



Ratified by:

Rector of TU-Varna: .....

/ Prof. ScD Vasilev R. /

## CURRICULUM

Professional orientation: **Communications and Computer Engineering**

Program: **Computing**

Professional qualification: **Computer Engineer**

Educational and qualifical degree: **Bachelor**

Form of study: **Full - Time**

Term of study: **4 years / 8 semesters**

| No                               | Subject Name                                   | Types of term control |          |    |          | Semester auditorium load |           |            |        |            | Unsupervised load | Total work hours | ECTS credits |
|----------------------------------|------------------------------------------------|-----------------------|----------|----|----------|--------------------------|-----------|------------|--------|------------|-------------------|------------------|--------------|
|                                  |                                                | E                     | PA       | CP | A        | L                        | S         | L          | CP CPR | Total      |                   |                  |              |
| 1                                | 2                                              | 3                     | 4        | 5  | 6        | 7                        | 8         | 9          | 10     | 11         | 12                | 13               | 14           |
| 1                                | Basic Mathematics for Engineering              | 1                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 2                                | Computer Systems Fundamentals                  | 1                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 3                                | Programming Fundamentals                       | 1                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 4                                | Electrical Engineering                         | 1                     |          |    |          | 30                       |           | 30         |        | 165        | 105               | 270              | 6            |
| 5                                | English                                        |                       |          |    | 1        |                          | 30        |            |        | 60         | 30                | 90               | 2            |
| 6                                | Optional Subject                               |                       |          |    | 1        |                          |           |            |        | 30         | 30                | 60               | 1            |
| 6a                               | Specialized Sport Activities, part 1           |                       |          |    | 1        |                          |           |            |        |            | 30                | 30               | 1            |
| 66                               | Sport and Social Adaptation, part 1            |                       |          |    | 1        |                          |           |            |        |            | 30                | 30               | 1            |
| <b>Total for the 1 semestar:</b> |                                                | <b>4</b>              |          |    | <b>2</b> | <b>120</b>               | <b>30</b> | <b>120</b> |        | <b>795</b> | <b>525</b>        | <b>1320</b>      | <b>30</b>    |
| 7                                | Mathematics for Computing                      | 2                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 8                                | Algorithms and Data Structures                 | 2                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 9                                | Analysis and Synthesis of Digital Logic        | 2                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 10                               | Computer Electronics                           | 2                     |          |    |          | 30                       |           | 30         |        | 135        | 75                | 210              | 5            |
| 11                               | Practical Training, part 1                     |                       |          |    | 2        |                          |           |            |        | 30         | 30                | 60               | 1            |
| 12                               | Optional Subject                               |                       |          |    | 2        |                          |           |            |        | 30         | 30                | 60               | 1            |
| 12a                              | Specialized Sport Activities, part 2           |                       |          |    | 2        |                          |           |            |        |            | 30                | 30               | 1            |
| 126                              | Sport and Social Adaptation, part 2            |                       |          |    | 2        |                          |           |            |        |            | 30                | 30               | 1            |
| <b>Total for the 2 semestar:</b> |                                                | <b>4</b>              |          |    | <b>2</b> | <b>120</b>               |           | <b>120</b> |        | <b>735</b> | <b>495</b>        | <b>1230</b>      | <b>28</b>    |
| 13                               | Discrete Structures                            | 3                     |          |    |          | 30                       | 30        |            |        | 135        | 75                | 210              | 5            |
| 14                               | Electronics Measurement                        | 3                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 15                               | Object-Oriented Programming Fundamentals (C++) | 3                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 16                               | Web Design                                     |                       | 3        |    |          | 15                       |           | 30         |        | 135        | 90                | 225              | 5            |
| 17                               | Computer Organization                          | 3                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |
| 18                               | Practical Training, part 2                     |                       |          |    | 3        |                          |           |            |        | 30         | 30                | 60               | 1            |
| 19                               | Optional Subject                               |                       |          |    | 3        |                          |           |            |        | 30         | 30                | 60               | 1            |
| 19a                              | Specialized Sport Activities, part 3           |                       |          |    | 3        |                          |           |            |        |            | 30                | 30               | 1            |
| 196                              | Sports Management, part 1                      |                       |          |    | 3        |                          |           |            |        |            | 30                | 30               | 1            |
| <b>Total for the 3 semestar:</b> |                                                | <b>4</b>              | <b>1</b> |    | <b>2</b> | <b>135</b>               | <b>30</b> | <b>120</b> |        | <b>870</b> | <b>585</b>        | <b>1455</b>      | <b>33</b>    |
| 20                               | Advanced Object-Oriented Programming (Java)    | 4                     |          |    |          | 30                       |           | 30         |        | 180        | 120               | 300              | 7            |

