**DAUGAVPILS UNIVERSITY**

*This Diploma Supplement follows the model developed by the European Commission, Council of Europe and the United Nations Educational, Scientific and Cultural Organization (UNESCO/CEPES). The purpose of the supplement is to provide sufficient independent data and ensure academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, the reason should be explained.*

**DIPLOMA SUPPLEMENT (Diploma series BD E No. <0000>)**

1. 1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION:
   1. Family name: <***XXX>***
   2. Given name: <***XXX>***
   3. Date of birth (day/month/year*):* ***<00.00.0000.>***
   4. Student identification number or personal identification number: <***000000-00000>***
2. INFORMATION IDENTIFYING THE QUALIFICATION:
   1. Name of qualification (in original language):

Dabaszinātņu bakalaura grāds ķīmijā ar specializāciju atjaunojamo resursu ķīmija (Bachelor of Natural Sciences in Chemistry with specialization in chemistry of renewable resources)

* 1. Main field(s) of study for the qualification:

Physical sciences

* 1. Name (in original language) and status of awarding institution:

Daugavpils Universitāte, akreditēta 29.01.2004., valsts dibināta universitāte (Daugavpils University, accredited 29.01.2004., state-founded university)

* 1. Name (in original language) and status of institution administering studies in Latvian: ***the same as in item 2.3.***
  2. Language(s) of instruction/examination: ***Latvian***

1. INFORMATION ON THE LEVEL OF THE QUALIFICATION:
   1. Level of qualification: ***Level 6 of the Latvian Qualifications Framework (henceforth — LQF) and European Qualifications Framework (henceforth — EQF)***
   2. Official length of programme, start and end date of the acquisition of the programme:

3 years of full-time studies, 120 Latvian credit points, 180 ECTS credits, <00.00.0000. - 00.00.0000.>

* 1. Admission requirements:

Secondary education

1. INFORMATION ON THE CONTENTS AND RESULTS GAINED:
   1. Mode of study: ***Full-time***
   2. Programme requirements (programme aims and intended results of studies):

***Purpose of the study programme is providing the DU matriculated students with the acquisition of quality theoretical knowledge and research skills and abilities in the field of chemistry, theoretical and practical training corresponding to the needs of the state, which gives the opportunity to successfully engage in solving the problems of the national economy, to compete in the Latvian and foreign markets, as well as to continue professional and academic education.***

Planned study results:

***Knowledge:***

***1. Students demonstrate in-depth theoretical and practical knowledge in the field of chemistry and a selected sub-field;***

***2. Students understand the most important knowledge of chemistry about the reactions of substances and their effects on chemical systems;***

***3. Students are familiar with the basic principles of scientific research in the field of chemistry and a selected sub-field.***

***Skills:***

***4. Able to independently select, critically evaluate and analyse the obtained information;***

***5. Able to independently conduct scientific research in the field of chemistry and a selected sub-sector;***

***6. Able to present and publicly defend the results of their research.***

***Competencies:***

***7. Able to take initiative and responsibility, working individually or in a team;***

***8. Able to integrate the knowledge of fields related to chemistry in the process of self-development and self-improvement in the perspective of the future professional career;***

***9. Able to strengthen general human attitudes and at the same time clarify attitudes related to chemical science (and its sub-branches), creating awareness and understanding of the most important chemical processes.***

* 1. Programme details and the individual grades/marks/credits obtained:

