autumn | 7 |
| 2. | S000B013 | Psychosociology of Disability | Autumn | 5 |
| 3. | S000B01A | Socio-cultural Activities in a Community | Autumn | 5 |
| 4. | S000B068 | Family and Social Environment | Autumn | 5 |
| 5. | | Optional subjects* | Autumn | 8 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7.

**Health care management**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | B680M001 | Health Care Organization and Management | Autumn | 6 |
| 2. | B680M004 | Health Care Ethics and Law | Autumn | 6 |
| 3. | B680M014 | Research Methodology and Management | Autumn | 6 |
| 4. | S190M008 | Management Theory | Autumn | 6 |
| 5. | | Optional Subject | Autumn | 6 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7.

# FACULTY OF SOCIAL SCIENCES AND HUMANITIES

**Childhood Pedagogy:**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S000B940 | Educational Modeling and Organization (with Practicum) | Autumn | 6 |
| 2. | S000B09L | Artistic Expression Education (with Practicum) | Autumn | 6 |
| 3. | S000B09M | Development of Critical and Reflective Thinking | Autumn | 6 |
| 4. | S000B04L | Socioeducational Activity in a Community | Autumn | 6 |
| 5. | | Optional subjects* | Autumn | 6 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 6.

**Management:**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S190B093 | E-business | Autumn | 6 |
| 2. | S190B085 | Business Ethics and Social responsibility | Autumn | 6 |
| 3. | S190B006 | Marketing Management | Autumn | 6 |
| 4. | | Optionals subjects* | Autumn | 12 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7

## Public Administration:

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S170B020 | Introduction to Political Science | Autumn | 6 |
| 2. | S170B160 | Models of Local Government | Autumn | 6 |
| 3. | | Optional subjects* | Autumn | 12 |
| 4. | S170B017 | Corruption and it Prevention | Autumn | 6 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7

## Business Management (for Master students):

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S190M411 | Human resource management | Autumn | 6 |
| 2. | S190M284 | Organizational change management | Autumn | 6 |
| | S190M008 | Management theories | Autumn | 6 |
| 3. | S190M049 | International business management | Autumn | 6 |
| 4. | | Optional subjects* | Autumn | 12 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7

## Economic:

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S180B005 | Economics | Autumn | 6 |
| 2. | S180B027 | Service Economy | Autumn | 6 |
| 3. | S180B102 | European Economic Problems | Autumn | 6 |
| 4. | S180B068 | Corporate Social Responsibility | Autumn | 6 |
| 5. | | Optional subjects* | Autumn | 6 |
| | | | Total: | 30 |

*Optional subjects list for Autumn semester is on the page 7

## Human Geography:

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S230B020 | World Social and Economic Geography | Autumn | 5 |
| 2. | S230B026 | Demography and Population Geography | Autumn | 6 |
| 3. | S000B696 | Development of Geographic Ideas and Discoveries | Autumn | 4 |

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 4. | S230B015 | GIS Basics | Autumn | 4 |
| 5. | S230B034 | Spatial Data Systems | Autumn | 5 |
| 6. | | Optional subject* | Autumn | 6 |
| | | | **Total:** | **30** |

*Optional subjects list for Autumn semester is on the page 7

## Philology:

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | H004B197 | Literary Seminar | Autumn | 3 |
| 2. | H004B146 | Introduction to Linguistics | Autumn | 3 |
| 3. | H004B184 | English (Business Discourse) | Autumn | 6 |
| 4. | H004B153 | History and Culture of Great Britain | Autumn | 3 |
| 5. | | Optional subjects* | Autumn | 15 |
| | | | **Total:** | **30** |

*Optional subjects list for Autumn semester is on the page 7

## Journalism

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S000B09Q | Communication theories | Autumn | 5 |
| 2. | S265B166 | Dissemination of information and propaganda | Autumn | 6 |
| 3. | S265B164 | Television and radio journalism, photojournalism (creative practice) | Autumn | 10 |
| | | Optional subjects* | Autumn | 11 |
| | | | **Total:** | **30** |

