

	Image Processing/Analysis
Description	<ul style="list-style-type: none"> • Image digitization • Digital image capture devices • Image transformations • Image Registration • Image Segmentation • Image enhancement • Image coding, compression and transmission techniques • Image analysis, feature extraction, image categorization • Image restoration • Applications of image processing and analysis in the humanities: Optical Character Recognition in printed and handwritten texts, object recognition through image analysis, image reconstruction of objects.
Learning Outcomes	<p>After the course the student will be able to</p> <ul style="list-style-type: none"> • Understand the basic concepts of digital imaging. • To understand, apply and utilize image processing and analysis tools in the context of character and object recognition.