| No                                | Subject Name                                            | Types of term control |          |          |          | Semester auditorium load |   |            |           |            | Unsupervised load | Total work hours | ECTS credits |
|-----------------------------------|---------------------------------------------------------|-----------------------|----------|----------|----------|--------------------------|---|------------|-----------|------------|-------------------|------------------|--------------|
|                                   |                                                         | E                     | PA       | CP       | A        | L                        | S | L          | CP CPR    | Total      |                   |                  |              |
| 1                                 | 2                                                       | 3                     | 4        | 5        | 6        | 7                        | 8 | 9          | 10        | 11         | 12                | 13               | 14           |
| 21                                | System Analysis                                         | 4                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 22                                | Microprocessors                                         | 4                     |          |          |          | 30                       |   | 30         |           | 135        | 75                | 210              | 5            |
| 23                                | Programming Systems                                     | 4                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 24                                | Digital Systems                                         |                       | 4        |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 25                                | Optional Subject                                        |                       |          | 4        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 25a                               | Object-Oriented Programming Fundamentals (C++), project |                       |          | 4        |          |                          |   | 30         |           | 30         | 30                | 60               | 2            |
| 25б                               | WEB Design, project                                     |                       |          | 4        |          |                          |   | 30         |           | 30         | 30                | 60               | 2            |
| 25B                               | Computer Organization, project                          |                       |          | 4        |          |                          |   | 30         |           | 30         | 30                | 60               | 2            |
| 25r                               | Discrete Structures, project                            |                       |          | 4        |          |                          |   | 30         |           | 30         | 30                | 60               | 2            |
| 25д                               | Computer Electronics, project                           |                       |          | 4        |          |                          |   | 30         |           | 30         | 30                | 60               | 2            |
| 26                                | Optional Subject                                        |                       |          |          | 4        |                          |   |            |           | 30         | 30                | 60               | 1            |
| 26a                               | Specialized Sport Activities, part 4                    |                       |          |          | 4        |                          |   |            |           |            | 30                | 30               | 1            |
| 26б                               | Sports Management, part 2                               |                       |          |          | 4        |                          |   |            |           |            | 30                | 30               | 1            |
| <b>Total for the 4 semestars:</b> |                                                         | <b>4</b>              | <b>1</b> | <b>1</b> | <b>1</b> | <b>150</b>               |   | <b>150</b> | <b>30</b> | <b>870</b> | <b>570</b>        | <b>1440</b>      | <b>33</b>    |
| 27                                | Graphics and Visual Computing                           | 5                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 28                                | Software Engineering                                    |                       | 5        |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 29                                | Data Bases                                              | 5                     |          |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 30                                | Computer Architectures                                  | 5                     |          |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 31                                | Computer Communications Fundamentals                    | 5                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 32                                | Optional Subject                                        |                       |          | 5        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 32a                               | Advanced Object-Oriented Programming (Java), project    |                       |          | 5        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 32б                               | Microprocessors, project                                |                       |          | 5        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 32B                               | Programming Systems, project                            |                       |          | 5        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 32r                               | Digital Systems, project                                |                       |          | 5        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 32д                               | System Analysis, project                                |                       |          | 5        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| <b>Total for the 5 semestars:</b> |                                                         | <b>4</b>              | <b>1</b> | <b>1</b> |          | <b>150</b>               |   | <b>150</b> | <b>30</b> | <b>900</b> | <b>600</b>        | <b>1500</b>      | <b>35</b>    |
| 33                                | Internet Programming Technologies                       | 6                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 34                                | Microprocessor Systems                                  | 6                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 35                                | Computer Networks                                       |                       | 6        |          |          | 30                       |   | 30         |           | 135        | 75                | 210              | 5            |
| 36                                | Computer Peripherals                                    | 6                     |          |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 37                                | Operating Systems                                       | 6                     |          |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 38                                | Specialized Practice                                    |                       |          |          | 6        |                          |   |            |           | 150        | 150               | 300              | 5            |
| 39                                | Optional Subject                                        |                       |          | 6        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 39a                               | Software Engineering, project                           |                       |          | 6        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 39б                               | Data Bases, project                                     |                       |          | 6        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 39B                               | Computer Architectures, project                         |                       |          | 6        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 39r                               | Computer Communications Fundamentals, project           |                       |          | 6        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 39д                               | Graphics and Visual Computing, project                  |                       |          | 6        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| <b>Total for the 6 semestars:</b> |                                                         | <b>4</b>              | <b>1</b> | <b>1</b> | <b>1</b> | <b>150</b>               |   | <b>150</b> | <b>30</b> | <b>990</b> | <b>690</b>        | <b>1680</b>      | <b>37</b>    |
| 40                                | Optional Subject                                        | 7                     |          |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 40a                               | Compilers and Interpreters                              | 7                     |          |          |          | 30                       |   | 30         |           | 60         | 120               | 180              | 7            |
| 40б                               | Multi-User Operating Systems                            | 7                     |          |          |          | 30                       |   | 30         |           | 60         | 120               | 180              | 7            |
| 41                                | Networks Administration                                 | 7                     |          |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 42                                | Embedded Systems                                        | 7                     |          |          |          | 30                       |   | 30         |           | 180        | 120               | 300              | 7            |
| 43                                | Optional Subject                                        | 7                     |          |          |          | 15                       |   | 30         |           | 135        | 90                | 225              | 5            |
| 43a                               | Web Programming                                         | 7                     |          |          |          | 15                       |   | 30         |           | 45         | 90                | 135              | 5            |

