



**ENDORSED:** .....

**Rector of EPU: Prof. Marin Marinov, PhD**

**Educational Degree**

**«MASTER»**

Form of Training: *Full-time, Half-time, Distance*

Term of Training: *1 Academic Years (3 Semesters)*

**Professional Field**

**4.6. COMPUTER SCIENCES**

**ACADEMIC CURRICULUM**

**PROGRAM:**

**«MANAGEMENT OF INFORMATION TECHNOLOGIES»**

**2020**

## I. TIME SCHEDULE

| Year | Auditoria Workload | Examination Sessions | Practical Training | Industrial/Field Placement | Practice | Work on Diploma Thesis | Vacations | Total (Number of Weeks) |
|------|--------------------|----------------------|--------------------|----------------------------|----------|------------------------|-----------|-------------------------|
| I    | 600 hours          | 2                    | -                  | 1                          | -        | 12 weeks               | 2         | 52                      |

## II. CURRICULUM

ECTS code: **(ITM)Tno**

- **ITM**– “Management of Information Technologies“
- **T** – type of degree: **B** - “Bachelor”, **M** - “Master”;
- **No** – serial number of the course;

Lectures (L), Seminar Exercises (SE), Lab Exercises (LE), Practical Training/Fieldwork (PT), Auditoria Workload (total) (AT), Self-Study (SS) per week Exam (E), Continuous Assessment (CA); Project Work (PW), Course Work (CW)/Course Tasks (CT)

### СЕМЕСТЪР I

| №           | Course                                                                    | Weekly Workload |           |          |          |           |           |           | Assessment |          |          |          | Code    | ECTS      |
|-------------|---------------------------------------------------------------------------|-----------------|-----------|----------|----------|-----------|-----------|-----------|------------|----------|----------|----------|---------|-----------|
|             |                                                                           | L               | SE        | LE       | PT       | AT        | SS        | total     | E          | CA       | CW       | CT       |         |           |
| 1           | Principles of Management                                                  | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM101 | 6         |
| 2           | Organizational behavior and leadership                                    | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM102 | 6         |
| 3           | Strategy and organization                                                 | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM103 | 6         |
| 4           | Fourth Industrial Revolution Technological and Institutional Fundamentals | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM104 | 6         |
| 5           | Fourth Industrial Revolution Legal Fundamentals                           | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM105 | 6         |
| <b>Общо</b> |                                                                           | <b>10</b>       | <b>10</b> | <b>-</b> | <b>-</b> | <b>20</b> | <b>30</b> | <b>50</b> | <b>5</b>   | <b>0</b> | <b>0</b> | <b>0</b> |         | <b>30</b> |

### SEMESTER II

| №           | Course                                       | Weekly Workload |           |          |          |           |           |           | Assessment |          |          |          | Code    | ECTS      |
|-------------|----------------------------------------------|-----------------|-----------|----------|----------|-----------|-----------|-----------|------------|----------|----------|----------|---------|-----------|
|             |                                              | L               | SE        | LE       | PT       | AT        | SS        | total     | E          | CA       | CW       | CT       |         |           |
| 6           | Computer Security                            | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM206 | 6         |
| 7           | Financial Modelling and Analysis of Projects | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM207 | 6         |
| 8           | Risk Assessment and Management Decisions     | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM208 | 6         |
| 9           | Corporate Governance                         | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM209 | 6         |
| 10          | Logistics and Supply Chain Management        | 2               | 2         | -        | -        | 4         | 6         | 10        | 1          | 0        | 0        | 0        | ITMM210 | 6         |
| <b>Общо</b> |                                              | <b>10</b>       | <b>10</b> | <b>-</b> | <b>-</b> | <b>20</b> | <b>30</b> | <b>50</b> | <b>5</b>   | <b>0</b> | <b>0</b> | <b>0</b> |         | <b>30</b> |

### SEMESTER III

| №           | Course           | Weekly Workload |          |          |          |          |           |           | Assessment |          |          |          | Code   | ECTS      |
|-------------|------------------|-----------------|----------|----------|----------|----------|-----------|-----------|------------|----------|----------|----------|--------|-----------|
|             |                  | L               | SE       | LE       | PT       | AT       | SS        | total     | E          | CA       | CW       | CT       |        |           |
| 11          | Research Project | 0               | 0        | 0        | -        | 0        | 25        | 25        | 0          | 0        | 1        | 0        | ISM311 | 5         |
| 12          | Diploma Thesis   | 0               | 0        | 0        | -        | 0        | 50        | 50        | 0          | 0        | 1        | 0        | ISM312 | 15        |
| <b>Общо</b> |                  | <b>0</b>        | <b>0</b> | <b>0</b> | <b>-</b> | <b>0</b> | <b>75</b> | <b>75</b> | <b>0</b>   | <b>0</b> | <b>2</b> | <b>0</b> |        | <b>20</b> |

**Notes:**

- Semester III is conditional and comprises research project, followed by diploma thesis preparation /it is assumed that the results of the research project will be part of the diploma thesis/

### III. BASIC PARAMETERS OF THE CURRICULUM

| Semester     | Weekly Workload |           |          |          |           |            |            | Semester Workload |          |            |          | Assessment |          |          |          |
|--------------|-----------------|-----------|----------|----------|-----------|------------|------------|-------------------|----------|------------|----------|------------|----------|----------|----------|
|              | L               | SE        | LE       | PT       | AT        | SS         | total      | L                 | SE       | LE         | PT       | E          | CA       | CW       | CT       |
| I            | 10              | 10        | 0        | -        | 20        | 30         | 50         | 150               | -        | 150        | -        | 5          | 0        | 0        | 0        |
| II           | 10              | 10        | 0        | -        | 20        | 30         | 50         | 150               | -        | 150        | -        | 5          | 0        | 0        | 0        |
| III          | 0               | 0         | 0        | -        | 0         | 75         | 75         | -                 | -        | -          | -        | 0          | 0        | 2        | 0        |
| <b>Total</b> | <b>20</b>       | <b>20</b> | <b>0</b> | <b>-</b> | <b>40</b> | <b>135</b> | <b>175</b> | <b>300</b>        | <b>-</b> | <b>600</b> | <b>-</b> | <b>10</b>  | <b>0</b> | <b>2</b> | <b>0</b> |

1. Term of study – **1** Years, **3** Semesters
2. Auditoria Workload
  - 2.1 Total – **600** Hours
  - 2.2 Lectures – **300** Hours
  - 2.3 Seminar Exercises – **300** Hours
  - 2.4 Lab Exercises – **0** Hours
3. Total number of courses – **12**
  - 3.1 Compulsory – **10**
  - 3.2 Course Project – **1**
  - 3.3 Diploma Thesis – **1**
4. Assessment
  - 4.1 Exams – **10**
  - 4.2 Project/Diploma Works – **2**
5. Credits ECTS - **80**

Head of the Program: .....

(Prof DSc Georgui Chobanov )