LEARNING AGREEMENT COURSE SELECTION

FACULTY OF BIOLOGY

- 1. Botany – 6 ECTS
- 2. Freshwater biology – 6 ECTS
- 3. Biochemistry – 6 ECTS
- 4. Genetics – 6 ECTS
- 5. Ecology – 6 ECTS
- 6. Animal physiology – 6 ECTS
- 7. Molecular technics in biology I – 6 ECTS
- 8. Toxicology – 6 ECTS
- 9. Biological invasions – 6 ECTS
- 10. Inventory methods for ungulates – 6 ECTS
- 11. Water protection – 6 ECTS
- 12. Forensic biology – 6 ECTS
- 13. An introduction to bird ringing - – 3 ECTS
- 14. Animal bioacoustics in theory and practice – lecture & field course – 3 ECTS
- 15. Avian Biology – lecture – 2 ECTS
- 16. Biology of peatlands – lecture – 2 ECTS
- 17. Ecological genetics – lecture & laboratory – 2 ECTS
- 18. Environmental biochemistry – lab 2 ECTS
- 19. Evolutionary Ecology – lecture 2 ECTS
- 20. Harmful algae – lecture – 2 ECTS
- 21. Introduction to Molecular Biophysics – lecture & lab – 3 ECTS
- 22.Natural Environment of North East Poland – lecture – 2 ECTS
- 23. Physiological Ecology – lecture – 2 ECTS
- 24. Scientific Methodology and Experimental Design – laboratory – 2 ECTS
- 25. Selected data analysis techniques for biologists – laboratory – 2 ECTS
- 26. Soils and landscape – lecture & field course – 2 ECTS
- 27. Techniques in Plant Physiology – lab – 3 ECTS
- 28. Techniques of molecular biology – laboratory – 3 ECTS
- 29. Thermal biology – lecture – 2 ECTS
- 30. Urban ecology and wildlife – lecture – 3 ECTS

FACULTY OF CHEMISTRY

Bachelor Level

- 1. Inorganic chemistry – 6 ECTS
- 2. Theoretical chemistry – 3 ECTS
- 3. Basics of crystallography – 3 ECTS
- 4. Physical chemistry II – 7 ECTS
- 5. Organic chemistry II – 9 ECTS
- 6. Chemistry of materials – 3 ECTS
- 7. Microscopic methods in chemical analysis – 3 ECTS

Master Level

- 1. Instrumental methods for materials analysis – 2 ECTS
- 2. Molecular spectroscopy – 5 ECTS
- 3. Advanced organic chemistry – 4 ECTS
- 4. Bioanalysis – 2 ECTS
- 5. MSc seminar – 7 ECTS
- 6. MSc laboratory – 11 ECTS

FACULTY OF ECONOMICS AND FINANCES

- 1. Basic logistics – 4 ECTS
- 2. Business Law – 4 ECTS
- 3. Descriptive Statistics – 6 ECTS
- 4. Development economics – 4 ECTS
- 5. Economic geography - 5 ECTS
- 6. Economics of economic integration - 4 ECTS
- 7. Functioning of the EU - 4 ECTS
- 8. Fundamentals of Financial Mathematics – 5 ECTS
- 9. Innovation management – 3 ECTS
- 10. International trade and logistics – 6 ECTS
- 11. Introduction to Investing – 5 ECTS
- 12. Macroeconomics – 6 ECTS
- 13. Mathematics – 7 ECTS
- 14. Microeconomics – 6 ECTS
- 15. Public finance – 6 ECTS
- 16. Social and economic policy - 4 ECTS
- 17. Spatial planning – 6 ECTS
- 18. Tax System – 4 ECTS

INSTITUTE OF MANAGEMENT

- 1. Basic Management – 6 ECTS
- 2. Corporate Finance – 2 ECTS
- 3.Innovations Management – 2 ECTS
- 4. International Marketing – 6 ECTS
- 5. Strategic Management – 6 ECTS
- 6. Merchandising – 3 ECTS
- 7. The principles of trade and services – 4 ECTS
- 8. The management of trade enterprise – 4 ECTS

