

Course No.	Course Title	Credits	Pre-requisite	Learning Type
<b>0706476</b>	<b>Bioenergy</b>	<b>3</b>	<b>403102,0706473</b>	<b>Face-to-face</b>
<p>Provides an introductory understanding to biomass, biomass to low-carbon energy systems including bio-power, bio-heat and bio-fuels, with a scientific examination of feedstock, conversion technologies and scale up for industrial production, end products, and their applications. The course will also provide entry level understanding of the concepts of sustainability, systems thinking and Life Cycle Analysis (LCA) and incorporation of these concepts into bio-energy systems. The class will explore the potential advantages of low-carbon energy in developing a low-carbon economy and society.</p>				