



Course title: NEW TECHNOLOGIES IN EDUCATION

ECTS credit allocation (and other scores): 2

Semester: autumn

Level of study: ISCED-6 - first-cycle programmes (EQF-6)

Branch of science: Social sciences

Language: English

Number of hours per semester: 15

Course coordinator/ Department and e-mail: LIDIA BIELINIS / FACULTY OF SOCIAL SCIENCES /
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Type of classes: classes

Substantive content

CLASSES:

1. Trends and challenges of a contemporary educational space – typology of generations. Contrasts between digital natives and digital immigrants. Characteristics of teaching and learning in a digitalized world.
2. Learning in a digital era – theories and models of learning. Exemplifications of digital didactics.
3. Social media in education, mobile education, ubiquitous learning, Augmented and Virtual Reality, Mindmapping in education.
4. Modern tools and applications supporting the work of a teacher – usage examples.

Learning purpose: developing skills for using ICT and providing knowledge of current learning theories and models

On completion of the study programme the graduate will gain:

Knowledge: understanding learning theories in the digital era and educational models based on the ICT usage

Skills: ability to use ICT tools and mobile applications supporting the teacher's work

Social Competencies: orientation on the active use of ICT tools and reflective selection of the educational model

Basic literature:

Gardner H., Davis K., *The App Generation. How today's youth navigate their identity, intimacy and imagination in a digital world*, New Heaven and London 2013.

Prensky M., Digital natives, Digital Immigrants, *On the Horizon* 9(5), pp. 1-6, 2001.

Siemens G., Connectivism: A learning theory for the digital age, *International Journal of Instructional Technology & Distance Learning* 2, pp. 3-10, 2005.

Tapscott D., *Grown up digital. How the net generation is changing your world*, New York: 2009.

Supplementary literature:

Katz J. E., Rice R. E., *Social Consequences of Internet Use. Access Involvement and Interactions*, The MIT Press, Cambridge, Massachusetts, London 2002.

Kirschner P. A., De Bruyckere P., The myths of the digital native and the multitasker, *Teaching and Teacher Education* 67, pp. 135-142, 2017.

Klichowski M., *Learning in cyberparks. A theoretical and empirical study*, UAM, Poznań 2017.

Livingstone S., Haddon L., *EU Kids Online: Final Report*, 2009. Available online: www.eukidsonline.net

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 15

Student's independent work: 35