

	Special Topics in 3D
Description	<ul style="list-style-type: none"> • 3D analysis and data processing. • 3D digital reconstruction/restoration of objects/monuments with documentary sources and use of 3D digital copies of fragmentarily preserved documents. • Digital Representation of Reality (Reality Modeling): <ul style="list-style-type: none"> ○ 3D digital landscapes - humanities educational tools and educational games. ○ Reconstruction of a landscape of the past. • 3D printing: <ul style="list-style-type: none"> ○ Printing of dummies used in training, research and demonstration. ○ Prosthetic reconstruction of finds and monuments.
Learning Outcomes	<p>After the end of the course the student</p> <ul style="list-style-type: none"> • will understand elements of 3D data analysis and processing and deepen their application in 3D digital reconstruction / restoration. • will become familiar with the digital representation of reality and its application in the creation of 3D digital landscapes. • will deepen into the application of 3D printing in the humanities with an emphasis on model printing and prosthetic reconstruction.