FACULTY OF HISTORY AND INTERNATIONAL RELATIONS

International Relations

- 1. Diplomacy Protocol – 4 ECTS
- 2. International cultural relations – 6 ECTS
- 3. Contemporary terrorism and other asymmetric threats - 4 ECTS
- 4. Threats to international security in the MENA – 6 ECTS
- 5. History of diplomacy – 10 ECTS
- 6. Renewable energy sources in MENA region (energy policy and energy security) – 4 ECTS
- 7. Information security in the 21st century – 6 ECTS

History – Bachelor Level

- 1. History of Byzantium – 6 ECTS
- 2. Globalization in History – 6 ECTS
- 3. The history of ancient Rome – 8 ECTS
- 4. The Anthropology of Landscape – 10 ECTS

History - Master Level

- 1. History of diplomacy – 10 ECTS
- 2. Contemporary Polish and World History – 10 ECTS
- 3. The Anthropology of Landscape – 10 ECTS

FACULTY OF PHYSICS

- 1. Computer Tools – 3 ECTS
- 2. Astronomy - 3 ECTS
- 3. Elements of Theoretical Mechanics – 9 ECTS
- 4. Thermodynamics – 10 ECTS
- 5. Algorithms and Data Structures – 5 ECTS
- 6. Individual Experimental Project – 5 ECTS

FACULTY OF LAW

- 1. Administrative Law – 6 ECTS
- 2. Constitutional Law – 6 ECTS
- 3. Financial Law – 6 ECTS
- 4. Public Banking Law – 4 ECTS
- 5. State Aid Law – 4 ECTS
- 6. The financing of public healthcare services – 4 ECTS
- 7. European Family Law – 6 ECTS
- 8. Introduction to the European Corporate Law – 6 ECTS
- 9. Introduction to the International Trade Law – 6 ECTS
- 10. International Organizations – 4 ECTS
- 11. EU Disability Law – 4 ECTS
- 12. Human Rights in the European Union – 6 ECTS
- 13. Human Rights and Means of Their Protection – 6 ECTS
- 14. Children Rights in Human Rights System – 6 ECTS
- 15. Constitutional Law of the European Union – 6 ECTS
- 16. EU Anti-Discrimination Law – 4 ECTS
- 17. Public International Law – 6 ECTS
- 18. Introduction to American Legal System – 6 ECTS
- 19. General Budget and Budget Law of the European Union – 4 ECTS
- 20. Criminal Law – 6 ECTS
- 21. Criminal Procedure – 6 ECTS
- 22. European Criminal Law – 4 ECTS
- 23. Criminology – 4 ECTS
- 24. Victimology – 4 ECTS
- 25. Theory and Practice of Restorative Justice – 4 ECTS
- 26. Police Law – 4 ECTS
- 27. Judiciary and Prosecution Law – 4 ECTS
- 28. Introduction to the Forensic Science – 4 ECTS
- 29. Legal and Criminological Aspects of Cybercrime – 4 ECTS
- 30. Sociology of crimes and social pathologies – 4 ECTS

- 31. Roman Law - 6 ECTS
- 32. Introduction to Political Science – 6 ECTS
- 33. History of Law in Poland and in Europe – 6 ECTS
- 34. Political Participation of Foreigners as an Instrument of Integration – 4 ECTS
- 35. Political Systems of the Central and Eastern European Countries – 4 ECTS
- 36. Direct Democracy in Europe – 4 ECTS
- 37. Private International Law – 6 ECTS
- 38. The cooperation of entrepreneurs – 4 ECTS
- 39. Selected Legal Aspects of Artificial Intelligence – 4 ECTS
- 40. Intellectual Property Law – 4 ECTS
- 41. Innovations in Budgeting and Financial Management – 6 ECTS
- 42. Legal English – 6 ECTS
- 43. Introduction to ADR – mediation, negotiation and arbitration procedures – 6 ECTS
- 44. International Insolvency and Arbitration – 4 ECTS
- 45. Commercial Law – 6 ECTS

