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| Main information | Name of subject, code and the number of credits | DSN 412 Application software (3D vizualisation) 6 ECTS |
| | Department | Architecture and design department |
| | Program (bachelors, master) | Bachelors |
| | Academic semester | Fall semester of the 2023/24 academic year |
| | Teacher | Narmin Gasimova |
| | E-mail: | narmingasimova20@gmail.com |
| | Telephone: | +994 55 319 01 00 |
| | Lecture Room/Table | Neftchilar corpus |
| | Counseling hours | At times agreed upon with students |
| Prerequisites | - | |
| Language of instruction | Azerbaijani | |
| Type of subject (compulsory, elective) | Compulsory | |
| Lessons and additional literature | Textbooks: https://www.youtube.com/@Autodesk3dsMax https://www.youtube.com/@gogolovartem https://www.youtube.com/@ArhiTeachCGSchool https://www.youtube.com/@s.k.yvisualizationstudio2149 Kelly L. Murdock's Autodesk 3ds Max 2020 Complete Reference Guide Praise for Sams Teach Yourself 3ds Max® in 24 Hours | |
| Description of the course | The subject is learned by conducting practical exercises in the 3DS Max program and performing free work on topics given to students by the teacher, teaching the subject. After studying this subject, students have the ability to visualize interior and exterior projects in 3D views. | |
| Course objectives | The main objective of the "3DS Max" is to model furniture in the interior, to collect shapes, and to provide final visualization. At the same time, the main purpose of teaching the subject is to model design products and projects, assemble forms, and present the final visualization. In this case, the subject is the transfer of knowledge related to construction production and how to apply it in practice. Students' mastery of modern technologies and methods in the field of design increases their professionalism and helps them consciously, rather than spontaneously, realize their specialization. The main function of the science curriculum is to provide knowledge of construction and their experience. Students who are trained in modern technology and methods in the field of construction enhance their skills and help them to realize their skills in a thoughtful way, not in a cortical way. | |

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| Results of teaching (learning). | <p>As a result of studying the subject, students have the following</p> <p>They need to know:</p> <p>Must know design and planning solutions within the framework of the interior; Pre-project studies. To get know analogues and application possibilities.</p> <p>Must know how to apply the method of location size;</p> <p>Compilation of a functional planning based on the approved concept;</p> <p>Modeling design products and project resources in 3D MAX software.</p> <p>they have to be able to:</p> <p>they need to be able to work with lecture materials;</p> <p>They need to be able to prepare projects for the lessons;</p> <p>They should be able to carry out their assignments by a teacher;</p> <p>They should be able to increase their level of knowledge by using additional publications related to individual lecture topics:</p> | | |
| Teaching methods | Lecture | x | |
| | Group discussion | x | |
| | Other | x | |
| Marks | Components | History/last term | Percent (%) |
| | Task | | 10 |
| | Activity | | 10 |
| | Attendance | | 5 |
| | Midterm exam | | 25 |
| | Final exam | | 50 |
| | Conclusion | | 100 |
| Rules (Teaching policy and behavior) | <p>Task</p> <p>Tasks are evaluated according to the process of developing a project in design programs according to each topic.</p> <p>Check (quiz):</p> <p>The mark to be given for the activity will be given to the student's participation in the discussions, the creative thinking in solving the assignment, and the presentations they have prepared throughout the semester.</p> <p>Attendance:</p> <p>The maximum score for class attendance is 5 points. The number of points is based on: if the student attends all classes in the subject during the semester, he is given 5 points. If the total number of lessons missed during the semester for the subject exceeds the prescribed limit of 25% (illness, family situation, etc.), the student is not admitted to the exam session and a certain decision is made about it.</p> <p>About the Test</p> <p>Both the intermediate and Final exams will be in practice.</p> <p>Marks to be given for examinations is evaluated by the cafeteria.</p> <p>How to finish course</p> <p>The student's knowledge is valued at a maximum of 100 balls the overall success rate to complete the course is 60% and higher. A student with a deficit can take this subject again in the new semester or the new year.</p> | | |

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| | <p>Violation of examination rules</p> <p>During midterm and final exams, students are prohibited from disrupting the course of the exam and making displacements. A student who does not follow this rule will have his exam work canceled and will be expelled from the exam with a grade of 0 (zero).</p> <p>Rules of Conduct for a Student</p> <p>The student is not allowed to violate university internal regulations and use of a mobile phone.</p> |
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| Chart | | | |
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| Week | History | Course topics | Lessons/Tasks |
| 1. | 19.09.2023 | Main Toolbar | Autodesk 3ds Max 2024 Basics Guide Published July 28, 2023 By Kelly L. Murdock |
| 2. | 26.09.2023 | Standart Primitives | Autodesk 3ds Max 2022 Fundamentals Published August 30, 2021 By ASCENT |
| 3. | 03.10.2023 | Mid term | |
| 4. | 10.10.2023 | Edit Spline, Edit Poly | |
| 5. | 17.10.2023 | Modeling(Sweep profile,FFD box) | |
| 6. | 24.10.2023 | Floorgenerator(Multitexture) | |
| 7. | 31.10.2023 | Material Library. | Exploring Standard Materials in 3ds Max 2016 by Raavi O'Connor |
| 8. | 07.11.2023 | Lights Setup(Interior,Exterior) | |
| 9. | 14.11.2023 | Camera Setup (Corona Camera) | |
| 10. | 21.11.2023 | Interior design(Practice) | 3ds Max Design Architectural Visualization: For Intermediate Users by Brian L. Smith |
| 11. | 28.11.2023 | Interior design(Practice) | Autodesk 3ds Max 2018: A Comprehensive Guide by Prof Sham Tickoo Purdue Univ |
| 12. | 05.12.2023 | Interior design(Practice) | |
| 13. | 12.12.2023 | Render Setup Corona Render | |
| 14 | 19.12.2023 | Post Production | |
| 15 | 26.12.2023 | Final Render Presentation. | |
| Final exam | | | |

Təsdiq edir: Dos. Abbasova Ş.A.

Memarlıq və dizayn departamentinin rəhbəri