

Institute of Applied Linguistics

ENGLISH SECTION 1 (FCE, FAUP)
FACULTY OF CIVIL ENGINEERING
FACULTY OF ARCHITECTURE AND URBAN PLANNING

23rd April, 3 p.m., 16, Azenes St., Room 440

Scientific advisor: Mg. philol., lecturer D.Rūpniece

Chairperson: K.Dreiblathena, 1st year Bachelor degree student, FCE

Jury: Mg. philol., lecturer D.Rūpniece

Mg. sc.educ., lecturer A.Roskoša

Mg. philol., lecturer O.Salfetņikova

1.Kate DREIBLATHENA, 1st year Bachelor degree student, FCE

"Life Coaching"

Supervisor: Mg. philol., lecturer D.Rūpniece.

2. Inna KLASA, 1st year Bachelor degree student, FCE

"Application of Building Materials in Bridge Construction"

Supervisor Mg. paed., lecturer I.Ivaškins.

3. Artūrs Toms PLEŠS, 1st year Bachelor degree student, FCE

"Usage of Glass in Bridge Construction"

Supervisor Mg. philol., lecturer D.Rūpniece.

4. Valters KALNAČS, 1st year Bachelor degree student, FCE

"Modern Tendency in Bridge Engineering"

Supervisor Mg. paed., lecturer I.Ivaškins.

5. Vladimirs KRUPEIŅIKOVŠ, 1st year Bachelor degree student, FCE

"Unusual Technology in Road Construction"

Supervisor Mg. paed., lecturer I.Ivaškins.

6. Rihards BALTSKARS, 1st year Bachelor degree student, FCE

"Asphalt Recycling"

Supervisor Mg. paed., lecturer I.Ivaškins.

7. Toms POLOVINKINS, 1st year Bachelor degree student, FCE

"Driving Distractions"

Supervisor Mg. philol., lecturer D.Rūpniece.

8. Lauris LAZDIŅŠ, 1st year Bachelor degree student, FCE

"Alternative Heating Systems"

Supervisor Mg. philol., lecturer D.Rūpniece.

9. Krista KAPŪNA, Reinis KALNIETIS, 1st year Bachelor degree students, FCE

"Biogas"

Supervisor Mg. philol., lecturer D.Rūpniece.

10. Alīna KIŠKURNO, Valērija KOVEŠNIKOVA, 1st year Bachelor degree students, FCE

"Perspectives of Sustainable Construction in Latvia"

Supervisor Mg. philol., lecturer D.Rūpniece.

11. Marks LOMONOSOVŠ, 1st year Bachelor degrees student, FCE

"Burj Al Arab - Tower of the Arabs"

Supervisor Mg. philol., lecturer D.Rūpniece.

12. Monta ZĪLE, Sabīne AUZIŅA, 1st year Bachelor degree students, FCE

"Application of Geomatics in Civil Engineering"

Supervisor Mg. paed., lecturer I.Ivaškins.

13. Alisa MAZURE, 1st year Bachelor degree student, FAUP
"The Influence of Architecture and City Planning on the Growth of Urban Drift"
Supervisor Mg. philol., lecturer I.Kočote.

14. Kristīne MENDE, 1st year Bachelor degree student, FAUP
"The Role of Colour in Architecture"
Supervisor Mg. philol., lecturer I.Kočote.

ENGLISH SECTION 2 (FCSIT)
FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

23rd April, 3 p.m., 1/4, Meža St., Room 149

Scientific advisor: Mg. paed., lecturer A.Perevoznikova
Chairperson: Roberts Bergmanis, 1st year Bachelor degree student, FCSIT
Jury: Mg. paed., lecturer A.Perevoznikova
Mg. philol., lecturer M.Osis
Master degree student Haralds Gribust

1. Karina KONOREVA, Laura JUNGA, 1st year Bachelor degree students, FCSIT
"Contemporary Innovations in ICT"
Supervisor Mg. philol., lecturer Z.Dombrovska.

2. Artjoms SUPONENKOVŠ, 1st year Bachelor degree student, FCSIT
"Digital Art, Computer Art"
Supervisor Mg. philol., lecturer A.Žučenko.

