MSc COURSES IN ENGLISH OFFERED FOR STUDENTS VISITING THE

FACULTY OF INFORMATION TECHNOLOGY IN 2026-2027

Course code	Course name	Credit	Semester	Department
VEMIMAM276N	Numerical Analysis	6	spring	MAT*
VEMIMAM143A	Mathematical Analysis for Engineers	3	fall	MAT
VEMIMAM143V	Probability Theory and Mathematical Statistics	3	spring	MAT
VEMIMAM176H	Advanced Operations Research	6	fall	MAT
VEMISAM232F	Compilers	3	fall	RSZT*
VEMISAM153H	Process Synthesis and Optimization	4	spring	RSZT
VEMISAM243A	Theory of Algorithms and Computational Complexity	4	spring	RSZT
VEMIVIM276D	Discrete and Continuous Dynamic Systems	6	spring	VIRT*
VEMIVIM246H	Advanced Database Management Systems	6	spring	VIRT
VEMIVIM256F	Cloud Programming	6	spring	VIRT
VEMIVIM176J	Digital Signal Processing	6	fall	VIRT
VEMIVIM379R	Robotics and Machine Vision	9	spring	VIRT
VEMIINM254F	Cloud Security	4	spring	VIRT
VEMIVIM113I	Applied Information Theory for Engineers	3	fall	VIRT
VEMIVIM156G	GPU Programming	6	fall	VIRT

MAT= Department of Mathematics

VIRT = Department of Electrical Engineering and Information Systems

RSZT= Department of Computer Science and Systems Technology