



CURRICULUM

| | |
|------------------------|---|
| Study Type | Bachelor |
| Study Language | Czech |
| Faculty | Faculty of Food and Biochemical Technology |
| Study programme | Food and Biochemical Technology |
| Study sub-programme | Food Technology |
| Year | 2019/2020 |

Organization of the academic year 2017/2018

The academic year **2017/2018** starts on **11th September 2017** and ends on **7th September 2018**

Structure of the academic year

| Winter semester (WS) | |
|--|-----------------------|
| The dates of registration for the summer semester will be organized by the Dean´s office of the respective faculty no later than by 29th September 2017 . | |
| Lectures, seminars, laboratory work: | 18. 9. – 22. 12. 2017 |
| Assessment period: | 2. 1. – 16. 2. 2018 |

| Summer semester (SS) | |
|--|---|
| The dates of registration for the summer semester will be organized by the Dean´s office of the respective faculty no later than 2nd March 2018 | |
| Lectures, seminars, laboratory work: | 19. 2. – 25. 5. 2018 |
| Assessment period: | 28. 5. – 29. 6. 2018 27. 8. – 7. 9. 2018 |

The lessons start no earlier than at 8:00 a.m. The lessons always start on the hour, the duration of one lesson is 50 minutes.

The Rector´s Days: **20. 11. and 24. 11. 2017**

The Students´ Scientific Conference: 20. 11. 2017
Open Days: 24. 11. and 25. 11. 2017
19. 1. and 20. 1. 2018

Enrolment in compulsory-optional and optional courses and registration for timetable

| | |
|---|-----------------------|
| Registration for the timetable for WS: | 7. 9. – 15. 9. 2017 |
| Preliminary enrolment in compulsory-optional and optional courses for SS: | 23. 11. – 1. 12. 2017 |
| Registration for the timetable for SS: | 8. 2. -16. 2. 2018 |
| Preliminary enrolment in compulsory-optional and optional courses for WS 2018/19: | 10. 5. – 18. 5. 2018 |

Important dates for students of III. year of Bachelor studies

| | |
|---|----------------|
| Check of study requirements fulfillment: | |
| I. term of State Final Examination*: | by 8. 6. 2018 |
| II. term of State Final Examination*: | by 10. 7. 2018 |

| | |
|--|----------------|
| Submission of Bachelor Diploma Thesis | |
| I. term of State Final Examination*: | by 8. 6. 2018 |
| II. term of State Final Examination*: | by 10. 7. 2018 |

| | |
|---------------------------------------|----------------------|
| State Final Examination terms: | |
| I. term of State Final Examination*: | 18. 6. – 29. 6. 2018 |
| II. term of State Final Examination*: | 27. 8. – 7. 9. 2018 |

| | |
|---|----------------------|
| State Final Examination terms for students of Bachelor degree programme Specialization in pedagogics : | |
| I. term of State Final Examination*: | June 2018 |
| II. term of State Final Examination*: | 20. 8. – 30. 8. 2018 |

* The exact dates are to be decided by the Dean of the respective faculty.

The graduation ceremony for Bachelor degree graduates will be held on **10th October and 11th October 2018.**

Abbreviations and their meaning:

| Abbrev. ENG | Abbrev. CZE | |
|------------------------|------------------------|-------------------|
| C | Z | credit |
| MC | KZ | classified credit |
| Ex | Zk | examination |

| | |
|---|-----------------|
| p | lecture |
| c | seminar |
| l | laboratory work |

the numbers preceding an abbreviation indicate number of lessons per week

Study Programme: **Food and Biochemical Technology**
 Study Sub-programme: **Food Technology**
 Code: **TEPO**

1st year - WINTER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|--|--|------------|-------------|------|------|
| N101002 | Chemical Calculations | 101 | 2c | C | 2 |
| N101005 | General and Inorganic Chemistry I | 101 | 3p+2c | C+Ex | 8 |
| N240011 | Fundamentals of Toxicology and Ecology | 240 | 2p | Ex | 3 |
| N320016 | Biology I | 320 | 3p | Ex | 5 |
| N322020 | Introduction to Food Sciences | 322 | 2p | MC | 3 |
| N413022 | Mathematics I | 413 | 3p+4c | C+Ex | 9 |
| List of optional subjects for this semester is located on the page 11 | | | | | |

1st year - SUMMER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|--|-----------------------------------|------------|-------------|------|------|
| N101003 | Inorganic Chemistry: Laboratory I | 101 | 4l | MC | 3 |
| N110004 | Organic Chemistry I | 110 | 2p+2c | C+Ex | 6 |
| N320015 | Biology: Laboratory | 320 | 2l | MC | 1 |
| N324002 | Production of Food Raw Materials | 324 | 2p | Ex | 3 |
| N444001 | Physics I | 444 | 3p+2c | C+Ex | 7 |
| N445001A | Applications of Computer Science | 445 | 3c | MC | 3 |
| N834008 | Professional English Language I | 834 | 2c | C | 1 |
| Elective subject 1 (choose at least 1 subject(s) from this group) | | | | | |
| N323004 | Sensory Analysis | 323 | 2p+1c | C+Ex | 4 |
| N413003 | Mathematics II | 413 | 3p+3c | C+Ex | 8 |
| N437005A | Enterprise Economics | 837 | 2p+1c | C+Ex | 4 |
| List of optional subjects for this semester is located on the page 12 | | | | | |

2nd year - WINTER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|--|---|------------|-------------|------|------|
| N110002 | Organic Chemistry: Laboratory I | 110 | 4l | MC | 3 |
| N143013 | Chemical Informatics | 143 | 1p+1c | MC | 2 |
| N320001 | Biochemistry I | 320 | 3p | Ex | 5 |
| N320003 | Biochemistry: Seminar I | 320 | 1c | MC | 1 |
| N403011 | Physical Chemistry I | 403 | 3p+2c | C+Ex | 6 |
| N444003 | Physics: Laboratory | 444 | 3l | MC | 3 |
| N834009 | Professional English Language II | 834 | 2c | C+Ex | 2 |
| Elective subject 2 (choose at least 1 subject(s) from this group) | | | | | |
| N110005 | Organic Chemistry II | 110 | 3p+2c | C+Ex | 7 |
| N342001 | Bioorganic Chemistry of Natural Compounds | 342 | 2p+2c | C+Ex | 5 |
| Elective subject 3 (choose at least 1 subject(s) from this group) | | | | | |
| N322024 | Basics cosmetics | 322 | 1p+1c | C+Ex | 3 |
| N323006 | Introduction to Food Legislation | 323 | 2p | Ex | 3 |
| N323007 | Food Commodity Expertise | 323 | 2p+1c | Ex | 4 |
| N323008 | Data Processing in Statistics | 323 | 1p+2c | MC | 3 |
| List of optional subjects for this semester is located on the page 14 | | | | | |