3. Rihards SEDANS, 1st year Bachelor degree student, FCSIT
"PC as a guitar amplifier"
Supervisor Mg. paed., lecturer A.Perevoznikova.

4. Armands BĒRZIŅŠ, 1st year Bachelor degree student, FCSIT
"Image Processing"
Supervisor Mg. philol., lecturer Z.Dombrovska.

5. Roberts BERGMANIS, 1st year Bachelor degree student, FCSIT
"Cloud Enabled Storage and Computation"
Supervisor Mg. paed., lecturer A.Perevoznikova.

6. Vladislavs ALEKSANDROVIČS, 1st year Bachelor degree students, FCSIT
"My Experience and Ideas on Web Sites Development"
Supervisor Mg. paed., lecturer A.Mēbele.

7. Reinis ZNOTIŅŠ, Arturs ONIŠČENKO, 1st year Bachelor degree students, FCSIT
"Data Encryption for Home Computer Systems"
Supervisor Mg. paed., lecturer A.Perevoznikova.

8. Vladislavs VARSLAVĀNS, 1st year Bachelor degree student, FCSIT
"New Tendencies in the Hard Disk Drive Development"
Supervisor Mg. philol., lecturer Z.Dombrovska.

9. Kristaps VEDRICKIS, 1st year Bachelor degree students, FCSIT
"ABM and Intel Microprocessors. Comparative Analysis"
Supervisor Mg. paed., lecturer A.Perevoznikova.

10. Andrejs ĻUBIMOVŠ, 1st year Bachelor degree student, FCSIT
"New Technologies in Medicine"
Supervisor Mg. philol., lecturer Z.Dombrovska.

11. Aleksejs ULJANOVS, Raimonds ŠĶIBUSTS, 1st year Bachelor degree students, FCSIT
"AI Implementation in Space Exploring"
Supervisor Mg. philol., lecturer Z.Dombrovska.

12. Sanita ĀRMANE, Anastasija BOLKOVSKA, 1st year Bachelor degree students, FCSIT
"3D Printing Breaks Out of Its Mold. Critical Analysis"
Supervisor Mg. philol., lecturer Z.Dombrovska.

13. Nikita ROZENBERGS-TRAUTMANS, Sergejs ISČENKO, 1st year Bachelor degree students, FCSIT
"Application of Wandorff's Algorithm in the Knight's Tour Game on the 2-d and 3-d Dimensional Game Field"(on the basis of the scientific research work)
Supervisor Mg. paed., lecturer A.Mēbele.

14. Marija BAŅINA, 1st year Bachelor degree students, FCSIT
"Smart House"
Supervisor Mg. philol., lecturer Z.Dombrovska.

ENGLISH SECTION 3 (FET)
FACULTY OF ELECTRONICS AND TELECOMMUNICATIONS

23rd April, 3 p.m., 12, Azenes St., Room 1A

Scientific advisor: Mg. philol., lecturer L.Derkača
Chairperson: V.Novaks, 1st year Bachelor degree student, FET
Jury: Mg. philol., lecturer L.Derkača
Mg. philol., lecturer J.Kučerova
Mg. paed., lecturer I.Ivaškins

1. Vadims NOVAKS, 1st year Bachelor degree student, FET
"WiFi vs 3G - Comparison of Wireless Internet"
Supervisor Mg. philol., lecturer L.Derkača.

2. Anete OSTROVSKA, 1st year Bachelor degree student, FET
"Earth Cam"
Supervisor Mg. philol., J.Kučerova.

3. Gatis SMILTS, 1st year Bachelor degree student, FET
"Pros and Cons of Wireless Telecommunications"
Supervisor Mg. paed., lecturer I.Ivaškins.

4. Marina ALEKSEJEVA, 1st year Bachelor degree student, FET
"Development of Latvian Telecommunications Companies in European Context"
Supervisor Mg. paed., lecturer I.Ivaškins.

5. Alína STAFECKA, 1st year Bachelor degree student, FET
"Wireless Systems"
Supervisor Mg. philol., J.Kučerova.

6. Arnold BARANOVSKIS, 1st year Bachelor degree student,
"Evolution of Mobile Phones"
Supervisor Mg. philol., J.Kučerova.

