



LITHUANIA BUSINESS COLLEGE

DESCRIPTION OF STUDY MODULE (FOR ERASMUS+)

DATABASES

Volume of subject	6.0 ECTS
Lecturer in charge	assoc. prof. dr. Aleksas Narščius
Annotation	<p>This course focuses to data bases theoretical elements, projection and programming realization principles, data bases models, data normalization and normal forms. Also to the possibilities with data bases management systems (DBVS) usage with tables and request with various SQL syntax forms.</p> <p>After the course students:</p> <ul style="list-style-type: none"> ✓ will be able to form and use PHP instructions and links to data bases manipulate the data. ✓ will be able to create SQL instructions, create a request according to the user needs. ✓ will be able to create a data bases for various user groups, which are able to save and store necessary data.
Topics	<ul style="list-style-type: none"> • Definition of data bases technology aspects and informational value. • Data bases architecture and creation cycle with various levels. • Data bases conceptional projecting, including the connection models. • PHP programming usage in creation of data bases. • Relational data bases and MySQL users. • Importing the big data bases.
Procedure for assessment of knowledge and competences	<ul style="list-style-type: none"> ✓ 25 percent – individual work; ✓ 15 percent – control work; ✓ 60 percent – final exam.