2nd year - SUMMER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|--|---|------------|-------------|------|------|
| N320002 | Biochemistry II | 320 | 2p | Ex | 3 |
| N320014 | Laboratory of biochemistry | 320 | 6l | MC | 4 |
| N323001 | Food Chemistry | 323 | 2p+2c | C+Ex | 5 |
| N402002 | Analytical Chemistry I | 402 | 2p+2c | C+Ex | 5 |
| N402003A | Analytical Chemistry: Laboratory I | 402 | 5l | MC | 4 |
| N403013 | Physical Chemistry: Laboratory I | 403 | 4l | MC | 3 |
| N963005A | Excursions | 963 | | C | 1 |
| Elective subject 4 (choose at least 1 subject(s) from this group) | | | | | |
| N322002 | Physical Properties of Foods I | 322 | 2p+1c | C+Ex | 4 |
| N403016 | Physical Chemistry of Colloidal Systems | 403 | 3p+2c | C+Ex | 7 |
| List of optional subjects for this semester is located on the page 17 | | | | | |

3rd year - WINTER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|--|---|------------|-------------|------|------|
| N320009 | Microbiology | 320 | 3p | Ex | 5 |
| N320013 | Microbiology: Laboratory | 320 | 5l | MC | 3 |
| N323003 | Analysis of Food and Natural Products: Laboratory | 323 | 5l | MC | 3 |
| N323035 | Analysis of Foods and Natural Products | 323 | 2p+1c | C+Ex | 4 |
| N323041 | Human Nutrition and Nutritional Policy | 323 | 2p | Ex | 3 |
| N324001 | Principles of Food Preservation and Packaging | 324 | 2p+1c | C+Ex | 4 |
| N409002A | Unit Operations of Chemical Engineering I | 409 | 2p+3c | C+Ex | 6 |
| N409004 | Chemical Engineering: Project | 409 | 1c | MC | 2 |
| List of optional subjects for this semester is located on the page 20 | | | | | |

3rd year - SUMMER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|--|-------------------------------------|------------|-------------|------|------|
| N321023 | Food Technology | 321 | 5p+1c | C+Ex | 7 |
| N409013A | Chemical Engineering: Laboratory | 409 | 3l | MC | 3 |
| N963014 | Bachelor Thesis | 963 | 12c | C | 15 |
| Elective subject 5 (choose at least 1 subject(s) from this group) | | | | | |
| N319005 | Biotechnology II | 319 | 2p+1c | C+Ex | 4 |
| N322026 | Probiotics and Functional Food I | 322 | 2p | Ex | 3 |
| N409001 | Food Engineering and Bioengineering | 409 | 3p+2c | C+Ex | 6 |
| List of optional subjects for this semester is located on the page 24 | | | | | |

Optional subjects for 1st year, WINTER SEMESTER

Obory: TEPO

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|----------------------|------------|-------------|------|------|
| N101030 | Chemistry: Seminar | 101 | 2c | C | 1 |
| N413037 | Mathematics: Seminar | 413 | 2c | C | 1 |
| N834005 | Czech Language I | 834 | 2c | C | 1 |
| N834066 | English seminar | 834 | 2c | C | 0 |

OPT 1/1

Optional subjects for 1st year, SUMMER SEMESTER

Obory: TEPO

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|---|------------|-------------|------|------|
| N101006 | General and Inorganic Chemistry II | 101 | 2p+2c | C+Ex | 5 |
| N111041 | Physiology | 111 | 1p+1c | C+Ex | 3 |
| N112005 | Polymeric Materials | 112 | 2p | Ex | 3 |
| N216034 | Climate Change | 216 | 2p | Ex | 3 |
| N217002 | Industrial Wasterwaters | 217 | 3p | Ex | 5 |
| N217005 | Distribution Networks and Sewerage | 217 | 2p+1c | C+Ex | 4 |
| N217016 | Water Quality Protection | 217 | 2p+1c | C+Ex | 4 |
| N218026A | Alternative Energy Sources I | 218 | 2p | Ex | 3 |
| N218027 | Alternative Energy Sources II | 218 | 2p | Ex | 3 |
| N240010 | Ecology | 240 | 2p | Ex | 3 |
| N323004 | Sensory Analysis | 323 | 2p+1c | C+Ex | 4 |
| N324002 | Production of Food Raw Materials | 324 | 2p | Ex | 3 |
| N342025 | Plant Remedies and Traditional Medicine | 342 | 2p | Ex | 3 |
| N413003 | Mathematics II | 413 | 3p+3c | C+Ex | 8 |
| N413010 | Computer Algebra System Maple | 413 | 2c | MC | 2 |
| N444005 | Fundamentals of Machinery | 444 | 2p+1c | C+Ex | 4 |
| N445002 | Algorithms and Programming | 445 | 2c | MC | 2 |
| N445004 | Mathematical Methods in Engineering | 445 | 2p+2c | C+Ex | 5 |
| N445006 | Computer Graphics | 445 | 1p+3c | C+Ex | 5 |
| N445036 | Enterprise Processes Simulation | 445 | 1p+2c | MC | 3 |
| N445044 | Graphs in Engineering | 445 | 2p+1c | MC | 3 |
| N445054 | Computer Data Acquisition | 445 | 2p+2c | C+Ex | 5 |
| N445079 | Information Engineering Project I | 445 | 3c | MC | 3 |
| N832004 | Political Science | 832 | 2p | C | 2 |
| N832009 | Modern Czech History | 832 | 2p | C | 2 |
| N832011 | Human Resource Management | 832 | 2p+1c | C+Ex | 4 |
| N832013 | Fundamentals of Law | 832 | 2p | Ex | 3 |
| N832014 | History of Chemistry | 832 | 2p | MC | 3 |
| N834006 | Czech Language II | 834 | 2c | C | 1 |
| N834019 | English - pre-intermediate II | 834 | 2c | C | 1 |
| N834021 | English - intermediate II | 834 | 2c | C | 1 |
| N834023 | German - beginners II | 834 | 2c | C | 1 |
| N834025 | German - pre-intermediate II | 834 | 2c | C | 1 |
| N834027 | German - intermediate II | 834 | 2c | C | 1 |
| N834029 | French - beginners II | 834 | 2c | C | 1 |
| N834031 | French - pre-intermediate II | 834 | 2c | C | 1 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|-------------------------------|------------|-------------|------|------|
| N834033 | French - intermediate II | 834 | 2c | C | 1 |
| N834035 | Russian - beginners II | 834 | 2c | C | 1 |
| N834037 | Russian - pre-intermediate II | 834 | 2c | C | 1 |
| N834045 | English - advanced II | 834 | 2c | C | 1 |
| N834053 | Russian - intermediate II | 834 | 2c | C | 1 |
| N834056 | Spanish - beginners II | 834 | 2c | C | 1 |
| N834057 | Spanish - pre-intermediate II | 834 | 2c | C | 1 |
| N834059 | Spanish - intermediate II | 834 | 2c | C | 1 |

