This graduate course is offered by the University of Basel and the Zürich-Basel Plant Science Center (PSC) for advanced biology students with basic plant science training. Course topics include microclimatology, ecophysiology, biodiversity, reproductive biology, vegetation, ecosystem ecology and remote sensing. The course will include lectures, field excursions and project work. Participation is limited to 24 students. Full board costs are CHF 400 (exclusive travel expenses).