

**Computing**

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Dear Student,

We hope your time with the External System has been an educational, academically challenging and most of all enjoyable experience. We wish you every success in your future but wanted to make you aware of opportunities at Goldsmiths, should you not be ready to leave us yet!

From this September the Department will be launching a new programme which we thought you might be interested in hearing about: **MSc Computing**

As you are aware, computing is fundamentally changing. Computers are increasingly central to creative work, used in the film, music and games industries, as well as by ordinary people to make and share their own media. Most of all, computing no longer exists in a vacuum but as part of a broader interdisciplinary context. At Goldsmiths, we have combined all these elements to create a thoroughly modern Computing MSc, reflecting the nature of computing in the 21st century. You will learn to program complex interactive real-time systems in C++ and massively parallel GPU programming, supplemented with the mathematical foundations of graphical and interactive software. This will enable you to create powerful and efficient software for traditional computers and state of the art technologies including the iPhone, iPad, Arduino, Motion Tracking and robotics. In our interdisciplinary department, you will work with artists to develop software that is both technically cutting-edge and represents new creative thinking about how we interact with computers. You will be taught, by a veteran of the Computer Games Industry, the most demanding modern industry for programmers. A number of optional courses are also offered on interdisciplinary topics such as artificial intelligence, computer vision, audio engineering, physical computing, animation and cognition.

Further information on the course can be found at the following address:  
<http://www.gold.ac.uk/pg/msc-computing/>

Alternatively, if you are interested in discussing the programme please contact Dr Marian Ursu on [computing@gold.ac.uk](mailto:computing@gold.ac.uk) or 020 7919 7869.

Kind Regards

Department of Computing, Goldsmiths