Faculty of Information Systems and Technologies:

1. **Artificial intelligence**
2. **Software engineering**

Plan of Study RPS FIST

I semester	II semester
A. Common subjects for all majors: 1. History of ideas 2. Research methodology 1 B. Common subjects at the major level: 3. Advanced programming 4. Engineering mathematics C. Subjects in subject modules: Artificial intelligence module 5. Data science and Big data 6. Digital transformation Software engineering module 5. Data science and Big data 6. Digital transformation 7. Architecture calc. sis. and operating systems D. Tribune of Postgraduate Studies	A. Common subjects for all majors: 1. Philosophy of globalization 2. Research methodology 2 B. Common subjects at the major level: 3. Advanced statistics 4. Data structures and algorithms C. Subjects in subject modules: Artificial intelligence module 5. Artificial intelligence and machine learning 6. Analysis and design of information systems Software engineering module 5. Software engineering 6. Artificial intelligence and machine learning D. Scientific Conference of Postgraduate Studies (all majors)
III semester	IV semester
A. Common subjects for all majors: 1. Philosophy of art 2. Research methodology 3	*MASTER THESIS*

B. Common subjects at the major level: 3. Parallel programming 4. Tools and methods of software engineering C. Subjects in subject modules: Artificial intelligence module 5. Advanced databases 6. Deep learning methods Software engineering module 4. Advanced databases 5. Deep learning methods D. Scientific Conference of Postgraduate Studies (all majors, mini theses)	

Contact person: Marija Orlandic

- Address: Oktoih 1 81000 Podgorica, Montenegro
- Telefon: +382 (0)20 410 720
- Fax: +382 (0)20 410 766
- E-mail: marija.orlandic@udg.edu.me; pe@udg.edu.me;