

## School of Engineering and Management

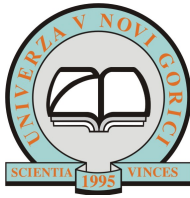
Glavni trg 8, SI-5271 Vipava, phone.: 00386 05/620 58 30, e-mail: info.ptf@ung.si

### COURSES AVAILABLE FOR EXCHANGE STUDENTS IN 2019/2020\*

#### ENGINEERING AND MANAGEMENT, FIRST LEVEL STUDY PROGRAMME

Courses	ECTS	Lectures (hours)	Tutorials (hours)	Semester
TECHNICAL MATHEMATICS	7	60	30	1
TECHNICAL PHYSICS	10	60	45	1 and 2
ENGINEERING CHEMISTRY	7	60	15	1
DIGITAL RESOURCE AND DOCUMENT MANAGEMENT	4	15	30	1
BASICS OF INFORMATION AND COMMUNICATION TECHNOLOGIES	4	30	15	2
BUSINESS MATHEMATICS	4	30	15	2
ECONOMICS AND ORGANIZATION OF THE ENTERPRISE	10	75	45	1 and 2
MARKETING STRATEGIES, WEB AND NEW MEDIA	7	45	45	1 and 2
WEB TECHNOLOGIES	5	30	30	2
POWER ENGINEERING AND ENVIRONMENT	6	45	15	1
MANUFACTURING SYSTEMS	6	45	15	1
INTRODUCTION TO CONTROL SYSTEMS	10	75	45	1
BUSINESS INFORMATION SYSTEMS	7	60	30	2
ENTREPRENEURSHIP SEMINAR	6	45	15	1
COMPUTER PROGRAMMING	6	30	30	1
INFORMATION SECURITY	6	45	15	1

\*While some courses will be taught in English, some will be bilingual (English and Slovenian) and/or support with study materials and consultations in English will be provided. All exams will be in English for exchange students. We might change the semester or the availability of certain courses if the situation requires.



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### **COURSES AVAILABLE FOR EXCHANGE STUDENTS IN 2019/2020\***

#### **ENGINEERING AND MANAGEMENT, SECOND LEVEL STUDY PROGRAMME**

<b>Courses</b>	<b>ECTS</b>	<b>Contact hours</b>	<b>Semester</b>
INTRODUCTION TO MODERN TECHNOLOGICAL SYSTEMS	12	60	1
SELECTED TOPICS IN APPLIED MATHEMATICS	6	45	1
PROJECT 1 (TEAM PROJECT)	9	15	1 and 2
SELECTED TOPICS FROM INFORMATION SCIENCES	9	45	1
PROJECT 2 - INDIVIDUAL RESEARCH WORK	6	15	1 and 2
AUTOMATIC CONTROL SYSTEMS	9	45	2
OPTIMIZATION OF RESOURCES AND PROCESSES	9	45	2
OPEN SOURCE INFORMATION SYSTEMS	9	45	2
ECONOMY FOR ENGINEERS	12	60	2
DATA MINING	6	30	2
BUSINESS ENGLISH	6	30	2

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