7. Aleksejs LOPAJEVS, 1st year Bachelor degree student, FET
"Up-To-Date Semiconductors in Mobile Telephony"
Supervisor Mg. paed., lecturer I.Ivaškins.

8. Valts DILENDORFS, 1st year Bachelor degree student, FET
"Digital and Analogue Integrated Circuits in Telecommunications Systems"
Supervisor Mg. paed., lecturer I.Ivaškins.

9. Linards JUKMANIS, 1st year Bachelor degree student, FET
"Unconventional Weapons"
Supervisor Mg. philol., lecturer O.Salfetņikova

10. Anita ZAGORSKA, 2nd year Bachelor degree student, FMSAC
"Air Pollution in Riga"

Supervisor Mg. philol., lecturer D.Rūpniece.

11. Lauma BUGOVECKA, 2nd year Bachelor degree student, FMSAC
"Synthetic Vascular Prosthesis"

Supervisor Mg. philol., lecturer D.Rūpniece

12. Andrejs KRAUKLIS, 2nd year Bachelor degree student, FMSAC
"Chemistry and Robots"

Supervisor Mg. philol., lecturer D.Rūpniece.

ENGLISH SECTION 4 (FEEM)
FACULTY OF ENGINEERING ECONOMICS AND MANAGEMENT

April 23rd, 3 p.m., 1/7, Meza St., Room 511

Scientific advisor: Dr. philol., assist. prof. I.Ļiokumoviča

Chairperson: Signija Stepanova, 1st year Bachelor degree student, FEEM

Jury: Dr. philol., assist. prof. I.Ļiokumoviča

Mg. philol., assist. prof. T.Smirnova

Mg. philol., lecturer Z.Seņko

1. Signija STEPANOVA, 1st year Bachelor degree student, FEEM
"Some Aspects of Management"

Supervisor Dr. philol., assist. prof. I.Ļiokumoviča.

2. Lauris ZARANS, 1st year Bachelor degree student, FEEM
"Professional Sport: Economic Dimension"

Supervisor Dr. philol., assist. prof. I.Ļiokumoviča.

3. Mārtiņš PĀRPUCIS, 1st year Bachelor degree student, FEEM
"Towards Successful Management"

Supervisor Dr. philol., assist. prof. I.Ļiokumoviča.

4. Mārtiņš PUTENIS, Reinholds VELIČAKS, 1st year Bachelor degree student, FEEM
"On the Problem of Consumption"

Supervisor Dr. philol., assist. prof. I.Ļiokumoviča.

5. Lāsma AVOTIŅA, Lelde KATLĀPE, 1st year Bachelor degree student, FCSIT
"Countries with the Highest and Lowest Taxes"

Supervisor Mg. philol., lecturer M.Osis.

6. Matīss DEGRO, Ričards TREILANDS, 1st year Bachelor degree student, FCSIT
"Negative Equity"

Supervisor Mg. philol., lecturer M.Osis.

7. Margarita DERVINE, 1st year Bachelor degree student, FCSIT
"Kondratiev wave"

Supervisor Mg. paed., lecturer A.Mēbele

8. Kristaps VEIDMANIS, 2nd year Bachelor degree student, FCSIT
"The First Shares"

Supervisor Mg. philol., lecturer A.Žučenko

9. Kaspars SALENIEKS, 2nd year Bachelor degree student, FCSIT

"The Direct Effect of the Planned Reforms in the Latvia's Higher Education System on the National Economy"
Supervisor Mg. philol., lecturer A.Žučenko

ENGLISH SECTION 5 (FPEE)
FACULTY OF POWER AND ELECTRICAL ENGINEERING

April 23rd, 3 p.m., 1, Kronvalda Blvd., Room 21

Scientific advisor: Dr. paed., assoc. prof. D.Rumpīte

Chairperson: U.Šņigirovs, 1st year Bachelor degree student, FPEE

Jury: Mg. philol., lecturer Z.Dombrovska

Dr. sc. ing., assoc. prof. A.Dolģicers

MSc., PhD candidate E.Dāce

Assistant I.Karitone

1. Matīss STUNDA, 1st year Bachelor degree student, FPEE

“The Use of Power Semiconductors in Energy Distribution”