FACULTY OF MATHEMATICS

Bachelor Level

- 1. Introduction of Graph Theory - 4 ECTS
- 2. Algebra I – 4 ECTS
- 3. Review of Application Software - 3 ECTS
- 4. Mathematical Analysis III - 3 ECTS
- 5. Topology – 4 ECTS
- 6. Elements of Cryptography and Coding Theory - 4 ECTS
- 7. Probability Calculus I - 4 ECTS
- 8. Affine and Projective Geometry - 4 ECTS

Master Level

- 1. Numerical Methods - 6 ECTS
- 2. Mathematical Statistics - 5 ECTS
- 3. Probability Theory - 5 ECTS
- 4. Partial Differential Equations - 5 ECTS

FACULTY OF EDUCATION

- 1. Work with Culturally Diversed Group – 2 ECTS
- 2. Non-governmental Organizations in a Civil Society – 2 ECTS
- 3. Social Pathologies - 4 ECTS
- 4. Systems Probation in European Countries – 4 ECTS
- 5. Harvard Negotiation Model – 2 ECTS
- 6. Intercultural Awareness – 2 ECTS
- 7. Literature for Children and Teenagers – 2 ECTS
- 8. Comparative Education in Europe – 4 ECTS
- 9. Media literacy and parental mediation – 3 ECTS
- 10. Practice in Socio-Therapeutic Day Care Centre – 6 ECTS

FACULTY OF PHILOLOGY

English Studies Bachelor Year 1

- 1. PEL Practical Grammar 1 – 6 ECTS
- 2. PEL Practical Phonetics 1 – 6 ECTS
- 3. PEL Academic Writing 1 – 6 ECTS
- 4. PEL Vocabulary 1 – 6 ECTS
- 5. PEL Integrated Skills 1 – 5 ECTS
- 6. Introduction to General Linguistics – 2 ECTS
- 7. Descriptive Grammar of the English Language – practical classes – 4 ECTS
- 8. Descriptive Grammar of the English Language – Phonetics and Phonology – 3 ECTS
- 9. Introduction to Literary Studies – 2 ECTS
- 10. Introduction to the Theories of Language Learning and Teaching – 1 ECTS
- 11. Styles and Strategies of Foreign Language Learning – 2 ECTS

English Studies Bachelor Year 2

- 1. PEL Practical Grammar 2 – 4 ECTS
- 2. PEL Practical Phonetics 2 – 4 ECTS
- 3. PEL Academic Writing 2 – 4 ECTS
- 4. PEL Integrated Skills – 4 ECTS
- 5. PEL Vocabulary 2 – 3 ECTS
- 6. Descriptive Grammar of the English Language – Morphology, Syntax, Semantics – 4 ECTS
- 7. History of the English Language I – 2 ECTS
- 8. History of the English Literature I – 5 ECTS
- 9. British Studies I – 4 ECTS
- 10. Culture and History of Great Britain - selected topics – 1 ECTS
- 11. Learning and Teaching Languages – 4 ECTS
- 12. Current trends in language education – 1 ECTS
- 13. Intercultural Education – 2 ECTS

English Studies Bachelor Year 3

- 1. PEL Practical Grammar 3 – 1 ECTS
- 2. PEL Academic Writing 3 – 6 ECTS
- 3. PEL Vocabulary 3 – 2 ECTS
- 4. PEL Integrated Skills 3 – 7 ECTS
- 5. Introduction to Translation Studies I – 1 ECTS
- 6. Research Methods in Linguistics – 2 ECTS
- 7. Introduction to Translation Studies II – 2 ECTS
- 8. History of English Literature II – 4 ECTS
- 9. American Studies II – 2 ECTS
- 10. English Language Teaching Methodology II – 3 ECTS
- 11. Research Methods in Applied Linguistics – 1 ECTS
- 12. Teaching English to Young Learner – 2 ECTS

