



PROGRAM: BIODESIGN; INNOVATION INSPIRED BY NATURE: THE UNDERGROWTH



Program Focus Recommended Major:

A complete interdisciplinary focused workshop. It aims to understand and design biological paradigms from a multidisciplinary approach.



Duration: **3 weeks**



Level of study:

Description:

The student will learn from and then emulating natural forms, processes, and ecosystems to create sustainable designs upon a decarbonization challenge seeking design strategies on the forest Undergrowth species as mentors.

Goals

- o The student will understand the difference between learning about nature and learning from life, using organisms as mentors.
- o The student will begin to know how to use biomimicry design principles where disciplinary boundaries meet.
- o The student will develop a process for sustainable design solutions based on life genius.
- o The student will apply analogical and digital tools to improve the experimental design process.



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