

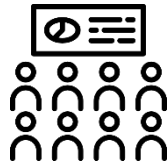
Contemporary Biological & Medical STEM: from Modelling to Practice

This short course emphasizes established and emergent areas of science technology engineering and mathematics including molecular, membrane, and mathematical biophysics; photosynthetic energy harvesting and conversion; information processing; physical principles of genetics; sensory communications; automata networks, neural networks, and cellular automata. Equally important is coverage of applied aspects of biological and medical physics such as electronic components and devices, biosensors, medicine, imaging, coding and simulations.



WHO IS IT FOR?

Students, Researchers,
Government or Academic
professionals



MAX SIZE

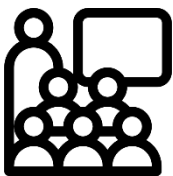
20 participants per class



DURATION

2 Weeks

COURSE COMPONENTS



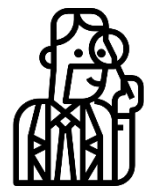
Lectures



Hands-on
Experiences



Flipped Classroom



Lab tour