English Studies Master Year 1

- 1. PEL – Integrated Skills 1 – 10 ECTS
- 2. PEL – Integrated Skills 2 – 10 ECTS
- 3. Psycholinguistics – 1 ECTS
- 4. Discourse Analysis – lectures + practical classes – 5 ECTS
- 5. Specialization Classes: Applied Linguistics – 6 ECTS
- 6. British Cultural Studies – 2 ECTS
- 7. Contemporary American Culture – lectures + practical classes – 5 ECTS
- 8. Specialization Classes: Literature-Culture Studies – 6 ECTS

English Studies Master Year 2

- 1. PEL – Academic Writing – 10 ECTS
- 2. PEL – Integrated Skills – 10 ECTS
- 3. Cognitive Linguistics – 3 ECTS
- 4. Language Education – Modern Trends – 6 ECTS
- 5. Specialization Classes: Applied Linguistics – 6 ECTS
- 6. Modern British Literature – 2 ECTS
- 7. American Culture Studies – 2 ECTS
- 8. Analysis and Interpretation of Literary Texts – 6 ECTS
- 9. Specialization Classes: Literature-Culture Studies – 6 ECTS
- 10. Introduction to Theories of Translation – 2 ECTS

INSTITUTE OF SOCIOLOGY

- 1. Social Psychology - 5 ECTS
- 2. Statistics – 5 ECTS
- 3. Social Macrostructures - 5 ECTS
- 4. Sociology of Culture - 5 ECTS
- 5. Sociology of Nation – 5 ECTS
- 6. Europe's Ageing Population - Should We Be Worried? - 5 ECTS
- 7. Culture of Individualism: Life in the Face of the New Spirit of Capitalism - 5 ECTS
- 8. Sociology of Film - 5 ECTS

INSTITUTE OF INFORMATICS

Bachelor Level

- 1. Mathematical Analysis 1 (for Informatics) – 4 ECTS
- 2. Mathematical Analysis 3 (for Informatics) – 3 ECTS
- 3. Linear Algebra with Analytic Geometry – 6 ECTS
- 4. Elements of Logic and Set Theory – 6 ECTS
- 5. Differential and Difference Equations – 2 ECTS
- 6. Bioinformatics or Digital Image Processing (elective course) – 4 ECTS
- 7. Functional Programming (elective course) – 4 ECTS
- 8. Introduction to Automata and Formal Languages Theory – 4 ECTS
- 9. Advanced Programming – 5 ECTSS
- 10. Software Engineering 2 – 4 ECTS
- 11. Introduction to Structural Programming – 7 ECTS
- 12. Databases – 5 ECTS
- 13. Algorithms and Data Structures – 5 ECTS

Master Level

- 1. Analytic Methods in Computer Science – 4 ECTS
- 2. Advanced Databases – 4 ECTS
- 3. Advanced Algorithms and Data Structures – 4 ECTS

INSTITUTE OF PHILOSOPHY

- 1. Autism, Mind and Society - 4 ECTS
- 2. Evolutionary Religious Studies – 4 ECTS
- 3. Introduction to Buddhism – 4 ECTS
- 4. The Main Issues of Bioethics – 4 ECTS
- 5. Animal Minds – 4 ECTS
- 6. The Embodied Mind: An Introduction to 4E Theories of Cognition – 4 ECTS
- 7. Philosophy of Psychiatry – 4 ECTS
- 8. An Introduction to Predictive Processing – 2 ECTS
- 9. Cognitive science of science – 4 ECTS
- 10. Epistemology – 4 ECTS
- 11. Philosophy of science – 4 ECTS
- 12. Problems of Christianity – 4 ECTS
- 13. Religion and the Modern Science – 4 ECTS
- 14. Evolutionary Psychology – 4 ECTS
- 15. Cognitive Science of Religion – 4 ECTS
- 16. Theories of Rationality – 4 ECTS
- 17. Judgement and Decision making – 4 ECTS
- 18. Evolution, Culture and Cognition – 4 ECTS
- 19. Philosophy of Biology – 4 ECTS
- 20. Philosophy of Economy – 4 ECTS
- 21. Theories of Capitalism – 4 ECTS

INSTITUTE OF CULTURE STUDIES

- 1. New Media Technologies in Educational, Cultural and Social Practice – 6 ECTS