

MANAGEMENT AND INFORMATICS - STUDY PLAN

COURSE	MANAGEMENT AND INFORMATICS									
Course Code/Ner	9168									
Degree or Diploma	1st Cycle - Bachelor									
Duration (in semesters)	6 Semesters									
Main Scientific Field	Management and Administration									
Director/Coordinator	José Filipe Figueiredo Lopes					Email: flopes@estgl.ipv.pt				
Admission Requirements	One of the following admission exams: (16) Mathematics or (04) Economics or (17) Mathematics Applied to Social Science									
CURRICULUM										
ECTS Code	Curriculum Unit	Scientific Field	Regime A/1S/2S	Type (Compulsory/Optative)	Work Load (hours)					ECTS Credits
					Total	Contact				
						T	TP	LP	TU	
1st YEAR										
1st Semester										
IPV.ESTGL.9168.101101	Principles of Accounting	AAT	Semestrial	Compulsory	189		75			7
IPV.ESTGL.9168.101102	Fundamentals of Law	HSS	Semestrial	Compulsory	135		45			5
IPV.ESTGL.9168.101103	Exploration Systems and Computer Applications	CS	Semestrial	Compulsory	162		30	30		6
IPV.ESTGL.9168.101104	Mathematical Methods	FC	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.101105	Business Organisation and Management	EMS	Semestrial	Compulsory	162		60			6
				Sub - Total	810					30
2st Semester										
IPV.ESTGL.9168.101206	Economics	EMS	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.101207	Business English	LAN	Semestrial	Compulsory	135		45			5
IPV.ESTGL.9168.101208	General Accounting	AAT	Semestrial	Compulsory	189		75			7
IPV.ESTGL.9168.101209	Systems Architecture	CS	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.101210	Introduction to Programming	CS	Semestrial	Compulsory	162		30	30		6
				Sub - Total	810					30

2nd YEAR										
1st Semester										
IPV.ESTGL.9168.102111	Cost Accounting	AAT	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.102112	Financial Analysis and Management	EMS	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.102113	Object-Oriented Programming	CS	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.102114	Systems Analysis and Conception	CS	Semestrial	Compulsory	162		30	30		6
IPV.ESTGL.9168.102115	Financial Accounting	AAT	Semestrial	Compulsory	162		60			6
				Sub - Total	810					30
2st Semester										
IPV.ESTGL.9168.102216	Probability and Statistics	FC	Semestrial	Compulsory	162		60		60	6
IPV.ESTGL.9168.102217	Budget Management	EMS	Semestrial	Compulsory	162		60		60	6
IPV.ESTGL.9168.102218	Advanced Programming Topics	CS	Semestrial	Compulsory	189		30	45	75	7
IPV.ESTGL.9168.102219	Optimimisation and Decision Models	FC	Semestrial	Compulsory	162		60		60	6
IPV.ESTGL.9168.102220	Marketing	EMS	Semestrial	Compulsory	135		45		45	5
				Sub - Total	810					30
3rd YEAR										
1st Semester										
IPV.ESTGL.9168.103121	Database Management Systems	CS	Semestrial	Compulsory	189		30	45		7
IPV.ESTGL.9168.103122	Corporate Laws	HSS	Semestrial	Compulsory	135		45			5
IPV.ESTGL.9168.103123	Software Project Management	CS	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.103124	CorporateTaxation	AAT	Semestrial	Compulsory	162		60			6
IPV.ESTGL.9168.103125	Planning and Management Control	EMS	Semestrial	Compulsory	162		60			6
				Sub - Total	810					30
2st Semester										
IPV.ESTGL.9168.103226	Ethics and Professional Deontology in Informatics	HSS	Semestrial	Compulsory	135		45			5
IPV.ESTGL.9168.103227	Human Resouces Management	HSS	Semestrial	Compulsory	135		45			5
IPV.ESTGL.9168.103228	Operations Management	EMS	Semestrial	Compulsory	135		45			5

IPV.ESTGL.9168.103229	Computer Systems Security and Auditing	CS	Semestrial	Compulsory	135		45			5
IPV.ESTGL.9168.103230	Project/ Traineeship	CS	Semestrial	Compulsory	270		30		90	10
					Sub - Total	810				30
					Total	4860				180

WORKLOAD - HOURS		SCIENTIFIC FIELDS	
T	Theoretical	LAN	Languages
TP	Theoretical/Practical	HSS	Human and Social Sciences
P	Practical	EMS	Economics and Management Sciences
LP	Lab Practice	FC	Fundamental Sciences
FW	Field Work	CS	Computer Sciences
S	Seminar	AAT	Accounting, Auditing and Taxation
PR	Project		
PL	Placement		
TU	Tutorials		
OT	Others		