*Optional subjects list for Autumn semester is on the page 7

# OPTIONAL SUBJECTS FOR AUTUMN SEMESTER

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S000B09M | Development of Critical and Reflective Thinking | Autumn | 6 |
| 2. | S190B083 | Leadership | Autumn | 6 |
| 3. | S190B020 | Teamwork | Autumn | 4 |
| 4. | H360B032 | Lithuanian Language for Foreigners A1 | Autumn | 3 |
| 5. | H004B125 | English Stylistics | Autumn | 3 |
| 6. | S189B026 | Human Recourse Management | Autumn | 6 |
| 7. | S190M078 | Organizational Culture Development | Autumn | 6 |
| 8. | S190M035 | Advanced leadership system | Autumn | 6 |
| 9. | S170B107 | System of EU Public Administration | Autumn | 6 |
| 10. | S190B002 | Management | Autumn | 6 |
| 11. | S230B014 | Regional studies and Regional Research Methods | Autumn | 6 |
| 12. | S260B144 | Cross Cultural Psychology | Autumn | 6 |
| 13. | S000B984 | Leisure Physical Activity | Autumn | 3 |
| 14. | S180B072 | Accounting | Autumn | 6 |
| 15. | S181B003 | Basics of finance and accounting | Autumn | 3 |
| 16. | S191M006 | E-marketing | Autumn | 6 |
| | S190M014 | Management of Socio-cultural Systems | Autumn | 6 |
| | B680M006 | Health Information Management | Autumn | 6 |
| | S190M074 | Methods of Strategic Management | Autumn | 6 |
| | B680M100 | Health Care Quality Management | Autumn | 6 |
| | S190M284 | Organizational Change Management | Autumn | 6 |
| | S190M002 | Innovations Strategies | Autumn | 6 |
| | S190M006 | Personnel Management Methodology | Autumn | 6 |
| | S000B09Z | Digital Learning and Teaching and Media Education | Autumn | 6 |

# SPRING SEMESTER

## INSTITUTE OF BALTIC REGION HISTORY AND ARCHAEOLOGY

**History and Archaeology:**

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | H000B007 | Introduction to Archaeological Studies | Spring | 6 |
| 2. | H340B013 | Methods of Underwater Research | Spring | 4 |
| 3. | H340B062 | Stone and Bronze Ages | Spring | 6 |
| 4. | H340B063 | Technological Changes in Prehistory | Spring | 5 |
| | H005B090 | History of Navigation in the Baltic Sea Region | Spring | 3 |
| 5. | | Optional subjects* | Spring | 9 |
| | | | **Total:** | |

*Optional subjects list for Spring semester is on the page 14.

# FACULTY OF HEALTH SCIENCES

**Leisure Sports:**

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S000B09Y | Health-Enhancing Physical Activity | Spring | 3 |
| 2. | S000B05H | Winter Sports | Spring | 5 |
| 3. | S000B03U | Practice | Spring | 5 |
| 4. | S000B05Y | Water Sports | Spring | 5 |
| 5. |  | Optional subjects* | Spring | 12 |
|  |  |  | **Total:** | **30** |

*Optional subjects list for Spring semester is on the page 14.

**Nursing:**

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | B000B486 | Pharmacology | Spring | 5 |
| 2. | B000B391 | Leadership in Nursing | Spring | 3 |
| 3. | B000B485 | Evidence and Research: Approaches to Design and Methods (for nursing students, possible for public health and social work students) | Spring | 6 |
| 4. |  | Optional subjects* | Spring | 16 |
|  |  |  | **Total:** | **30** |

*Optional subjects list for Spring semester is on the page 14.

**Health care management**

| No. | Code | Subject | Semester | ECTS |
|-----|------|---------|----------|------|
| 1. | S180M001 | Managerial Economics | Spring | 6 |
| 2. | B680M008 | Primary Health Care and Community Health | Spring | 6 |
| 3. | B680M019 | Health Policy and Strategic Management | Spring | 6 |
| 4. |  | Optional Subject | Spring | 12 |
|  |  |  | **Total:** | **30** |

*Optional subjects list for Autumn semester is on the page 14.

# FACULTY OF MARINE TECHNOLOGIES AND NATURAL SCIENCES

## Engineering and IT:

Engineering and IT students can choose subjects from the list below and **not more than 12 ECTS credits** from the Optional Subjects list.

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | T120B123 | Computer Networks and IoT | Spring | 6 |
| 2. | P000B062 | Human - Computer Interaction | Spring | 6 |
| 3. | T120B117 | Automation of Software Development Processes | Spring | 5 |
| 4. | P160B048 | Probability Theory and Applied Statistics | Spring | 5 |
| 5. | T120B112 | Cloud Computing Systems and API Programming | Spring | 6 |
| 6. | T220B073 | Hydromechanics | Spring | 5 |
| 7. | T130B005 | Welding Engineering | Spring | 5 |
| 8. | T210B023 | Manufacturing Technology with Course Project | Spring | 5 |
| 9. | T300B027 | Marine Engineering Information Technologies | Spring | 6 |
| 10. | P000B219 | Simulation Modelling | Spring | 5 |
| 11. | P160B070 | Application development frameworks | Spring | 6 |
| 12. | T120B014 | Fundamentals of Software Engineering | Spring | 5 |
| 13. | P160B071 | Algorithm analysis and parallel algorithms | Spring | 5 |
| 14. | P000B289 | Database Design | Spring | 6 |
| 15. | P000B191 | Artificial Intelligence | Spring | 5 |
| 16. | P170B187 | Object Programming | Spring | 6 |
| 17. | T120B093 | Fundamentals of Logic and Discrete Mathematics | Spring | 6 |
| 18. | T130B007 | Technological Equipment | Spring | 4 |
| 19. | T270B009 | Environmental Engineering | Spring | 5 |
| 20. | T210B077 | Manufacturing Technology with Course Project | Spring | 6 |
| 21. | T300B027 | Marine Engineering Information Technologies | Spring | 6 |
| 22. | T003M041 | Cargo Handling Operations and Management | Spring | 6 |
| 23. | T003M004 | Logistics and Administration | Spring | 6 |
|  |  | Optional subjects* | Spring |  |

*Optional subjects list for Spring semester is on the page 14.

