Seminar offer 2020/2021 Bachelor Studies Business Informatics			
Supervisor	**Seminar topics**	**Full-time studies**	**Part-time studies**
dr Artur Rot	1. Application of new information technologies in management/enterprises. 2. Cloud Computing: SaaS, IaaS, PaaS - applications, technologies, trends, case studies. 3. Virtualisation of IT infrastructure. 4. Cybersecurity - Cybersecurity management, vulnerabilities, threats, security attacks, methods of protections, cryptography, biometrics., phishing. 5. IT risk management. 6. Blockchain - technology, areas of applications, trends, cryptography algorithms, case studies. 7. IT project management. 8. Internet of Things: areas of applications (smart cities, smart home, smart buildings, smart vehicles, enterprises, benefits, threats, recommendations. 9. Industry 4.0 - technologies, components, challenges...	10	0
dr Ryszard Zygała	1. Data Science. 2. Integrated Information Systems. 3. IT Project Management. 4. Information Management.	2	0
dr Łukasz Łysik	1. Social media and it's application in business. 2. Mobile technology - marketing and communication aspect. 3. Consumer Journey. 4. Consumer Profiling. 5. Business Models. 6. Contemporary consumer – characteristics. 7. VR in contemporary marketing.	10	0
dr inż. Maciej Pondel	1. Big data analytics. 2. Business Intelligence applications. 3. Machine Learning related problems. 4. Software applications to support business processes. 5. Database modelling, design, implementation, and performance problems. 6. Cloud computing.	3	0
dr Andrzej Niesler	1. Business Process Management (BPM). Business Process Modeling, Optimization, and Automation. 2. Data Science for Business. Data Analytics. Big Data Infrastructure. Internet of Things. 3. Artificial Intelligence. Affectionate Computing. Hype-Personalization. 4. Fintech. Blockchain. Cryptocurrencies. Automated Trading Systems. High-Frequency Trading Systems. 5. Data Visualization. User Experience. User Interaction. 6. E-Learning. Intelligent Tutoring Systems. Meta-learning. Cognitive Systems. 7. Economic Freedom. Civil Rights and Liberties in Digital Society. Information Security. Personal Privacy.	2	0