| No                                | Subject Name                               | Types of term control |    |          |          | Semester auditorium load |   |            |           |            | Unsupervised load | Total work hours | ECTS credits |
|-----------------------------------|--------------------------------------------|-----------------------|----|----------|----------|--------------------------|---|------------|-----------|------------|-------------------|------------------|--------------|
|                                   |                                            | E                     | PA | CP       | A        | L                        | S | L          | CP CPR    | Total      |                   |                  |              |
| 1                                 | 2                                          | 3                     | 4  | 5        | 6        | 7                        | 8 | 9          | 10        | 11         | 12                | 13               | 14           |
| 436                               | Human Computer Interaction                 | 7                     |    |          |          | 15                       |   | 30         |           | 45         | 90                | 135              | 5            |
| 44                                | Practical Training, part 3                 |                       |    |          | 7        |                          |   |            |           | 60         | 60                | 120              | 2            |
| 45                                | Optional Subject                           |                       |    | 7        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 45a                               | Internet Programming Technologies, project |                       |    | 7        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 456                               | Microprocessor Systems, project            |                       |    | 7        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 45B                               | Computer Networks, project                 |                       |    | 7        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 45Г                               | Computer Peripherals, project              |                       |    | 7        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| 45Д                               | Operating Systems, project                 |                       |    | 7        |          |                          |   |            | 30        | 30         | 30                | 60               | 2            |
| <b>Total for the 7 semestars:</b> |                                            | <b>4</b>              |    | <b>1</b> | <b>1</b> | <b>105</b>               |   | <b>120</b> | <b>30</b> | <b>765</b> | <b>540</b>        | <b>1305</b>      | <b>30</b>    |
| 46                                | Optional Subject                           | 8                     |    |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 46.a                              | Distributed Programming                    | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.6                              | Office Systems                             | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.B                              | Artificial Intelligence                    | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.Г                              | Cryptography and Data Protection           | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.Д                              | Economics and Management                   | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.e                              | Programming Languages Semantics            | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.Ж                              | Programmable Logic Design                  | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.3                              | Multimedia Systems and Technologies        | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.и                              | Real Time Systems                          | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.й                              | Object-Oriented Applications               | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.к                              | E-commerce                                 | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.л                              | Business Intelligence Systems              | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.м                              | Computer and Network Security              | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.н                              | Programming for Mobile Devices             | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 46.o                              | Embedded Microcontrollers                  | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47                                | Optional Subject                           | 8                     |    |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 47.a                              | Distributed Programming                    | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.6                              | Office Systems                             | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.B                              | Artificial Intelligence                    | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.Г                              | Cryptography and Data Protection           | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.Д                              | Economics and Management                   | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.e                              | Programming Languages Semantics            | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.Ж                              | Programmable Logic Design                  | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.3                              | Multimedia Systems and Technologies        | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.и                              | Real Time Systems                          | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.й                              | Object-Oriented Applications               | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.к                              | E-commerce                                 | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.л                              | Business Intelligence Systems              | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.м                              | Computer and Network Security              | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.н                              | Programming for Mobile Devices             | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 47.o                              | Embedded Microcontrollers                  | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 48                                | Optional Subject                           | 8                     |    |          |          | 30                       |   | 30         |           | 165        | 105               | 270              | 6            |
| 48.a                              | Distributed Programming                    | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 48.6                              | Office Systems                             | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 48.B                              | Artificial Intelligence                    | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |
| 48.Г                              | Cryptography and Data Protection           | 8                     |    |          |          | 30                       |   | 30         |           | 60         | 105               | 165              | 6            |

