

INSTRUCTOR: Laurent Deluc Learn how to

Genetically Engineer a Plant

Apply the knowledge for crop improvement

Evaluate several genetic engineering methodologies

Understand the societal impact of GE plants

Plant genetic engineering and advances in biotechnology in the last 30 years have allowed for groundbreaking findings in plant biology that revolutionize our understanding of plant growth and their adaption to many environments. The course will cover the Principles, Methods, and recent Tools developed in the genetic engineering of higher plants, their potential application for crop improvement, and the impact of genetic manipulation on society. Class will consist of lectures and seminars given by guest speakers, and recitations to discuss seminal research articles related to the topic.

