Course matching for
University of Strasbourg - École Européenne de Chimie, Polymères et Matériaux (ECPM) courses year 3 in ENGLISH (master 2 level)
Versus
NTU, CBC Year 4 MPEs

For Sep – Jan semester

**ONE** CBC’s module to be matched with **THREE** University of Strasbourg course (Based on contact hours)

**CM4016 - Pharmaceutical Chemistry:**
Introduction to biology (10.5h)
Medicinal Chemistry (10.5h)
Fluorine Chemistry for life sciences (10.5h)
Industrial synthesis in pharmaceutical company (10.5h)

**CM4011 – Advanced analytical chemistry:**
Advanced Mass spectroscopy (19.5h)
Nanoscale in analytical chemistry (21h)
Or Characterization methods for solid surfaces (21h)

**CM4014 – Nanoscience and nanotechnology:**
Introduction to nanotechnologies (16h)
Surfaces and interfaces (16h)
Elaboration of nanomaterials/ Physical methods (16h)

**CM4031 – Asymmetric synthesis**
Fine organic chemistry (21h)
Synthesis of macrocycles (10.5h)

**CM4033 – Metal-mediated reaction**
Molecular catalysis (10.5h)
Radical chemistry (10.5h)
Heterocyclic chemistry (10.5h)

**CM4034 – Natural product synthesis**
Natural product biosynthesis (10.5h)
Fine organic chemistry (21h)

**CM4051 – Advanced bioorganic chemistry**
Bioorganic chemistry (12h)
Receptors and ligands (12h)
Sugar chemistry (12h)