Optional subjects for 2nd year, WINTER SEMESTER

Obory: TEPO

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|--|------------|-------------|------|------|
| N101001 | Safety and Legislation in Chemistry | 101 | 2p | Ex | 3 |
| N101004 | Inorganic Chemistry: Laboratory II | 101 | 4l | MC | 4 |
| N105004 | Introduction to Chemical Technologies | 105 | 2p | Ex | 3 |
| N105006 | Fundamentals of Inorganic Technologies | 105 | 2p | Ex | 3 |
| N106001 | Materials Degradation | 106 | 2p | Ex | 3 |
| N106006 | Properties and Testing of Metals | 106 | 2p+1c | C+Ex | 4 |
| N106009 | Historical Methods of Metal Production and Processing | 106 | 2p | Ex | 3 |
| N107021 | Waste Treatment: of Building Materials, Glass, Ceramics | 107 | 2p | Ex | 3 |
| N107022 | Historical Methods of Glass and Ceramic Manufacturing and Processing | 107 | 2p | Ex | 3 |
| N108003 | Introduction to Mineralogy | 108 | 2p | Ex | 3 |
| N108004 | Introduction to Study of Materials | 108 | 2p | Ex | 3 |
| N108021 | Analysis of Solid Pharmaceuticals | 108 | 2p | Ex | 3 |
| N108022 | Chemistry and Physics of Solid Pharmaceuticals | 108 | 2p | Ex | 3 |
| N110005 | Organic Chemistry II | 110 | 3p+2c | C+Ex | 7 |
| N148003 | Preventive Conservation | 148 | 2p | Ex | 3 |
| N148027 | History of Textiles Manufacturing and Processing | 148 | 2p | Ex | 3 |
| N148028 | Chemistry of Fibres | 148 | 2p | Ex | 3 |
| N148031 | Textile Conservation | 148 | 2p | Ex | 3 |
| N215005 | Fundamentals of Petroleum Processing and Utilization | 215 | 2p | Ex | 3 |
| N215006 | Organic Technology | 215 | 2p | Ex | 3 |
| N215007 | Fuels Analysis | 215 | 3p | Ex | 5 |
| N216001 | Safety and reliability in the power engineering and the other industry | 216 | 2p+1c | C+Ex | 4 |
| N216007 | Atmospheric Chemistry | 216 | 2p | Ex | 3 |
| N216008 | Gas Cleaning Technology | 216 | 3p | Ex | 5 |
| N216023 | Processing of Waste Gases | 216 | 2p+1c | C+Ex | 4 |
| N216034 | Climate Change | 216 | 2p | Ex | 3 |
| N217001 | Water Analysis | 217 | 2p | Ex | 3 |
| N217006 | Fundamentals of Wastewater Treatment | 217 | 3p+2c | C+Ex | 7 |
| N217008 | Water Treatment | 217 | 2p | Ex | 3 |

OPT 2/1

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|---|------------|-------------|------|------|
| N217031 | Technologies for Production of Biogas and Biohydrogen | 217 | 2p | Ex | 3 |
| N218026 | Alternative Energy Sources I | 218 | 2p | Ex | 3 |
| N240009 | Environmental Chemistry | 240 | 3p | Ex | 5 |
| N251005 | Laboratory of Fuels | 215 | 6l | MC | 4 |
| N322024 | Basics cosmetics | 322 | 1p+1c | C+Ex | 3 |
| N342001 | Bioorganic Chemistry of Natural Compounds | 342 | 2p+2c | C+Ex | 5 |
| N342029 | Basics Scientific Communication | 342 | 2p+1c | C+Ex | 4 |
| N413003A | Mathematics II | 413 | 3p+3c | C+Ex | 8 |
| N413005 | Numerical Methods | 413 | 3p+2c | C+Ex | 7 |
| N413010A | Computer Algebra System Maple | 413 | 2c | MC | 2 |
| N413039 | Fourier transform for Bc. students | 413 | 2p+2c | C+Ex | 5 |
| N437005 | Enterprise Economics | 837 | 2p+1c | C+Ex | 4 |
| N437019 | Basic Food Marketing | 837 | 2p | Ex | 3 |
| N437022 | Basic Marketing of Chemical Products | 837 | 2p | Ex | 3 |
| N437037 | Development of Social Competencies | 837 | 2p+1c | C | 3 |
| N437061 | Introduction to Entrepreneurship | 837 | 2p | Ex | 2 |
| N444006 | Physics II | 444 | 2p+2c | C+Ex | 5 |
| N444008 | Measurement in Environmental Protection | 444 | 2p+1c | Ex | 4 |
| N444010 | Biophysics | 444 | 2p+1c | C+Ex | 4 |
| N445003 | Database Systems | 445 | 1p+3c | C+Ex | 5 |
| N445005 | Webdesign I | 445 | 1p+3c | MC | 4 |
| N445008 | Spreadsheet Applications | 445 | 1p+2c | MC | 4 |
| N445011 | Presentation Skills | 445 | 1p+3c | MC | 3 |
| N445012 | Signal Processing | 445 | 3p+2c | C+Ex | 5 |
| N445030 | Artificial Intelligence | 445 | 2p+2c | C+Ex | 5 |
| N445055 | Programming Techniques | 445 | 1p+3c | C+Ex | 5 |
| N445056 | Project Management | 445 | 2p+2c | C+Ex | 5 |
| N445078 | Introduction to Programming | 445 | 1p+3c | C+Ex | 5 |
| N445081 | Information Engineering Project II | 445 | 3c | MC | 3 |
| N445086 | Fundamentals of Microprocessor Technology | 445 | 1p+2c | MC | 3 |
| N832001 | Microeconomics | 832 | 2p | C | 2 |
| N832002 | Sociology | 832 | 2p | C | 2 |
| N832003 | Fundamentals of Philosophy | 832 | 2p | C | 2 |
| N832041 | European history | 832 | 2p | C | 2 |
| N832045 | International economics | 832 | 2p | Ex | 3 |

