Recent Ph.D. theses

- Image Analysis and Processing with Applications in Proteomics and Medicine, Eleftheria Mylona, 2014
- Development of Systems and Methods for Medical Image Analysis and Processing, Eystratios Keramidas, 2009
- Development of Computational Methods for Biomedical Data Analysis in Software and Hardware, Dimitris Bariamis, 2009
- Design and Implementation of Image Analysis and Processing Algorithms in Field-Programmable Gate Arrays for Real-Time Operation, Dionysis Chaikalis, 2009
- Computational Analysis of Biomedical Data, Eleni Zacharia, 2009
- 2D Signal Analysis Methods and Applications in Medicine, Michalis Savelonas, 2008
- Collection and Processing of Multichannel Medical Data, Dimitris Iakovidis, 2004

Recent M.Sc. theses

- Recent Methods for Video Compression and Encoding, Nikolaos Exarhakos, 2014
- Recent Methods for Digital Image Denoising, Panagiotis Koutonias, 2014
- Acceleration of the Contourlet Transform, Stamos Katsigiannis, 2011
- Proteomics Image Processing, Eirini Kostopoulou, 2009
- Ultrasound Image Analysis and Processing Framework, Eystratios Keramidas, 2008
- Computer science applications on proteomics, Eleni Zacharia, 2006

Recent graduate theses

- Generation of Synthetic Proteomics Images, Maria Kodogianni, 2011
- Image Analysis and Processing Using the Contourlet Transform and Application in Biomedical Data, Stamos Katsigiannis, 2009
- 3D Scenes Design on Software Using Ray Tracing Machine, Kalotina Karakatsani, 2009
- Three Dimensional Imaging and Analysis of Integral Photography, Aggeliki Soule, 2008
- Boundary Feature Extraction and Application in Computer Aided Diagnosis of Thyroid Nodules, Kleopatra Sanida, 2008
- Developing of Thyroid Image Analysis Methods Supported by Friendly Graphical User Interface, Ioannis Pittos, 2008
- convolutional Channel Codes and Cryptography for Descrete Information Sources, Michael Biglakis, 2008
- Feature Selection Using Genetic Algorithms, Eleni Zacharia, 2007
- Research and Develop of Active Contour Models and Application on Thyroid Nodule Lineation on Ultrasound Images, Despoina Stefanoudaki, Eleni Panteliou,2007
- Implementation of a Content Based Image Retrieval System, Spyridon Eyaggelatos, 2007

- Texture Feature Extraction Acceleration on Hardware and Software, Dimitris Bariamis, 2006
- Advanced Digital Video Analysis and Processing Methods, Ioanna Kaliarnta, Isidora Ioannou, 2006
- Modern Methods for Color Image Analysis, Andreas Mprokos, 2004
- Feature Extraction Using Statistical Moments, Chaikalis Dimitris, 2004
- Real Time Digital Video Processing, Ilias Flaounas, 2003