| No                                         | Subject Name                        | Types of term control |          |          |          | Semester auditorium load |           |             |            |             | Unsuper<br>vised<br>load | Total<br>work<br>hours | ECTS<br>credits |
|--------------------------------------------|-------------------------------------|-----------------------|----------|----------|----------|--------------------------|-----------|-------------|------------|-------------|--------------------------|------------------------|-----------------|
|                                            |                                     | E                     | PA       | CP       | A        | L                        | S         | L           | CP<br>CPR  | Total       |                          |                        |                 |
| 1                                          | 2                                   | 3                     | 4        | 5        | 6        | 7                        | 8         | 9           | 10         | 11          | 12                       | 13                     | 14              |
| 48.д                                       | Economics and Management            | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.е                                       | Programming Languages Semantics     | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.ж                                       | Programmable Logic Design           | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.з                                       | Multimedia Systems and Technologies | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.и                                       | Real Time Systems                   | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.й                                       | Object-Oriented Applications        | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.к                                       | E-commerce                          | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.л                                       | Business Intelligence Systems       | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.м                                       | Computer and Network Security       | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.н                                       | Programming for Mobile Devices      | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 48.о                                       | Embedded Microcontrollers           | 8                     |          |          |          | 30                       |           | 30          |            | 60          | 105                      | 165                    | 6               |
| 49                                         | Preliminary Graduation Work         |                       |          | 8        |          |                          |           |             | 30         | 30          | 30                       | 60                     | 2               |
| <b>Total for the 8 semestars:</b>          |                                     | <b>3</b>              |          | <b>1</b> |          | <b>90</b>                |           | <b>90</b>   | <b>30</b>  | <b>525</b>  | <b>345</b>               | <b>870</b>             | <b>20</b>       |
| <b>Total for all courses of education:</b> |                                     | <b>31</b>             | <b>4</b> | <b>5</b> | <b>9</b> | <b>1020</b>              | <b>60</b> | <b>1020</b> | <b>150</b> | <b>6450</b> | <b>4350</b>              | <b>10800</b>           | <b>246</b>      |

| Facultative subjects |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|----------------------|--------------|-----------------------|----|----|---|--------------------------------|---|---|-----------|-------|--------------------------|------------------------|-----------------|
| No                   | Subject Name | Types of term control |    |    |   | Semester auditorium load incl: |   |   |           |       | Unsuper<br>vised<br>load | Total<br>work<br>hours | ECTS<br>credits |
|                      |              | E                     | PA | CP | A | L                              | S | L | CP<br>CPR | Total |                          |                        |                 |
| 1                    | 2            | 3                     | 4  | 5  | 6 | 7                              | 8 | 9 | 10        | 11    | 12                       | 13                     | 14              |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |
|                      |              |                       |    |    |   |                                |   |   |           |       |                          |                        |                 |

| Types of graduation                                               |  |  |  |  |  | Semester | Unsupervised load | ECTS credits |
|-------------------------------------------------------------------|--|--|--|--|--|----------|-------------------|--------------|
| Preparation of Diploma Thesis / Preparation for State Examination |  |  |  |  |  | 8        | 300               | 10           |
| Defence of Diploma Thesis / State Examination                     |  |  |  |  |  | 8        |                   |              |
|                                                                   |  |  |  |  |  |          |                   |              |
|                                                                   |  |  |  |  |  |          |                   |              |
|                                                                   |  |  |  |  |  |          |                   |              |

**Note:**  
The curriculum is valid for teaching in Bulgarian and English language.

**Accepted from AU with**  
 Protokol No 10 / 25.04.2016  
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**Valid for 2018 / 2019 r. academic year.**

Head of Department :
 

/ Assoc. Prof. PhD /

Dean of Faculty FCA:
 

/ Assoc. Prof. PhD Nikolov N. /