Optional subjects for 2nd year, WINTER SEMESTER

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|--------------------------------|------------|-------------|------|------|
| N832048 | Intellectual property | 832 | 2p | C | 2 |
| N832049 | Presentation skills | 832 | 1p+1c | C+Ex | 4 |
| N832051 | Science Journalism | 832 | 2c | C | 2 |
| N834005 | Czech Language I | 834 | 2c | C | 1 |
| N834018 | English - pre-intermediate I | 834 | 2c | C | 1 |
| N834020 | English - intermediate I | 834 | 2c | C | 1 |
| N834022 | German - beginners I | 834 | 2c | C | 1 |
| N834024 | German - pre-intermediate I | 834 | 2c | C | 1 |
| N834026 | German - intermediate I | 834 | 2c | C | 1 |
| N834028 | French - beginners I | 834 | 2c | C | 1 |
| N834030 | French - pre-intermediate I | 834 | 2c | C | 1 |
| N834032 | French - intermediate I | 834 | 2c | C | 1 |
| N834034 | Russian - beginners I | 834 | 2c | C | 1 |
| N834036 | Russian - pre-intermediate I | 834 | 2c | C | 1 |
| N834044 | English - advanced I | 834 | 2c | C | 1 |
| N834052 | Russian - intermediate I | 834 | 2c | C | 1 |
| N834054 | Spanish - beginners I | 834 | 2c | C | 1 |
| N834055 | Spanish - pre-intermediate I | 834 | 2c | C | 1 |
| N834058 | Spanish - intermediate I | 834 | 2c | C | 1 |
| N834067 | Italian language - beginners I | 834 | 2c | C | 1 |

