

Annotation of Doctoral Thesis Topics for Degree Programme „Biomaterials and Biocomposites “

Topic: Analyses of the impact of materials and technologies on the environment.

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Annotation

The topic focuses on research in the area of environmental assessment of technologies and materials in terms of their life cycle, carbon footprint and similar metrics. The subject combines an approach to obtaining hard research data with systematic work with information that is available in database tools. Part of the study will be the involvement of the student in solved projects with a close connection to practice.

During the course of study, the student will become familiar with modern processing, analytical and computing techniques and will gain foreign experience. The content of the course is designed in such a way that the student can easily find employment in the industrial and academic spheres in the Czech Republic and abroad after graduation. The specific assignment will be defined on the basis of currently solved projects and preliminary agreement with the supervisor. The topic is also suitable for graduates of non-chemical fields.

Requirements for a student:

- Proactive approach to study and work.
- Willingness for professional and personal growth.
- University education in a field related to the topic of the dissertation.

We offer:

- Work in a top-class equipped workplace.
- Close connection with practice.
- The possibility of gaining experience abroad.
- Involvement in solved projects and appropriate financial evaluation.
- Scholarship.
- A fair and transparent approach.
- The possibility of developing creative potential in the field.