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| **Course unit title** | **E-LEARNING DIDACTICS AND TECHNOLOGIES** |
| **Course unit code** | InfTP037 |
| **Type of course unit**  | A part – Compulsory part |
| **Level of course unit** | 2nd cycle (Master) |
| **Year of study**  | - |
| **Semester** | IV |
| **Number of ECTS credits** | 3 |
| **Name of lecturer(s)** | Lāsma Ulmane-Ozoliņa, Mg. sc.educ. |
| **Learning outcomes of the course unit** | **Aims of the course**The aim of the course is to impart basic knowledge and understanding of e-studies, which is required for a knowledgeable e-learning practitioner.**Objectives of the course**a) To find the most important notions, solutions of problems, which are mentioned in e-learning and distance education literature.b) Encourage students to take with a pinch of salt history and theories, which are in e-learning and distance learning fields.c) To get to know principles and system of e-studies.d) To get to know individuality of e-studies realisatione) To study cognitions of andragogy and pedagogy, problems and solutions in context of e-studies**Results of the course (competences to be developed)**After completion of the course student is able to use notions 'e-studies', 'distance learning'. Student can work out e-studies tuition materials and measure its quality without assistance, as well as choose appropriate technologies. |
| **Mode of delivery** | Face-to-face |
| **Prerequisites and co-requisites** | - |
| **Recommended optional programme components** | - |
| **Course contents** | During the course, acquainting with modern literature, give insight into notions of andragogy and pedagogy (in context of e-studies) e-studies and distance learning, terms, problems and solutions. Individuality of courses distances learning and e-studies realisation are analysed, as well as types of e-studies materials and available technologies. |
| **Course plan** |

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| **Theme** | **Sub-theme** |
| Notion of learning.. | 1. Researches on notion of learning2. Motivation3. Andragogy. How adults learn. Issue of pedagogy in aspect of e-learning. |
| Distance learning and e-learning | 1. Distance learning
2. E-learning
3. Principles of distance learning and e-learning
4. Lifelong education
5. Interconnection of different notions
6. Development tendencies of distance learning and e-learning
7. Initiatives of European Union in e-learning field
8. Virtual universities
9. Versions of realisation of distance learning
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| Working out tuition materials. | 1. Special features of tuition materials2. Cycle of working out tuition materials  |
| E-studies environment and technologies | 1. Acquaintance with different e-learning environments and technologies used in e-learning2. Engineering psychology. |
| Students supporting in e-learning | Students supporting system |
| Quality of e- learning courses and their assessment. | 1. Standards2. How to assess materials |

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| **Recommended or required reading** | Ruth Colvin Clark, Richard E. Mayer E-learning and the science of Instruction. – USA: Pfeiffer, 2003. – 322 p.Rowntree, Derek, Preparing materials for open, distance and flexible learning. Kogan Page Ltd, London, 1999. |
| **Planned learning activities and teaching methods** | Lectures, guest lectures, practical works, seminars, student's individual work |
| **Assessment methods and criteria** | **Test**Students have to gain 70% of total points (home tasks, participating in discussions, activity, individual works, attendance of lectures) |
| **Language of instruction** | English |
| **Work placement(s)** | N/a |