

JOHN VON NEUMANN UNIVERSITY  
KECSKEMÉT, HUNGARY  
FACULTY OF ECONOMICS AND BUSINESS  
COURSE CATALOGUE FOR INTERNATIONAL STUDENTS  
ACADEMIC YEAR: 2024/2025 Fall semester

Course unit	Semester	ECTS	Department
Business mathematics I.	1st	5	GAMF Department of Basic Sciences
Business Informatics	1st	2	Department of Management and Business Law
Economics I.	1st	5	GEO Centre
Business economics	1st	5	Department of Management and Business Law
Business law I.	1st	5	Department of Management and Business Law
Basics of Management I.	1st	3	Department of Management and Business Law
Finance	1st	3	Department of Account and Finance
Business English Course	1st	2	Language Centre

## COURSE DESCRIPTIONS

### **Business mathematics I.**

#### **Main topics of the course:**

The course covers the main areas of business calculus, such as series and functions, limits, differentiation and integration. The course is practically oriented, the content is focused in applications. The students familiarize themselves with the corresponding knowledge in applied calculus, such as economic modeling, compound interest and continuous compounding, elasticity, Gini-coefficient, etc.

### **Business Informatics**

#### **Main topics of the course:**

The lecture Business Informatics has two major parts: i) After the short hitting up about basics of Artificial Intelligence the first part of the semester deals with basics of informatics: definition and measurement of the information amount, definition of informatics (IT) and business informatics; Roles and functions of an operation system on a computer; Review of basic functions of text processing, presentation preparation and table handling. Finally, two topics, database management, usage and IT networks close the first part. ii) The second part of the semester deals with IT management: IT project management, IT business specification preparation; Management of an IT department on ITIL basis; Finally, functions and roles of ERP systems and their Total Cost of Ownership will close the semester.

### **Economics I.**

#### **Main topics of the course:**

The aim of this course is to help students to understand global, regional and national economic policy processes by introducing the economic and economic statistics categories necessary to understand these processes. The course will discuss economic concepts in their historical context. Particular attention will be paid to the cultural and psychological contexts that explain the behaviour of economic agents.

### **Business economics**

#### **Main topics of the course:**

Main topics of the course: The aim of the course-unit is to provide an overview of how profit-making and customer oriented organizations operate to employ their scarce resources for business success. In addition to providing basic lexical and conceptual knowledge, it is also intended to help students develop some fundamental analytical skills. Further aim is to provide a base for latter studies both at Mayor by understanding every-day operations of companies.

## **Business law I.**

### **Main topics of the course:**

Among the general foundations of business law, the subject particularly concerns the following issues: the relationship between economy and law, legal foundations, the legal norm, legislation, legal sources, jurisprudence-law application and the public law-private law system. Concerning business regulations, the subject deals with legal foundations of property, contracts, general contractual background of the operation of business enterprises, contractual liability structures, secondary obligations that ensure the main obligation, defective performance, warranty cases, company forms, company establishment, operation and sole proprietorship.

## **Basics of Management I.**

### **Main topics of the course:**

The purpose of the course is for the participants to gain knowledge about organizational functioning in the basic units of the economy. Systematically familiarize yourself with the organizational characteristics of human work and the behavior of managers and subordinates, the characteristics of the groups in the work environment, as well as the rules for forming the organization as a whole. When explaining the individual parts, we examine applicable management methods and examine their effects.

## **Finance**

### **Main topics of the course:**

The aim of the course is to enhance students' economic knowledge of the structure, operation and management of the monetary system. The course will provide students with the theoretical knowledge necessary to acquire the most important concepts and skills related to the role of money, the foundations of monetary theory, financial instruments and the financial intermediation system.

## **Business English Course**

### **Main topics of the course:**

The language courses are held in English, with a targeted business language approach. The courses introduce the written and spoken business English terms. The course improves business English vocabulary and the abilities to communicate in a multinational corporate environment.