|  |  |  |  |
| --- | --- | --- | --- |
| ***COMPULSORY COURSES*** | | | |
| ***Course title*** | ***Credit points*** | ***ECTS credits*** | ***Grade*** |
| ***Analytical Chemistry I*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Analytical Chemistry II*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Analytical Chemistry III*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***English Language for Chemists*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Biochemistry*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Civil Protection*** | ***1*** | ***1.5*** | ***10 (with distinction)*** |
| ***Environmental Protection*** | ***1*** | ***1.5*** | ***10 (with distinction)*** |
| ***Occupational Health and Safety*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Application of Computers in Chemistry*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Physical and Colloidal Chemistry I*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Physical and Colloidal Chemistry II*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Mathematical data processing and statistics in chemistry*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Mathematical Methods in Natural Sciences*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Inorganic Chemistry I*** | ***6*** | ***9*** | ***10 (with distinction)*** |
| ***Inorganic Chemistry II*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Organic Chemistry I*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Organic Chemistry II*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Internship in an industry laboratory I*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Internship in an industry laboratory II*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Research Methodology in Chemistry*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Study paper in Chemistry*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Environmental science*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***General Physics*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***General Chemistry*** | ***6*** | ***9*** | ***10 (with distinction)*** |
| ***Chemical Physics*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***RESTRICTED ELECTIVE COURSES*** | | | |
| ***Course title*** | ***Credit points*** | ***ECTS credits*** | ***Grade*** |
| ***Renewable energy resources*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Chemistry of renewable resources*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Waste management*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Biomass management*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Ecotoxicology*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Food Chemistry*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Environmental Chemistry*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Substance Synthesis Strategy*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***General Ecology*** | ***4*** | ***6*** | ***10 (with distinction)*** |
| ***Fundamentals of Geochemistry*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Basics of the Chemical Technology*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***Water Resources Management*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***ELECTIVE COURSES*** | | | |
| ***Course title*** | ***Credit points*** | ***ECTS credits*** | ***Grade*** |
| ***<*** ***Name of the free choice study course>*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***<*** ***Name of the free choice study course>*** | ***2*** | ***3*** | ***10 (with distinction)*** |
| ***FINAL EXAMINATIONS*** | | | |
| ***Bachelor’s thesis*** | ***12*** | ***18*** | ***10 (with distinction)*** |
| *Theme title: <XXX>* | | | |

* 1. Grading scheme and, if available, grade distribution guidance:

|  |  |
| --- | --- |
| ***Grade (meaning)*** | ***Frequency of the grade among the graduates of the programme in question*** |
| ***10 (with distinction)*** | ***25%*** |
| ***9 (excellent)*** | ***33%*** |
| ***8 (very good)*** | ***24%*** |
| ***7 (good)*** | ***13%*** |
| ***6 (almost good)*** | ***3%*** |
| ***5 (satisfactory)*** | ***1%*** |
| ***4 (almostsatisfactory)*** | ***1%*** |
| ***3-1 (unsatisfactory)*** | ***0%*** |

***The holder of the qualification weighted average grade: <0>***

* 1. Overall classification of the qualification (in original language): ***"Standarta"***

*Classification "Standarta" awarding criteria see item 6.1.*

1. INFORMATION ON THE QUALIFICATION:
   1. Access to further studies:

Access to Master’s and professional study programmes intended for post-bachelor studies

* 1. Professional status:

It is not foreseen to award a professional status

1. ADDITIONAL INFORMATION AND SOURCES:
   1. Additional information:

***This diploma supplement is valid with the diploma series BD E No. <0000>.***

*Daugavpils University bachelor's degree programme "Chemistry" is accredited.*

***Appendix for item 4.4.***

*weighted average grade of the holder of the qualification is calculated as: av=sum(a\*f)/sum(f), where:*

*av - weighted average grade, a - grade in each course of A and В part of the programme, f - course workload in credit points.*

***Appendix for item 4.5.***

*Classification "Standarta" awarding criteria: The programme requirements are fulfilled.*

* 1. Further information sources:

***Daugavpils University,***

***Vienības street 13, Daugavpils, Latvia, LV-5401, telephone: +371-65422180, fax:***

***+371-65422890, e-mail: du@du.lv***

***Academic Information Centre (ENIC/NARIC in Latvia),***

Vainu street 2, Riga, Latvia, LV-1050, phone +371-67225155, fax +371-67221006, e-mail: aic@aic.lv

1. CERTIFICATION OF THE SUPPLEMENT:

7.1. Date: <***00/00/0000>***

* 1. ***<N. Surname>***
  2. Position(s) of the person(s), certifying the Supplement: ***Rekto***
  3. Official stamp or seal:

1. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM:

*See the next page*

*Augstākās izglītības sistēmas valstī apraksts (angļu valodā) atbilstoši Ministru Kabineta 2013. gada 16.aprīļa noteikumu Nr. 202 “Kārtība, kādā izsniedz valsts atzītus augstāko izglītības apliecinošus dokumentus” 7. pielikumam.*