



## Final project proposal

<b>Type</b>	Undergraduate/Master
<b>Title</b>	<i>Cryptographic properties of quasigroups and their practical applications</i>
<b>Supervisor</b>	Assis. Prof. Vesna Dimitova, PhD
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<b>Department / Group</b>	
FCSE	
<b>Topic(s)</b>	
Quasigroups, Cryptographic properties of quasigroups, Design of some cryptographic primitives based on quasigroups	
<b>Project can start from</b>	01.09.2014 – 01.01.2015
<b>Project duration</b>	4 months
<b>Short description</b>	
In this project will be studied the mathematical properties and theory of quasigroups and their suitability in cryptography. Also, will be implemented some practical cryptographic applications.	
<b>Results and assessment</b>	
Written report, presentation, and application.	
<b>Other (additional) information</b>	