

Minor in Imaging

Registration Form

Important: you must register on IS-academia

Deadline to register: end of the first semester of the master program

Student's Personal Information

First Name:

Last Name:

SCIPER :

Email address:

Section :

Current Semester:

Date of beginning of the minor (semester/year):

Please email this form to the coordinator of the minor:

daniel.sage@epfl.ch and CC the secretariat of your section

Codes	Course	Teacher(s)	Credits	Course	Period	Selection
	Mandatory Project					
MICRO-489	Semester Project related to imaging field		8	A	S	
	Instrumentation and Optics					
MICRO-421	Imaging optics	Psaltis	3		S	
MICRO-428	Metrology	Charbon/Fantner/Bruschini	3		S	
MICRO-429	Metrology practicals	Charbon/Fantner/Bruschini	2		S	
MICRO-523	Optical detectors	Besse	3	A		
MSE-450	Electron microscopy: advanced methods	Hébert/Duncan	3		S	
BIO-443	Fundamentals of biophotonics	Radenovic	3		S	
	Image Processing and Analysis					
EE-451	Image analysis and pattern recognition	Thiran	4		S	
MICRO-511	Image processing I	Unser/Van de Ville	3	A		
MICRO-512	Image processing II	Unser/Van de Ville/Liebling/Sage	3		S	
MICRO-573	Deep learning for optical imaging	Psaltis	3		S	
EE-490(f)	Lab in signal and image processing	Thiran	4		S	
CS-413	Computational photography	Süsstrunk	5		S	
CS-442	Computer vision	Fua	4		S	
CS-503	Visual intelligence : machines and minds*	Zamir	5		S	
COM-514	Mathematical foundations of signal processing	Fageot/Simeoni/Bejar	6	A		
	Application-Specific Courses					
BIO-410	Bioimage informatics	Seitz/Sage	4		S	
MICRO-561	Biomicroscopy I	Altug	3	A		
MICRO-562	Biomicroscopy II	Altug/Seitz	4		S	
PHYS-438	Fundamentals of biomedical imaging	Gruetter	4		S	
NEURO-421	Neural signal and signal processing	Micera/Van De Ville	6	A		
ENV-540	Image processing for Earth observation	Tuia	4	A		
CIVIL-510	Quantitative imaging for civil engineering	Andò	3	A		
ENV-405	Sensing and spatial modeling for earth observation	Skaloud, Berne, Tuia	5		S	
HUM-418	Histoire de l'image I	Lugon	3	A		

Total Credits
