

**Annotations of Doctoral Thesis Topics for Degree Course in
„Biomaterials and Biocomposites“
for the Academic Year 2017/2018**

Topic: Materials with controlled properties for bioapplications

Tutor: prof. Ing. Vladimír Sedlařík, Ph.D.

Consultant: MSc. Antonio Di Martino, Ph.D.

E-mail: sedlarik@cps.utb.cz

Annotation:

The PhD project is aimed at development of novel types materials for medical, pharmaceutical and cosmetic applications with controllable interactions with bioactive compounds. An involvement of the student into projects implemented at Centre of Polymer Systems is planned.

Requirements:

Knowledge of inorganic, organic and analytical chemistry and physics at the university level. Knowledge of the English language and/or potential to improvement. Basic manual and laboratory work skills. Ability to work independently.