BSC COURSES IN ENGLISH OFFERED FOR STUDENTS VISITING THE FACULTY OF INFORMATION TECHNOLOGY IN 2024-2025

Course code	Course name	Credit	Semester	Department	Prerequisites
VEMIMAB346MA	Mathematical analysis I	6	fall	Department of Mathematics	-
VEMKMA1143G	Linear Algebra	3	fall	Department of Mathematics	-
VEMIMAM143A	Mathematical Analysis for Engineers	3	fall	Department of Mathematics	Mathematical analysis Linear Algebra
VEMIMAM276N	Numerical Analysis	6	spring	Department of Mathematics	Mathematical analysis Linear Algebra
VEMIMAM143V	Probability Theory and Mathematical Statistics	3	spring	Department of Mathematics	-
VEMIVIB256SF	Computer Networks I	6	fall/spring	Department of Electrical Engineering and Information Systems	Fundamentals of Computer Technology
VEMIVIB256CF	Computer Security	6	fall	Department of Electrical Engineering and Information Systems	Computer Networks Operating Systems
VEMIVIB234VT	Virtualization technologies in practice	4	fall/spring	Department of Electrical Engineering and Information Systems	Operating Systems
VEMISAB244AV	Elements of the theory of digital computation	4	spring	Department of Computer Science and Systems Technology	Logical and Algabraic Foundation of Informatics
VEMIVIB336PP	Parallel Programming	6	spring	Department of Electrical Engineering and Information Systems	Computer Architecture, C programming, (optionally) Java programming, introductory Linear Algebra
VEMIVIB313FI	User interface design	3	spring	Department of Electrical Engineering and Information Systems	Programming Software Engineering

MSC COURSES IN ENGLISH OFFERED FOR STUDENTS VISITING THE FACULTY OF INFORMATION TECHNOLOGY IN 2023-2024

Course code	Course name	Credit	Semester	Department
VEMIMAM276N	Numerical Analysis	6	spring	Department of Mathematics
VEMIMAM143A	Mathematical Analysis for Engineers	3	fall	Department of Mathematics
VEMIMAM143V	Probability Theory and Mathematical Statistics	3	spring	Department of Mathematics
VEMIMAM176H	Advanced Operations Research	6	fall	Department of Mathematics
VEMISAM232F	Compilers	3	fall	Department of Computer Science and Systems Technology
VEMISAM153H	Process Synthesis and Optimization	4	spring	Department of Computer Science and Systems Technology
VEMISAM243A	Theory of Algorithms and Computational Complexity	4	spring	Department of Computer Science and Systems Technology
VEMIVIM142I	Artificial Intelligence	3	fall	Department of Computer Science and Systems Technology
VEMIVIM133T	Artificial Intelligence Laboratory	3	fall	Department of Computer Science and Systems Technology
VEMIVIM276D	Discrete and Continuous Dynamic Systems	6	spring	Department of Electrical Engineering and Information Systems
VEMIVIM246H	Advanced Database Management Systems	6	spring	Department of Electrical Engineering and Information Systems
VEMIVIM256F	Cloud Programming	6	spring	Department of Electrical Engineering and Information Systems
VEMIVIM176J	Digital Signal Processing	6	fall	Department of Electrical Engineering and Information Systems
VEMIVIM379R	Robotics and Machine Vision	9	spring	Department of Electrical Engineering and Information Systems
VEMIINM254F	Cloud Security	4	spring	Department of Electrical Engineering and Information Systems
VEMIVIM346I	Intelligent Control Systems	6	fall	Department of Electrical Engineering and Information Systems
VEMIVIM113I	Applied Information Theory for Engineers	3	fall	Department of Electrical Engineering and Information Systems
VEMIVIM156G	GPU Programming	6	fall	Department of Electrical Engineering and Information Systems