OPT 2/1

Optional subjects for 2nd year, SUMMER SEMESTER

Obory: TEPO

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|---|------------|-------------|------|------|
| N101006 | General and Inorganic Chemistry II | 101 | 2p+2c | C+Ex | 5 |
| N101008 | Structure and Properties of Materials | 101 | 2p+1c | C+Ex | 4 |
| N106004 | Metallurgy | 106 | 2p | Ex | 3 |
| N106018 | Metallic Materials | 106 | 2p | Ex | 3 |
| N106023 | Materials Corrosion for Conservators | 106 | 2p | Ex | 3 |
| N107001 | Inorganic Non-Metallic Materials | 107 | 2p | Ex | 3 |
| N107004 | Spectroscopic and Microscopic Methods for Characterization of Materials | 107 | 3p+1c | C+Ex | 5 |
| N107023 | Surface Treatment and Conservation of Glass and Ceramics | 107 | 2p | Ex | 3 |
| N108002 | Single Crystals | 108 | 2p | Ex | 3 |
| N108013 | Chemistry of the Environment | 108 | 3p | Ex | 4 |
| N110003 | Organic Chemistry: Laboratory II | 110 | 4l | MC | 4 |
| N111006 | Environmental Protection Processes | 111 | 2p+1c | C+Ex | 4 |
| N111008 | User Software | 111 | 3c | MC | 3 |
| N112003 | Macromolecular Chemistry | 112 | 2p+1c | C+Ex | 4 |
| N112005 | Polymeric Materials | 112 | 2p | Ex | 3 |
| N148001 | Building materials of monuments and their deterioration | 148 | 2p | Ex | 3 |
| N215002 | Fundamentals of Combustion Processes | 215 | 2p | Ex | 3 |
| N216003 | Fundamentals of Coal and Gas Processing and Utilization | 216 | 2p | Ex | 3 |
| N216034 | Climate Change | 216 | 2p | Ex | 3 |
| N217002 | Industrial Wasterwaters | 217 | 3p | Ex | 5 |
| N217004 | Decentralised Treatment and Reuse of Wastewater | 217 | 2p | Ex | 3 |
| N217005 | Distribution Networks and Sewerage | 217 | 2p+1c | C+Ex | 4 |
| N217016 | Water Quality Protection | 217 | 2p+1c | C+Ex | 4 |
| N218004 | Fundamentals of Power Engineering | 218 | 2p+1c | C+Ex | 4 |
| N218026A | Alternative Energy Sources I | 218 | 2p | Ex | 3 |
| N218027 | Alternative Energy Sources II | 218 | 2p | Ex | 3 |
| N240010 | Ecology | 240 | 2p | Ex | 3 |
| N240031 | Management of chemicals (REACH) | 240 | 1p+1c | MC | 3 |
| N320002 | Biochemistry II | 320 | 2p | Ex | 3 |
| N321001 | Food Technology and Biotechnology | 321 | 3p | MC | 3 |
| N322002 | Physical Properties of Foods I | 322 | 2p+1c | C+Ex | 4 |
| N322026 | Probiotics and Functional Food I | 322 | 2p | Ex | 3 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|---|------------|-------------|------|------|
| N323001 | Food Chemistry | 323 | 2p+2c | C+Ex | 5 |
| N323004 | Sensory Analysis | 323 | 2p+1c | C+Ex | 4 |
| N324002 | Production of Food Raw Materials | 324 | 2p | Ex | 3 |
| N342002 | Raw materials from Sustainable Sources | 342 | 2p | Ex | 3 |
| N342022 | Isolation and Identification of Natural Compounds | 342 | 2p+1c | C+Ex | 4 |
| N342025 | Plant Remedies and Traditional Medicine | 342 | 2p | Ex | 3 |
| N402007 | Analytical Chemistry: Laboratory II | 402 | 4l | MC | 4 |
| N403002 | Measurement of Basic Physico-Chemical Quantities | 403 | 3c | MC | 3 |
| N403003 | Introduction to Chemical-Engineering Thermodynamics | 403 | 1p+2c | C+Ex | 4 |
| N403014 | Physical Chemistry II | 403 | 3p+2c | C+Ex | 7 |
| N409002 | Unit Operations of Chemical Engineering I | 409 | 2p+3c | C+Ex | 6 |
| N413003 | Mathematics II | 413 | 3p+3c | C+Ex | 8 |
| N413008A | Applied Mathematics | 413 | 2p+2c | C+Ex | 5 |
| N413009 | Introduction to Mathematical Optimization | 413 | 2p+2c | C+Ex | 5 |
| N413010 | Computer Algebra System Maple | 413 | 2c | MC | 2 |
| N413017 | Financial Mathematics | 413 | 2p+1c | MC | 3 |
| N413031 | Mathematics III | 413 | 2p+2c | C+Ex | 5 |
| N413033 | Mathematics for Quantum Chemistry | 413 | 2p+2c | C+Ex | 5 |
| N437003 | Management of Enterprise Processes | 837 | 2p+1c | C+Ex | 4 |
| N437006 | Financial Accounting | 837 | 2p+2c | C+Ex | 5 |
| N437038 | Career and Development SelfManagement | 837 | 2p | C | 2 |
| N437059 | Negotiation and conflict communication | 837 | 1p+2c | MC | 3 |
| N444005 | Fundamentals of Machinery | 444 | 2p+1c | C+Ex | 4 |
| N444007 | Fundamentals of Electronics | 444 | 2p+2c | C+Ex | 5 |
| N445002 | Algorithms and Programming | 445 | 2c | MC | 2 |
| N445004 | Mathematical Methods in Engineering | 445 | 2p+2c | C+Ex | 5 |
| N445006 | Computer Graphics | 445 | 1p+3c | C+Ex | 5 |
| N445022A | Image Processing I | 445 | 2p+2c | C+Ex | 5 |
| N445044 | Graphs in Engineering | 445 | 2p+1c | MC | 3 |
| N445052 | Database Systems Design | 445 | 1p+3c | C+Ex | 5 |
| N445054 | Computer Data Acquisition | 445 | 2p+2c | C+Ex | 5 |
| N445070 | Geographical Information Systems | 445 | 2p+1c | MC | 3 |
| N445079 | Information Engineering Project I | 445 | 3c | MC | 3 |
| N832004 | Political Science | 832 | 2p | C | 2 |
| N832005 | Macroeconomics | 832 | 2p | Ex | 3 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|---|------------|-------------|------|------|
| N832009 | Modern Czech History | 832 | 2p | C | 2 |
| N832010 | Selected Topics in Philosophy and the Philosophy of Science | 832 | 2p | C | 2 |
| N832011 | Human Resource Management | 832 | 2p+1c | C+Ex | 4 |
| N832013 | Fundamentals of Law | 832 | 2p | Ex | 3 |
| N832014 | History of Chemistry | 832 | 2p | MC | 3 |
| N832015 | Fundamentals of Financial Management | 832 | 2p | C | 2 |
| N834006 | Czech Language II | 834 | 2c | C | 1 |
| N834019 | English - pre-intermediate II | 834 | 2c | C | 1 |
| N834021 | English - intermediate II | 834 | 2c | C | 1 |
| N834023 | German - beginners II | 834 | 2c | C | 1 |
| N834025 | German - pre-intermediate II | 834 | 2c | C | 1 |
| N834027 | German - intermediate II | 834 | 2c | C | 1 |
| N834029 | French - beginners II | 834 | 2c | C | 1 |
| N834031 | French - pre-intermediate II | 834 | 2c | C | 1 |
| N834033 | French - intermediate II | 834 | 2c | C | 1 |
| N834035 | Russian - beginners II | 834 | 2c | C | 1 |
| N834037 | Russian - pre-intermediate II | 834 | 2c | C | 1 |
| N834045 | English - advanced II | 834 | 2c | C | 1 |
| N834053 | Russian - intermediate II | 834 | 2c | C | 1 |
| N834056 | Spanish - beginners II | 834 | 2c | C | 1 |
| N834057 | Spanish - pre-intermediate II | 834 | 2c | C | 1 |
| N834059 | Spanish - intermediate II | 834 | 2c | C | 1 |
| N834068 | Italian language - beginners II | 834 | 2c | C | 1 |