Supervisor Mg. paed., lecturer I.Ivaškins

2. Edžus KAŠS, 1st year Bachelor Degree student, FPEE

“Key Factors of Efficient Application of Alternative Energy Sources in Energy Supply”

Supervisor Mg. paed., lecturer I.Ivaškins

3. Jānis VINKLERS, 1st year Master degree student, FPEE

“The Impact of a Wider Introduction of Power Plants Using Renewable Energy Sources on Power Grid Operation”

Supervisor Dr. sc. ing., assoc. prof. A.Dolģicers, Institute of Power Engineering, FPEE

4. Andrejs CEHANOVIČS, 1st year Bachelor degree student, FPEE

“Application of Floating Wind Power Plants”

Supervisor Dr. sc. ing., prof. J.Rozenkrons, Institute of Power Engineering, FPEE

Language consultant Dr. paed., assoc. prof. D.Rumpīte

5. Jānis KĻAVIŅS, 1st year Bachelor degree student, FPEE

“Cogeneration Plants as a Source of Energy Supply in Small Towns in Europe and Latvia”

Supervisor Dr. sc. ing., prof. J.Rozenkrons, Institute of Power Engineering, FPEE

Language consultant Dr. paed., assoc. prof. D.Rumpīte

6. Jana DOVIBOROVA, 1st year Master degree student, FPEE

“The Impact of Cogeneration Plants on the Distribution Network”

Supervisor Dr. sc. ing., assoc. prof. A.Dolģicers, Institute of Power Engineering, FPEE

Language consultant Dr. paed., assoc. prof. D.Rumpīte

7. Uģis ŠŅIGIROVS, 1st year Bachelor degree student, FPEE

“Hydrogen Fuel Cells as an Efficient Energy Source”

Supervisor Dr. sc. ing., prof. J.Rozenkrons, Institute of Power Engineering, FPEE

Language consultant Dr. paed., assoc. prof. D. Rumpīte

8. Didzis BERENIS, 1st year Bachelor degree student, FPEE

“Future Space Travel Concepts”

Supervisor Dr. habil. sc. ing., prof. I.Raņķis, Institute of Electronics and Electrical Engineering, FPEE

Language consultant Dr. paed., assoc. prof. D.Rumpīte

9. Karina SUHAREVSKA, 1st year Bachelor degree student, FPEE

“Problem Areas in Power Engineering”

Supervisor Dr. sc. ing., prof. J.Rozenkrons, Institute of Power Engineering, FPEE

Language consultant Dr. paed., assoc. prof. D.Rumpīte

10. Līga LINUŽA, Lāsma GAILE, 1st year Bachelor degree students, FPEE

“Second Life of Cornflake Packaging” (the study done within international ERASMUS project “Partnership for Education and Research about Responsible Living”)

Supervisor MSc., PhD candidate, lecturer and researcher E.Dāce, Institute of the Energy Systems and Environment, FPEE

Language consultant Dr. paed., assoc. prof. D.Rumpīte

11. Renārs PURMALIS, 1st year Bachelor degree student, FPEE
“Sustainability Analysis of Ecolean Packaging” (the study done within international ERASMUS project
“Partnership for Education and Research about Responsible Living”)
Supervisor MSc., PhD candidate, lecturer and researcher E.Dāce, Institute of the Energy Systems and
Environment, FPEE
Language consultant Dr. paed., assoc. prof. D.Rumpīte
12. Aleksandra ANDRIŠONOKA, 1st year Bachelor degree student, FPEE
“Business Meets Environment”
Supervisor MSc., PhD candidate, lecturer and researcher E.Dāce, Institute of the Energy Systems and
Environment, FPEE
Language consultant Dr. paed., assoc. prof. D. Rumpīte
13. Maksis CELITĀNS, 1st year Bachelor degree student, FPEE
“New Approaches in the Field of Computer Control of Electrical Technologies”
Supervisor Dr. sc. ing., prof. I. Raņķis, Institute of Electronics and Electrical Engineering, FPEE
Language consultant Dr. paed., assoc. prof. D.Rumpīte
14. Rūdolfs SKOSTA, 1st year Bachelor degree student, FPEE
“Water as an Alternative Energy Source”
Supervisor Mg. paed., BSc., lecturer I.Ivaškins
15. Toms MATUSEVIČS, 1st year Bachelor degree student, FPEE
“Development of Lightning Equipment”
Supervisor Mg. paed., lecturer I.Ivaškins.
16. Kristaps KESELIS, 1st year Bachelor degree student, FPEE
“Future Perspectives for Alternative Energy”
Supervisor Mg. philol., lecturer Z.Dombrovska
17. Ilze POĻIKARPOVA, Anna ZAKE, 1st year Bachelor degree student, FPEE
“The Thickness of the Ozone Layer over the Territory of Latvia”.
Supervisor Mg. philol., lecturer I.Kočote
18. Sabine PETKUS, 1st year Bachelor degree student, FPEE
“Renewable Energy of Samsø Island”
Supervisor Mg. philol., lecturer Z.Dombrovska

