

Master in Glass Art and Science

A degree conferred by Universidade Nova de Lisboa (Faculty of Sciences and Technology)
and Universidade de Lisboa (Faculty of Fine Arts)

In addition to its past and current research activities in all areas at the intersection of art and science, a pursuit in which VICARTE was the pioneer in Portugal, we are now at the end of the first year in which we could offer a very highly innovative post-graduate degree, the first in the world, a Master of Glass Art and Science. This master's degree program officially started in October 2009 and has in its first year of existence, a group of students of highly varied educational background and national origin. Our current group comes from: Canada, Finland, France, Japan, the Netherlands and Portugal.

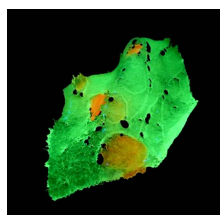


Master students blowing at UNL

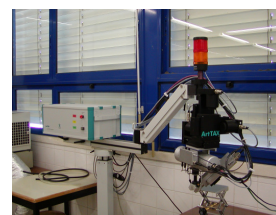
Vicarte, the research group that officially instituted this Master's degree program, is internationally oriented, respected and supported in its primary purpose, which is to research and develop new materials, processes and original thought in art, science and industry. A very highly qualified and internationally recognized team of artists and scientists collaborate to do this. Among these are: Michael Taylor, Richard Meitner, António Pires de Matos, Márcia Vilarigues, Robert Wiley, Carlo Pantano, David Martlew, David Pye, Jutta Page, Michael Rogers, Paul Marioni, Chris Taylor, Cesare Toffolo, Fabio Fornasier, Robert H. Brill, Susanne Frantz, Joerg Hanowski, William Gudenrath and William Traver. In the coming year, the second year of our existence, we fully intend to involve other highly qualified and internationally recognized experts as well.

Admission requirements: Bachelor's degree in Fine Arts, Design, Architecture, Chemistry, Physics, Materials Science, Conservation and Restoration, or other areas approved by the Scientific Commission, or an academic degree of the 1st cycle according to the Bologna Accords. Applications for admission to our program by candidates with other than the above qualifications from Universities or higher educational institutions, will be evaluated by the Course Commission.

This master's degree conferred to students of art and students of science, has the support for the academic year 2010-2011 of the *Fundação Calouste Gulbenkian* under the program "Innovative Projects for the Development of Higher Education".



Application of luminescent glasses in art



Chemical analysis of glasses by X-ray fluorescence

The students following this new Master's degree courses have at their disposal all standard studio glass-working facilities. Our students also have at their disposal some complex and unusual equipment as well. Among these are a CO₂ laser engraver, a 3D printing machine, serigraphy equipment and thin layer deposition equipment. Additionally the students are, twice each year, able to make work using all of the industrial glass facilities at CRISFORM in Marinha Grande, Portugal's industrial glass center. Crisform is a very well equipped institution whose founding purpose was to join individual glass industrial companies in Portugal to provide for them education in the various professional pursuits relevant to industrial glass production.



Lampwork bench at UNL



Hot shop at CRISFORM, Marinha Grande

Information and pre-registration: VICARTE www.vicarte.org

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