Optional subjects for 3rd year, WINTER SEMESTER

Obory: TEPO

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|--|------------|-------------|------|------|
| N101001 | Safety and Legislation in Chemistry | 101 | 2p | Ex | 3 |
| N101004 | Inorganic Chemistry: Laboratory II | 101 | 4l | MC | 4 |
| N105002 | Electrochemical Processes | 105 | 2p | Ex | 3 |
| N106001 | Materials Degradation | 106 | 2p | Ex | 3 |
| N106003 | Materials Corrosion | 106 | 3p | Ex | 4 |
| N106006 | Properties and Testing of Metals | 106 | 2p+1c | C+Ex | 4 |
| N106009 | Historical Methods of Metal Production and Processing | 106 | 2p | Ex | 3 |
| N106025 | Treatment and Conservation of Metal Surfaces | 106 | 2p | Ex | 3 |
| N106037 | Waste Processing | 106 | 2p | Ex | 3 |
| N107005 | Technical Mineralogy | 107 | 2p+1c | C+Ex | 4 |
| N107006 | Fundamentals of Glass and Ceramic Technologies | 107 | 2p+1c | C+Ex | 4 |
| N107021 | Waste Treatment: of Building Materials, Glass, Ceramics | 107 | 2p | Ex | 3 |
| N107022 | Historical Methods of Glass and Ceramic Manufacturing and Processing | 107 | 2p | Ex | 3 |
| N108001 | Structure of Crystals | 108 | 2p | Ex | 3 |
| N108003 | Introduction to Mineralogy | 108 | 2p | Ex | 3 |
| N108004 | Introduction to Study of Materials | 108 | 2p | Ex | 3 |
| N108018 | Gemmology | 108 | 2p | Ex | 3 |
| N108021 | Analysis of Solid Pharmaceuticals | 108 | 2p | Ex | 3 |
| N108022 | Chemistry and Physics of Solid Pharmaceuticals | 108 | 2p | Ex | 3 |
| N110005 | Organic Chemistry II | 110 | 3p+2c | C+Ex | 7 |
| N111014 | Engineering in the Pharmaceutical Industry | 111 | 3p | Ex | 5 |
| N112001 | Physics of Polymers | 112 | 2p+1c | C+Ex | 4 |
| N112003A | Macromolecular Chemistry | 112 | 2p+1c | C+Ex | 4 |
| N112004 | Characterization Methods for Polymeric Materials | 112 | 2p+2c | C+Ex | 4 |
| N126003 | Structure and Properties of Polymers | 126 | 2p | Ex | 3 |
| N126012 | Introduction to Electronics | 126 | 2p | Ex | 3 |
| N148003 | Preventive Conservation | 148 | 2p | Ex | 3 |
| N148009 | Methods of Conservation Survey | 148 | 2p | Ex | 3 |
| N148016 | History of Handicrafts: Glass, Ceramics and Porcelain | 148 | 2p | Ex | 3 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|--|------------|-------------|------|------|
| N148017 | History of Handicrafts: Metals | 148 | 2p | Ex | 3 |
| N148027 | History of Textiles Manufacturing and Processing | 148 | 2p | Ex | 3 |
| N148028 | Chemistry of Fibres | 148 | 2p | Ex | 3 |
| N148031 | Textile Conservation | 148 | 2p | Ex | 3 |
| N148040 | Technical documentation of clothing | 148 | 2p | Ex | 3 |
| N148067 | History of clothing | 148 | 2p | Ex | 3 |
| N215001 | Technical Calculations on PC | 215 | 4c | C | 4 |
| N215005 | Fundamentals of Petroleum Processing and Utilization | 215 | 2p | Ex | 3 |
| N215006 | Organic Technology | 215 | 2p | Ex | 3 |
| N215007 | Fuels Analysis | 215 | 3p | Ex | 5 |
| N216001 | Safety and reliability in the power engineering and the other industry | 216 | 2p+1c | C+Ex | 4 |
| N216007 | Atmospheric Chemistry | 216 | 2p | Ex | 3 |
| N216008 | Gas Cleaning Technology | 216 | 3p | Ex | 5 |
| N216023 | Processing of Waste Gases | 216 | 2p+1c | C+Ex | 4 |
| N217001 | Water Analysis | 217 | 2p | Ex | 3 |
| N217006 | Fundamentals of Wastewater Treatment | 217 | 3p+2c | C+Ex | 7 |
| N217008 | Water Treatment | 217 | 2p | Ex | 3 |
| N217031 | Technologies for Production of Biogas and Biohydrogen | 217 | 2p | Ex | 3 |
| N218005 | Treatment of Feed- and Industrial Water | 218 | 2p+1c | C+Ex | 4 |
| N218026 | Alternative Energy Sources I | 218 | 2p | Ex | 3 |
| N240007 | Life Cycle Assessment | 240 | 3p | Ex | 5 |
| N251005 | Laboratory of Fuels | 215 | 6l | MC | 4 |
| N319033 | Hygiene and Safety in Microbiology | 319 | 2p | Ex | 3 |
| N320009 | Microbiology | 320 | 3p | Ex | 5 |
| N320081 | Molecular genetics and DNA analysis | 320 | 2p | Ex | 3 |
| N322024 | Basics cosmetics | 322 | 1p+1c | C+Ex | 3 |
| N323009 | Food Safety | 323 | 2p+1c | C+Ex | 4 |
| N323035 | Analysis of Foods and Natural Products | 323 | 2p+1c | C+Ex | 4 |
| N324001 | Principles of Food Preservation and Packaging | 324 | 2p+1c | C+Ex | 4 |
| N342026 | Chemical Modelling: Seminar | 342 | 3c | MC | 3 |
