

MMP 601 - Industrial Polymers: Technology and Characterization *

Hours: 40 hours **

Beginning: February 6, 2021.

End: March 20, 2021. ***

Menu: Fundamentals of polymer technology. Nomenclature, classification and training of polymers. Molar mass, structure and properties of polymers. Production of plastics and rubbers of industrial interest. Moldable composition of plastics and rubbers. Evaluation of properties: characterization of plastics and rubbers (hardness; resistance tests mechanics, x-rays, infrared, microscopy and thermal analysis, among others).

* Discipline to be offered exceptionally remotely due to the pandemic, according to Resolution CEPG Number. 07, of July 3, 2020.

** Exceptionally, the total workload of the discipline will be divided between synchronous activities and asynchronous. The synchronous activities of the discipline will be held on Saturdays and Tuesdays. On Saturdays minimum charge will be two hours (2h). When on business days, synchronous activities will be performed preferably after 19:00h and with a load not exceeding two hours (2h).

*** The end date is subject to change in the course of activities.

