COURSE DETAIL

COMPUTER VISION
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics Engineering Computer Science
UCEAP Course Number 170
UCEAP Course Suffix
UCEAP Official Title COMPUTER VISION
UCEAP Transcript Title COMPUTER VISION
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description
This course gives an overview of the theory and practically useful methods in computer vision, with applications within e.g. vision systems, non-invasive measurements, and augmented reality. The aim is to make the student develop their ability in problem solving, with and without a computer, using mathematical tools taken from many areas of the mathematical sciences, in particular geometry, optimization, mathematical statistics, invariant theory, and transform theory.

Language(s) of Instruction
English

Host Institution Course Number
FMAN85

Host Institution Course Title
COMPUTER VISION

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering- Mathematics

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