

**Faculty of Architecture**

**Department:** Arts

**Professional area:** Fine Arts

**Major:** Computer Graphic Advertising Design

**Educational-and-qualification Degree:** Master

**COURSE DESCRIPTION**

1. Course unit title: 3D Computer Design Part II
2. Course unit code: INF 2065
3. Type of course unit: elective
4. Level of course unit: Master
5. Year of study: first
6. Semester: second
7. Number of ECTS credits allocated: 3
8. Name of lecturer: Prof. Rossen Radoev, PhD
9. Learning outcomes of the course unit: The course is designed to provide students with knowledge and skills to enable them to realize their creative potential. When creating their artistic works they need to be able to understand and professionally implement modern 3D graphic software. When trained to be familiar with its potential, requirements and standards, students will be able to shorten the designing process and will benefit from a greater variety and choice of optimal decisions. The ultimate objective of the course is for students to be able to design and visualize complete projects by means of the computer – from the initial idea to its utter realization.
10. Mode of delivery: Face-to-face
11. Prerequisites and co-requisites: Students need to have basic knowledge acquired in high school and the bachelor programme as well as core knowledge of 3D MAX application.
12. Course contents: Design by creating graphics on the basis of 3D MAX application. Settings and use of lights and cameras. 3D visualization of drawings and sketches. Create a custom environment for a particular design project. 2D effects in Photoshop - completion of the computer design process. Rendering.
13. Recommended and/or required reading:
  - *Autodesk 3ds Max 2012 Essentials – Randi L. Derakhshani, Dariush Derakhshani*
  - *3ds Max 2008 Библията - Kelly L. Murdock*
  - *3ds Max 9 – Официален учебен курс*
  - *3ds max 7. Официален учебен курс*
14. Planned learning activities and teaching methods: Lectures, contact hours, independent work.
15. Assessment methods and criteria: The required assignments are assessed. Students have to demonstrate the use of theory in practical tasks. At the examination, students submit 100% of their assignments performed in several versions in paper and digital media.
16. Language of instruction: Bulgarian, English
17. Work placement: none