

DIGITAL METHODS IN THE HUMANI- TIES AND CULTUR- AL STUDIES

INTERUNIVERSITY

Master of Arts

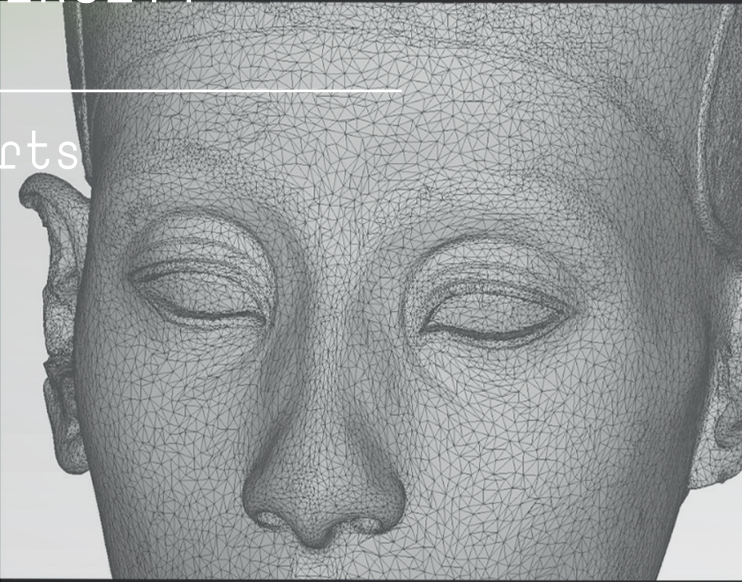
```
from pywavefront import ObjLoader as wobjloader
# Load the model
model = wobjloader('2012_06_Mercury_1D_Scan_00000001_10pcnt.obj')
# Check for duplicate vertices
unique_vertices = set()
duplicate_vertices = set()
for vertex in model.vertices:
    if vertex in unique_vertices:
        duplicate_vertices.add(vertex)
    else:
        unique_vertices.add(vertex)

if len(duplicate_vertices) > 0:
    print(f'Duplicate vertices found: {duplicate_vertices}')
else:
    print('No duplicate vertices found')

# Check for missing expected faces
expected_faces = 1
if len(model.faces) != expected_faces:
    print(f'Missing expected faces: {len(model.faces)}')
else:
    print('No missing faces found')

# Check for duplicate edges
unique_edges = set()
duplicate_edges = set()
for face in model.faces:
    for edge in face.edges:
        if edge in unique_edges:
            duplicate_edges.add(edge)
        else:
            unique_edges.add(edge)

if len(duplicate_edges) > 0:
    print(f'Duplicate edges found: {duplicate_edges}')
else:
    print('No duplicate edges found')
```



ENGINEERING
HOCHSCHULE MAINZ
UNIVERSITY OF
APPLIED SCIENCES



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ

DIGITAL METHODS IN THE HUMANITIES AND CULTURAL STUDIES M.A.

PROGRAM OBJECTIVES

The interuniversity master's degree program in Digital Methods in the Humanities and Cultural Studies is offered in collaboration with Johannes Gutenberg University in Mainz. The degree program focuses on technology-based solutions to questions in the humanities and cultural sciences. This field of work is also summarized under Digital Humanities.

The master's program offers six specializations in digital methods: Geoinformation, Music, Translation, English Linguistics, Editorial Science, and Modeling. Depending on your previous studies, leveling modules teach interdisciplinary complementary skills. There is a special focus on web technologies.

The degree program is interdisciplinary, and is based on methods, not disciplines. Numerous classes and the practical project are made possible by the collaboration with the Leibniz Institute of European History and the Academy of Sciences and Literature in Mainz.

PROGRAM STRUCTURE

The degree program includes classes at Mainz University of Applied Sciences and Johannes Gutenberg University of Mainz. Both universities have slightly different lecture periods. As a result, the lecture periods of the master's program are longer, but the exam periods are synchronized. In the 3rd semester, the 10-week practical project can also be completed abroad.

PROSPECTS

Graduates are in demand as qualified professionals in many industries because they combine IT skills with a humanities mindset. Typical areas for career opportunities include research, the software industry, and the creative industries, as well as publishing houses, libraries, archives, and museums.

AT A GLANCE

When to start

Winter semester

Standard period or study

4 semesters, full-time (120 ECTS)

Requirements

- B.A. in humanities or cultural sciences
- B.Sc./B.Eng. in applied informatics or a subject with an information science focus

Contact us

niedermu@uni-mainz.de
+49 (0) 6131 39-22184

For more information

<https://www.digitale-methodik.uni-mainz.de/>



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



ENGINEERING
HOCHSCHULE MAINZ
UNIVERSITY OF
APPLIED SCIENCES