| N342029 | Basics Scientific Communication | 342 | 2p+1c | C+Ex | 4 |
| N402004 | Analytical Chemistry II | 402 | 2p+1c | C+Ex | 4 |
| N402007A | Analytical Chemistry: Laboratory II | 402 | 4l | MC | 4 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|--|------------|-------------|------|------|
| N403001 | Physico-Chemical Properties of Substances | 403 | 2p+1c | C+Ex | 4 |
| N403008 | Electrochemistry | 403 | 2p+1c | C+Ex | 4 |
| N403012 | Physical Chemistry: Laboratory II | 403 | 3l | MC | 3 |
| N403049 | Experiments of Physical Chemistry in Light of Computer Simulations | 403 | 1c | C | 1 |
| N409002A | Unit Operations of Chemical Engineering I | 409 | 2p+3c | C+Ex | 6 |
| N409003 | Unit Operations of Chemical Engineering II | 409 | 2p+3c | C+Ex | 6 |
| N409017 | Product Engineering I | 409 | 2p+1c | C+Ex | 4 |
| N413003A | Mathematics II | 413 | 3p+3c | C+Ex | 8 |
| N413005 | Numerical Methods | 413 | 3p+2c | C+Ex | 7 |
| N413010A | Computer Algebra System Maple | 413 | 2c | MC | 2 |
| N413039 | Fourier transform for Bc. students | 413 | 2p+2c | C+Ex | 5 |
| N437004 | Basic Marketing | 837 | 2p+2c | C+Ex | 5 |
| N437005 | Enterprise Economics | 837 | 2p+1c | C+Ex | 4 |
| N437016 | Foundations of Enterprise Financing | 837 | 2p+1c | C+Ex | 4 |
| N437019 | Basic Food Marketing | 837 | 2p | Ex | 3 |
| N437022 | Basic Marketing of Chemical Products | 837 | 2p | Ex | 3 |
| N437037 | Development of Social Competencies | 837 | 2p+1c | C | 3 |
| N437060 | Systematic problems solving | 837 | 1p+2c | MC | 3 |
| N437061 | Introduction to Entrepreneurship | 837 | 2p | Ex | 2 |
| N444004 | Measuring and Control Engineering | 444 | 2p | Ex | 3 |
| N444006 | Physics II | 444 | 2p+2c | C+Ex | 5 |
| N444008 | Measurement in Environmental Protection | 444 | 2p+1c | Ex | 4 |
| N444010 | Biophysics | 444 | 2p+1c | C+Ex | 4 |
| N445003 | Database Systems | 445 | 1p+3c | C+Ex | 5 |
| N445005 | Webdesign I | 445 | 1p+3c | MC | 4 |
| N445008 | Spreadsheet Applications | 445 | 1p+2c | MC | 4 |
| N445011 | Presentation Skills | 445 | 1p+3c | MC | 3 |
| N445012 | Signal Processing | 445 | 3p+2c | C+Ex | 5 |
| N445028 | Computer Control Systems | 445 | 2p+2c | C+Ex | 5 |
| N445030 | Artificial Intelligence | 445 | 2p+2c | C+Ex | 5 |
| N445055 | Programming Techniques | 445 | 1p+3c | C+Ex | 5 |
| N445056 | Project Management | 445 | 2p+2c | C+Ex | 5 |
| N445078 | Introduction to Programming | 445 | 1p+3c | C+Ex | 5 |
| N445081 | Information Engineering Project II | 445 | 3c | MC | 3 |
| N445086 | Fundamentals of Microprocessor Technology | 445 | 1p+2c | MC | 3 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|--------------------------------|------------|-------------|------|------|
| N832001 | Microeconomics | 832 | 2p | C | 2 |
| N832002 | Sociology | 832 | 2p | C | 2 |
| N832003 | Fundamentals of Philosophy | 832 | 2p | C | 2 |
| N832041 | European history | 832 | 2p | C | 2 |
| N832043 | Soft Skills I | 832 | 2p | C | 2 |
| N832045 | International economics | 832 | 2p | Ex | 3 |
| N832048 | Intellectual property | 832 | 2p | C | 2 |
| N832049 | Presentation skills | 832 | 1p+1c | C+Ex | 4 |
| N832051 | Science Journalism | 832 | 2c | C | 2 |
| N834005 | Czech Language I | 834 | 2c | C | 1 |
| N834018 | English - pre-intermediate I | 834 | 2c | C | 1 |
| N834020 | English - intermediate I | 834 | 2c | C | 1 |
| N834022 | German - beginners I | 834 | 2c | C | 1 |
| N834024 | German - pre-intermediate I | 834 | 2c | C | 1 |
| N834026 | German - intermediate I | 834 | 2c | C | 1 |
| N834028 | French - beginners I | 834 | 2c | C | 1 |
| N834030 | French - pre-intermediate I | 834 | 2c | C | 1 |
| N834032 | French - intermediate I | 834 | 2c | C | 1 |
| N834034 | Russian - beginners I | 834 | 2c | C | 1 |
| N834036 | Russian - pre-intermediate I | 834 | 2c | C | 1 |
| N834038 | Business English I | 834 | 2c | C | 1 |
| N834044 | English - advanced I | 834 | 2c | C | 1 |
| N834052 | Russian - intermediate I | 834 | 2c | C | 1 |
| N834054 | Spanish - beginners I | 834 | 2c | C | 1 |
| N834055 | Spanish - pre-intermediate I | 834 | 2c | C | 1 |
| N834058 | Spanish - intermediate I | 834 | 2c | C | 1 |
| N834067 | Italian language - beginners I | 834 | 2c | C | 1 |