# FACULTY OF SOCIAL SCIENCES AND HUMANITIES

**Childhood Pedagogy:**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S000B03Q | Creativity Psychology and Pedagogy | Spring | 4 |
| 2. | S000B901 | Childhood Pedagogy (with Practicum) | Spring | 6 |
| 3. | S000B09W | Cultural Education | Spring | 4 |
| 4. | | Optional subjects* | Spring | 16 |
| | | | **Total:** | **30** |

*Optional subjects list for Spring semester is on the page 14.

**Management:**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S190B100 | Entrepreneurship | Spring | 6 |
| 2. | S190B027 | Logistics | Spring | 6 |
| 3. | S190B030 | Innovation Management | Spring | 5 |
| 4. | | Optional subjects* | Spring | 13 |
| | | | **Total:** | **30** |

*Optional subjects list for Spring semester is on the page 14.

**Public Administration:**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S170B089 | Administration of Public Service Provision | Spring | 6 |
| 2. | S170B023 | Quality Management in Public Administration | Spring | 6 |
| 3. | S170B107 | System of EU Public Administration | Spring | 6 |
| 4. | | Optional subjects* | Spring | 12 |
| | | | **Total:** | **30** |

*Optional subjects list for Spring semester is on the page 14.

## Business Management (for Master students):

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S190M002 | Innovation Strategies | Spring | 6 |
| 2. | S190M048 | Sustainable Business Development | Spring | 6 |
| 3. | S190M001 | Service Management | Spring | 6 |
| 4. | | Optional subjects* | Spring | 12 |
| | | | Total: | 30 |

*Optional subjects list for Spring semester is on the page 14.

## Human Geography:

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S000B749 | Basics and Models of Sustainable Regional Development | Spring | 5 |
| 2. | S000B697 | World Social Economic Geography (Europe and North America) | Spring | 4 |
| 3. | S000B194 | Ethnogeography | Spring | 4 |
| 4. | S230B035 | Spatial data modelling | Spring | 5 |
| 6. | S000B683 | Social and Economic Geography of Lithuania | Spring | 6 |
| 7. | | Optional subjects* | Spring | 6 |
| | | | Total: | 30 |

*Optional subjects list for Spring semester is on the page 14.

## Economics:

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S180B066 | Economic Analysis and Modeling. | Spring | 6 |
| 2. | S180B052 | Taxes and Taxation (Economic Special Course) | Spring | 6 |
| 3. | S180B153 | Term Paper in Economics | Spring | 6 |
| 4 | S180B09H | Behavioral Economics | Spring | 6 |
| 5. | | Optional subjects* | Spring | 6 |
| | | | Total: | 30 |

*Optional subjects list for Spring semester is on the page 14.

**Philology:**

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | H004B149 | English | Spring | 6 |
| 2. | H004B194 | Modern Language Research | Spring | 3 |
| 3. | H004B201 | Modern Literature | Spring | 6 |
| 4. | H000B309 | English Lexicology | Spring | 3 |
| 5. | H004B183 | English Phonetics and Grammar | Spring | 3 |
| 6. |  | Optional subjects* | Spring | 9 |
|  |  |  | **Total:** | **30** |

*Optional subjects list for Spring semester is on the page 14.

## OPTIONAL SUBJECTS FOR SPRING SEMESTER

| No. | Code | Subject | Semester | ECTS |
|---|---|---|---|---|
| 1. | S265B154 | Strategic Communication | Spring | 4 |
| 2. | S190B083 | Leadership | Spring | 6 |
| 3. | S190B089 | Crisis Management | Spring | 6 |
| 4. | S190B001 | Business projects | Spring | 5 |
| 5. | S190B081 | Negotiation technique | Spring | 5 |
| 6. | S190B301 | Organizational behavior | Spring | 5 |
| 7. | H360B032 | Lithuanian Language for Foreigners A1 | Spring | 3 |
| 8. | S190B091 | Service Operations Management | Spring | 5 |
| 9. | H004B123 | English Language Structure | Spring | 6 |
| 10. | S190M005 | Organizational Culture Development | Spring | 6 |
| 11. | S190B086 | Business communication | Spring | 6 |
| 12. | S000B09Y | Health-Enhancing Physical Activity | Spring | 3 |
| 13. | S180B072 | Accounting | Spring | 6 |
| 14. | S181B003 | Basics of finance and accounting | Spring | 3 |
| 15. | S180B306 | Marketing | Spring | 6 |
| 16. | B680M003 | Public Health Assessment | Spring | 6 |
| 17. | B680M011 | Children and Teenage Health | Spring | 6 |
| 18. | S190M001 | Service Management | Spring | 6 |
| 19. | S271B001 | Music in Therapy and Education | Spring | 6 |
| 20. | S230B014 | Regional studies and Regional Research Methods | Autumn | 6 |