ENGLISH SECTION 6 (FTME 1)
FACULTY OF TRANSPORT AND MECHANICAL ENGINEERING

23rd April, 3 p.m., 16, Azenes St., Room 137

Scientific advisor: Mg. philol., lecturer O.Samuilova
Chairperson: A.Rubins, 1st year Master degree student, FTME
Jury: Mg. philol., lecturer O.Samuilova
Mg. philol., lecturer L.Ņikuļina

1. Matīš LĀCIS, 1st year Bachelor degree student, FTME
“Magnetic resonance”
Supervisor Mg. philol., lecturer L.Derkača.
2. Katrīna DIMITRE, 1st year Bachelor degree student, FTME
“Bio Prostheses”
Supervisor Mg. philol., lecturer L.Derkača.
3. Anita KUDZIŅA, 1st year Bachelor degree student, FTME
“Organ Care Systems”
Supervisor Mg. philol., lecturer L.Derkača.

4. Mārcis RANCĀNS, 1st year Bachelor degree student, FTME
"Heart problems and Surgery"
Supervisor Mg. philol., lecturer L.Derkača.
5. Toms KUSIŅŠ, 1st year Bachelor degree student, FTME
"Eye surgery"
Supervisor Mg. philol., lecturer L.Derkača.
6. Anna KORVENA-KORSAKOVA, 1st year Bachelor degree student, FTME
"Medical Equipment in hospitals"
Supervisor Mg. philol., lecturer L.Derkača.
7. Dāvis ARĀJS, 2d year Bachelor degree student, FTME
"Audi Quattro"
Supervisor Mg. philol., lecturer J.Vasiļjeva.
8. Jānis BRAUERS, Guntis DRAZNIĒKS, 1st year Bachelor degree students, FTME
"Audio A6 Body Structure"
Supervisor Mg. philol., lecturer J.Vasiļjeva.
9. Viktors FREIMANIS, Kirils PAĻĒJS, 1st year Bachelor degree student, FTME
"Fuel System Evolution"
Supervisor Mg. philol., lecturer J.Vasiļjeva.
10. Una ALEKSEJEVA, 1st year Bachelor degree student, FTME
"The Fastest Automobile"
Supervisor Mg. philol., lecturer J.Vasiļjeva.
11. Arnis RUBINS, 1st year master's programme student, FTME
"The Cost Comparison Between an Electric Vehicle and an Equivalent Vehicle With Internal Combustion Engine"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.

ENGLISH SECTION 7 (FTME 2)
FACULTY OF TRANSPORT AND MECHANICAL ENGINEERING

23rd April, 3 p.m., 1B, Lomonosova St., Room 220

Scientific advisor: M.Soc.Sc., lecturer J.Kuzņecova
Chairperson: V.Kirilovs, 1st year Bachelor degree student, FTME
Jury: M.Soc.Sc., lecturer J.Kuzņecova
Mg.philol., lecturer J.Vasiļjeva

