

DEPARTMENT OF MULTIMEDIA AND GRAPHIC ARTS

Computer Mediated Communication

Candidates for this post should possess:

- A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Computer Science, Sociology, Multimedia, Internet Studies or other related area.
- Excellent knowledge of English.
- Experience with qualitative and quantitative research methodologies and previous participation in research programs will be considered an advantage.

Note: Besides the paperwork required by the postgraduate studies office, your application should include a 2-3 pages letter of interest or statement of purpose documenting your interest for the particular position, your research goals and your prior research experience.

In parallel to the doctoral studies, the successful applicant may be employed in related projects or/and may be assigned teaching duties at the Department of Multimedia and Graphic Arts, with appropriate reimbursement.

Creativity and Older People

Candidates for this post should possess:

- A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Computer Science, Sociology, Multimedia, Internet Studies, Design or other related area.
- Excellent knowledge of English.
- Experience with qualitative and quantitative research methodologies and previous participation in research programs will be considered an advantage.

Note: The PhD will require the design and data collection through creativity workshops with older people.

Besides the paperwork required by the postgraduate studies office, your application should include a 2-3 pages letter of interest or statement of purpose documenting your interest for the particular position, your research goals and your prior research experience.

In parallel to the doctoral study, the successful applicant may be employed in related projects. In addition, he/she may be assigned teaching duties at the Department of Multimedia and Graphic Arts, with appropriate reimbursement.

Creation of Photorealistic Virtual Environments

Candidates for this post should possess:

1. A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Computer Science, Computer Engineering, Electrical Engineering or related area.
2. Prior knowledge in the areas of Computer Graphics, Computer Vision or related area.
3. Good programming skills in C, C++ , and/or Matlab.GPU-based programming is a plus.
4. Strong motivation and ability to work independently.
5. Good knowledge of English language

In parallel to studies, the successful candidate may be employed in related projects. Moreover, the successful candidate may be assigned teaching-related duties at the Department of Multimedia and Graphic Arts, with appropriate reimbursement.

Smart Virtual Reality Applications

Candidates for this post should possess:

1. A Bachelor's Degree or a Postgraduate Degree of Master's level from accredited Universities in Multimedia or Computer Science or any related field
2. Experience in designing and implementing virtual reality applications
3. Excellent computer programming skills in a high level programming language
4. Ability to organize and carry out research work independently.
5. Very good knowledge of English language.
6. Prior experience in submitting research proposals or participating in research programs will be considered as an additional qualification.

In parallel to his/her studies, the successful candidate may be employed in related projects. Also the successful candidate may be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement.

Robotics in Education

Candidates for this post should possess:

1. A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Computer Science, Multimedia, Educational Technology or other related area.
2. Excellent knowledge of English.
3. Excellent technology skills and ability to quickly learn new technologies.
4. Programing skills and previous participation in research programs will be considered an advantage.

Note: Besides the paperwork required by the postgraduate studies office, your application should include a 2-3 pages letter of interest or statement of purpose documenting your interest for the particular position, your research goals and your prior research experience.

In parallel to the doctoral studies, the successful applicant may be employed in related projects or/and may be assigned teaching duties at the Department of Multimedia and Graphic Arts, with appropriate reimbursement.

Technology Enhanced Learning and Collaboration Spaces

Candidates for this post should possess:

1. A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Computer Science, Multimedia, Educational Technology or other related area.
2. Excellent knowledge of English.
3. Excellent technology skills and ability to quickly learn new technologies.
4. Programing skills and previous participation in research programs will be considered an advantage.

Note: Besides the paperwork required by the postgraduate studies office, your application should include a 2-3 pages letter of interest or statement of purpose documenting your interest for the particular position, your research goals and your prior research experience.

In parallel to the doctoral studies, the successful applicant may be employed in related projects or/and may be assigned teaching duties at the Department of Multimedia and Graphic Arts, with appropriate reimbursement.

Computer Graphics, Virtual Reality & Emerging Technologies

Candidates for this post should possess:

1. A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Computer Science, Computer Engineering, or other related field.
2. Excellent programming skills
3. Very good knowledge of C/C++ programming language and/or excellent knowledge of a game engine
4. Ability to work independently on research projects
5. Excellent knowledge of English language (spoken and written)
6. The following will be considered as additional qualifications:
 - experience in programming using OpenGL library
 - experience in GPU programming
 - experience in submitting research proposals and/or participation in research projects
 - very good knowledge of a 3D modelling software

For this position, applications are accepted only for **full time** studies.

The successful candidate will be affiliated with the research lab of Department of Multimedia and Graphic Arts, Microsoft Computer Games and Emerging Technologies (GET Lab – <http://www.getlab.org>)

The successful candidate may be assigned teaching-related duties, with appropriate reimbursement, at the Department of Multimedia and Graphic Arts, based on the needs of department per academic year.

Semiotics and Visual Communication

Candidates for this post should possess:

1. A Bachelor's Degree and a postgraduate Degree of Master's level from accredited Universities in Visual Communication or any related field.
2. Research experience in the field of content analysis.
3. Ability to work independently.
4. Very good knowledge of English language.

In parallel to studies, the successful candidate may be involved in research related projects. Also the successful candidate may be assigned teaching-related duties at the Department of Multimedia and Graphic Arts with appropriate reimbursement.

Art and design education”, “Art and design pedagogies”, “Design education for the knowledge economy”, “Design and competencies for the 21st century”, “Information literacy and studio-based disciplines”, “Empirical research and design outcomes”, “Multidisciplinarity in design education”, “Constructivist learning in art and design”, “Instructional design for art and design”, “Instructional technology in art and design”, “Elearning in art and design”, “Networked learning in art and design

Candidates for this post should possess:

1. A Bachelor’s Degree and a postgraduate Degree of Master’s level from accredited Universities in Educational Research, Educational Technology, Art and Design Education or other related areas.
2. Ability to work independently on research projects.
3. Excellent knowledge of the English language.
4. Prior experience in submitting research proposals, participation in research programs and research experience related to the above topics, or experience with quantitative/qualitative methods will be considered as an advantage.

In addition to the paperwork required by the postgraduate studies office, your application should include a 2-3 pages letter of interest or statement of purpose describing your research interest in relation to the themes advertised for this Phd position.

In parallel to the doctoral study, the successful applicant may be employed in related projects. In addition, he/she may be assigned teaching duties at the Department of Multimedia and Graphic Arts, with appropriate reimbursement.