

BSc in ENGINEERING MANAGEMENT - UniPG - STUDY PLAN*

1st YEAR	
<i>Course</i>	<i>ECTS</i>
MATHEMATICS I AND GEOMETRY	12
MATHEMATICS II AND STATISTICS	12
MANUFACTURING ENGINEERING AND TECHNOLOGY	8
FUNDAMENTALS OF COMPUTER SCIENCE	12
PHYSICS	12

2nd YEAR	
<i>Course</i>	<i>ECTS</i>
SYSTEMS ENGINEERING	6
ENGINEERING ECONOMY	6
STRATEGIC BUSINESS MANAGEMENT	8
MATHEMATICAL METHODS FOR ENGINEERING MANAGEMENT	6
ENERGY MANAGEMENT	12
FACILITY PLANNING AND DESIGN	12
CONTROL SYSTEMS	8
SYSTEM MECHANICS	6

3rd YEAR	
<i>Course</i>	<i>ECTS</i>
PRODUCT DESIGN	10
INDUSTRIAL AUTOMATION, PRODUCTION SYSTEMS AND COMPUTER INTEGRATED MANUFACTURING	6
PRODUCTION PLANNING	8
Choose one from Group A	6
Choose one from Group B	6
Choose one from Group C	6
FREE CHOICE	12
PROJECT WORK	3
INTERNSHIP	3
Group A	
BUSINESS LAW	6
ORGANIZATIONAL AND WORK SOCIOLOGY	
Group B	
INTRODUCTION TO DATA ANALYSIS AND MODELING	6
QUALITY MANAGEMENT	
Group C	
POLITICAL ECONOMY	6
INDUSTRIAL ECONOMICS	

*See the university website for more details