1. Jaroslavs NEVIDOMSKIS, Aleksejs BEZMENNĪKOVŠ, 1st year Bachelor degree students, FTME
"From Pilots into Kamikaze - the History of Japanese Air Force at World War 2"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
2. Arsenijs TEMJAŠOVŠ, 1st year Bachelor degree student, FTME
"Messerchmidt Me 262"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
3. Vadims KIRILLOVS, Staņislavs KIRILLOVS, 1st year Bachelor degree students, FTME
"Aerial Navigation Methods and Equipment"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
4. Gļebs LINEVS, Vadims ĻESKOVS, 1st year Bachelor degree students, FTME
"Nature and Significance of Freight Forwarding Services: the DHL Example"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
5. Arthur BROKANS, Alina ERTMANE, 1st year Bachelor degree students, FTME
"Gyroscopes"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.

6. Kristaps MARTINSONS, Toms JUREVICS, 1st year Bachelor degree students, FTME
"Ecological Solutions For Logistics"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
7. Sandra SIDENKO, Ansis SEIMUŠKINS, 1st year Bachelor degree students, FTME
"Applying the Theory of Inventive Problem Solving: Drying Machine Example"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
8. Deniss CELINSKIS, Janušs BILEVIČS, 1st year Bachelor degree students, FTME
"UDB Sukhoy"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
9. Artjoms ZENEVIČS, 1st year Bachelor degree student, FTME
"Flying Car - Truth or Myth"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
10. Tatjana LARINOVA, Ilona PAVRA, 1st year Bachelor degree students, FTME
"Airports in Latvia"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
11. Deniss JUDINS, Sergejs MIHEJEVS, Oļegs GORDOVŠ, 1st year Bachelor degree students, FTME
"Hydrogen as a Fuel in Power Engineering"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.
12. Alberts MIKELSONS, 1st year Bachelor degree student, FTME
"Requested Design Quality in Contemporary Consumer Society"
Supervisor M.Soc.Sc., lecturer J.Kuzņecova.

ENGLISH SECTION 7 (FMSAC)
FACULTY OF MATERIALS SCIENCE AND APPLIED CHEMISTRY
INSTITUTE OF TECHNOLOGY AND DESIGN OF TEXTILE MATERIALS

23rd April, 3 p.m., 16, Azenes St., Room 310

Scientific advisor: Mg. paed., lecturer A.Mēbele

WORKSHOP:
MODERN AND FOLK TRENDS IN FASHION AND INTERIOR DESIGN

1. TEAMWORK: Anastasija KORJAGINA, Naemi NAGINA, Darja GOLUBEVA, 1st year Bachelor degree students, FMSAC
"New Trends in Textiles"
Supervisor Mg. philol., lecturer Z.Dombrovska.
2. TEAMWORK: Oskars APŠA, Artis BERNHARDS, Janis KARČEVSKIS, 1st year Bachelor degree students, FMSAC
"Corporate Housing-Serviced Apartment (in 3D visualization)"
Supervisor Mg. paed., lecturer A.Mēbele.
3. TEAMWORK: Madara KOSOLAPOVA, Ieva LAPIŅA, Anete MUGUREVIČA, 1st year Bachelor degree students, FMSAC
"Proper Wood Usage in Different Interior Styles"
Supervisor Mg. paed., lecturer A.Mēbele.
4. Laura POBUSA, 1st year Bachelor degree student, FMSAC
"Textile Recycling"
Supervisor Mg. paed., lecturer A.Mēbele.

5. Tina ZOMMERE, 1st year student, FMSAC

"Textile of Joseph Frank"

Supervisor Mg. philol., lecturer L.Derkača

6. Edgars VISOCKIS, Toms BIRZNIEKS, 1st year Bachelor degree student, FMSAC

"Furniture in Gothic Style"

Supervisor Mg. paed., lecturer A.Mēbele.

7. Katrīna BERNANDE, Signe IRBE, 1st year Bachelor degree students, FMSAC

"The Impact of Body Image on Consumer's of Idealized Advertising Images and Brand Attitudes"

Supervisor Mg. paed., lecturer A.Mēbele.

8. Ksenija ILKINA, 1st year Bachelor degree student, FMSAC

"Spring, Summer 2012 Fashion Trends"

Supervisor Mg. philol., lecturer Z.Dombrovska.