Optional subjects for 3rd year, SUMMER SEMESTER

Obory: TEPO

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|---|------------|-------------|------|------|
| N101008 | Structure and Properties of Materials | 101 | 2p+1c | C+Ex | 4 |
| N105001 | Applied Chemical Processes | 105 | 2p+1c | C+Ex | 4 |
| N106004 | Metallurgy | 106 | 2p | Ex | 3 |
| N106018 | Metallic Materials | 106 | 2p | Ex | 3 |
| N106027 | Metal Processing Technology | 106 | 2p | Ex | 3 |
| N107001 | Inorganic Non-Metallic Materials | 107 | 2p | Ex | 3 |
| N107004 | Spectroscopic and Microscopic Methods for Characterization of Materials | 107 | 3p+1c | C+Ex | 5 |
| N107023 | Surface Treatment and Conservation of Glass and Ceramics | 107 | 2p | Ex | 3 |
| N107028 | Enamels, Enrobes, Ceramic Colours and Decoration Techniques | 107 | 2p | Ex | 3 |
| N108002 | Single Crystals | 108 | 2p | Ex | 3 |
| N110006 | Structural Analysis | 110 | 2p+1c | C+Ex | 4 |
| N110023 | Structure and Reactivity of Organic Compounds | 110 | 3p+1c | C+Ex | 6 |
| N110026 | Fundamentals of Chemistry of Pharmaceuticals | 110 | 3p | Ex | 5 |
| N111005 | Catalysis | 111 | 2p+1c | C+Ex | 4 |
| N111006 | Environmental Protection Processes | 111 | 2p+1c | C+Ex | 4 |
| N111042 | Quality Assessment and Quality Assurance in Chemical Technology | 111 | 2p | Ex | 3 |
| N111045 | Trends in Drug Research and Development | 111 | 2p | C+Ex | 3 |
| N112006 | Technology of Polymeric Materials Processing | 112 | 2p | Ex | 3 |
| N112036 | Crude for Polymeric Products | 112 | 2p | Ex | 3 |
| N126002 | Materials for Electronics | 126 | 2p+1c | C+Ex | 4 |
| N126026 | Introduction to nanomaterials | 126 | 2p | Ex | 3 |
| N148001 | Building materials of monuments and their deterioration | 148 | 2p | Ex | 3 |
| N148018 | History of Handicrafts: Textiles | 148 | 2p | Ex | 3 |
| N148030 | Pattern Construction | 148 | 4c | C | 3 |
| N215002 | Fundamentals of Combustion Processes | 215 | 2p | Ex | 3 |
| N216003 | Fundamentals of Coal and Gas Processing and Utilization | 216 | 2p | Ex | 3 |
| N217002 | Industrial Wasterwaters | 217 | 3p | Ex | 5 |
| N217003 | Hydrochemistry | 217 | 3p+2c | C+Ex | 7 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|--|------------|-------------|------|------|
| N217004 | Decentralised Treatment and Reuse of Wastewater | 217 | 2p | Ex | 3 |
| N217005 | Distribution Networks and Sewerage | 217 | 2p+1c | C+Ex | 4 |
| N217016 | Water Quality Protection | 217 | 2p+1c | C+Ex | 4 |
| N218001 | Utilization of Nuclear Fuels | 218 | 2p | Ex | 3 |
| N218004 | Fundamentals of Power Engineering | 218 | 2p+1c | C+Ex | 4 |
| N218026A | Alternative Energy Sources I | 218 | 2p | Ex | 3 |
| N218027 | Alternative Energy Sources II | 218 | 2p | Ex | 3 |
| N240010 | Ecology | 240 | 2p | Ex | 3 |
| N240031 | Management of chemicals (REACH) | 240 | 1p+1c | MC | 3 |
| N319001 | Biology of the Cell | 319 | 2p | Ex | 3 |
| N319004 | Biotechnology I | 319 | 2p+1c | C+Ex | 4 |
| N319005 | Biotechnology II | 319 | 2p+1c | C+Ex | 4 |
| N319006 | Physiology of Industrial Microorganisms | 319 | 2p | Ex | 3 |
| N320006 | Bioanalytical Methods | 320 | 2p | Ex | 3 |
| N321001 | Food Technology and Biotechnology | 321 | 3p | MC | 3 |
| N322001 | Food Technology II | 322 | 3p+1c | C+Ex | 6 |
| N322002 | Physical Properties of Foods I | 322 | 2p+1c | C+Ex | 4 |
| N322026 | Probiotics and Functional Food I | 322 | 2p | Ex | 3 |
| N323001 | Food Chemistry | 323 | 2p+2c | C+Ex | 5 |
| N323004 | Sensory Analysis | 323 | 2p+1c | C+Ex | 4 |
| N323010 | Food Analysis and Control | 323 | 2p | Ex | 3 |
| N324002 | Production of Food Raw Materials | 324 | 2p | Ex | 3 |
| N342002 | Raw materials from Sustainable Sources | 342 | 2p | Ex | 3 |
| N342005 | Structural Analysis of Natural Compounds | 342 | 2p | Ex | 3 |
| N402007 | Analytical Chemistry: Laboratory II | 402 | 4l | MC | 4 |
| N403002 | Measurement of Basic Physico-Chemical Quantities | 403 | 3c | MC | 3 |
| N403007 | Theoretical Chemistry | 403 | 3p+1c | C+Ex | 5 |
| N403014 | Physical Chemistry II | 403 | 3p+2c | C+Ex | 7 |
| N403036 | Physical Chemistry of Surfaces and Colloidal Systems | 403 | 2p+1c | C+Ex | 4 |
| N409001 | Food Engineering and Bioengineering | 409 | 3p+2c | C+Ex | 6 |
| N409002 | Unit Operations of Chemical Engineering I | 409 | 2p+3c | C+Ex | 6 |
| N413003 | Mathematics II | 413 | 3p+3c | C+Ex | 8 |
| N413008A | Applied Mathematics | 413 | 2p+2c | C+Ex | 5 |
| N413009 | Introduction to Mathematical Optimization | 413 | 2p+2c | C+Ex | 5 |
| N413017 | Financial Mathematics | 413 | 2p+1c | MC | 3 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|----------|---|------------|-------------|------|------|
| N413031 | Mathematics III | 413 | 2p+2c | C+Ex | 5 |
| N413033 | Mathematics for Quantum Chemistry | 413 | 2p+2c | C+Ex | 5 |
| N437001 | Basic Logistics | 837 | 2p+2c | C+Ex | 5 |
| N437003 | Management of Enterprise Processes | 837 | 2p+1c | C+Ex | 4 |
| N437006 | Financial Accounting | 837 | 2p+2c | C+Ex | 5 |
| N437038 | Career and Development SelfManagement | 837 | 2p | C | 2 |
| N437059 | Negotiation and conflict communication | 837 | 1p+2c | MC | 3 |
| N444005 | Fundamentals of Machinery | 444 | 2p+1c | C+Ex | 4 |
| N444007 | Fundamentals of Electronics | 444 | 2p+2c | C+Ex | 5 |
| N444020 | Measuring and Control Engineering: Laboratory | 444 | 3l | MC | 3 |
| N445002 | Algorithms and Programming | 445 | 2c | MC | 2 |
| N445004 | Mathematical Methods in Engineering | 445 | 2p+2c | C+Ex | 5 |
| N445006 | Computer Graphics | 445 | 1p+3c | C+Ex | 5 |
| N445007 | Object Oriented Programming | 445 | 2p+3c | C+Ex | 5 |
| N445022A | Image Processing I | 445 | 2p+2c | C+Ex | 5 |
| N445044 | Graphs in Engineering | 445 | 2p+1c | MC | 3 |
| N445052 | Database Systems Design | 445 | 1p+3c | C+Ex | 5 |
| N445054 | Computer Data Acquisition | 445 | 2p+2c | C+Ex | 5 |
| N445070 | Geographical Information Systems | 445 | 2p+1c | MC | 3 |
| N832005 | Macroeconomics | 832 | 2p | Ex | 3 |
| N832009 | Modern Czech History | 832 | 2p | C | 2 |
| N832010 | Selected Topics in Philosophy and the Philosophy of Science | 832 | 2p | C | 2 |
| N832011 | Human Resource Management | 832 | 2p+1c | C+Ex | 4 |
| N832013 | Fundamentals of Law | 832 | 2p | Ex | 3 |
| N832014 | History of Chemistry | 832 | 2p | MC | 3 |
| N832015 | Fundamentals of Financial Management | 832 | 2p | C | 2 |
| N832043A | Soft Skills I | 832 | 2p | C | 2 |
| N832049 | Presentation skills | 832 | 1p+1c | C+Ex | 4 |
| N834006 | Czech Language II | 834 | 2c | C | 1 |
| N834019 | English - pre-intermediate II | 834 | 2c | C | 1 |
| N834021 | English - intermediate II | 834 | 2c | C | 1 |
| N834023 | German - beginners II | 834 | 2c | C | 1 |
| N834025 | German - pre-intermediate II | 834 | 2c | C | 1 |
| N834027 | German - intermediate II | 834 | 2c | C | 1 |
| N834029 | French - beginners II | 834 | 2c | C | 1 |
| N834031 | French - pre-intermediate II | 834 | 2c | C | 1 |

| Code | Subject | Department | Study Hours | Exam | Cred |
|---------|---------------------------------|------------|-------------|------|------|
| N834033 | French - intermediate II | 834 | 2c | C | 1 |
| N834035 | Russian - beginners II | 834 | 2c | C | 1 |
| N834037 | Russian - pre-intermediate II | 834 | 2c | C | 1 |
| N834039 | Business English II | 834 | 2c | C | 1 |
| N834045 | English - advanced II | 834 | 2c | C | 1 |
| N834053 | Russian - intermediate II | 834 | 2c | C | 1 |
| N834056 | Spanish - beginners II | 834 | 2c | C | 1 |
| N834057 | Spanish - pre-intermediate II | 834 | 2c | C | 1 |
| N834059 | Spanish - intermediate II | 834 | 2c | C | 1 |
| N834068 | Italian language - beginners II | 834 | 2c | C | 1 |