

COURSE SELECTION ACADEMIC YEAR 2009-2010

Degree Programme in Business Management, Kokkola

Code	Name of the course	ECTS	1st year	2nd year	3rd year	4th year
Courses during the autumn semester 2009						
BKAC 103	Financial Accounting	4	4			
BKMK 107	Marketing	4	4			
BKMG 101	Entrepreneurship and the Legal Context of a New Business	4	4			
BKMG 102	Business Planning	4	4			
BKMA 101	Mathematics	3	3			
BKLG 203	Supply Chain Management	4		4		
BKAC 201	Financial Statement Analysis	3		3		
BKBL 204	Business Law	3		3		
BKMG 211	Customer Relationship Management (CRM)	3		3		
BKMG 202	Practices and Procedures of International Trade	3		3		
BKMK 310	Marketing Research	4			4	
BKMG 301	Green Business Practices	3			3	
BKAC 302	Enterprise Resource Planning System	3			3	
BKBL 301	International Trade Law	3			3	
BKEC 301	International Economics	3			3	
BKML 150	Finnish for Foreigners 1	3	3			
YYYY401	Swedish for Foreigners 1	3	3			
	Finnish Society and Culture	3				
	Getting Local and Global	3				
BKML 131	English Writing Skills	4	4			
BKML 132	Professionally Speaking	3	3			
BKML 332	Business Communication	3			3	
Courses during the spring semester 2010						
BKMG 103	Organisational Management	3	3			
BKEC 101	Economics	4	4			
BKMA 102	Statistical Methodology	3	3			
BKMK 106	Intercultural Competence	3	3			
BKMG 115	Strategic Management	3	3			
BKMG 105	Operations Management	3	3			
BKAC 104	Management Accounting	4	4			
BKMG 302	Developing the Business towards a Learning Organisation	5			5	
BKMG 303	Doing Business in Asia & the Pacific	3			3	
BKMG 305	Doing Business in the Nordic Region	3			3	
BKMG 306	Doing Business in Europe	4			4	
BKML 150	Finnish for Foreigners 1	3	3			
BKML 151	Finnish for Foreigners 2 (for those who stay for the whole Acad	3	3			
YYYY401	Swedish for Foreigners 1	3	3			
YYYY402	Swedish for Foreigners 2 (for those who stay for the whole Acad	3		3		
	Finnish Society and Culture	3				
	Getting Local and Global	3				

Degree Programme in Chemistry and Technology, Kokkola

Code	Name of the course	ECTS	1st year	2nd year	3rd year	4th year
TKCC010	Basic Course in Statistics	2			2	
TKCC011	Algebra	5	5			
TKCC012	Geometry and Trigonometry	4	4			
TKCC013	Differential Calculus	3		3		
TKCC014	Integral Calculus	3		3		
TKCC015	Matrices and Numerical Methods	3			3	
TKCC020	Basic Course in Physics	5	5			
TKCC021	Electrophysics	3		3		
TKCC022	Wave Motion and Quantum Physics	2			2	
TKCC023	Laboratory Practices in Physics	2		2		
TKCC031	Communication Skills	3	3			
TKCC032	Written Skills	3		3		
TKCC033	Professionally Speaking	3			3	
TCTK005	Basics in Computing	3	3			
TKCC034	Entrepreneurship	3		3		
TKCC035	Industrial Economics	5		5		
TKCC036	Leadership	3			3	
TCTK027	Basic Chemistry	7	7			
TCTK030	Applied Chemistry	7	7			
TCTK031	Analytic Chemistry	7		7		
TCTK032	Organic Chemistry	7	7			
TCTK051	Computer Aided Process Calculation and Modelling	3		3		
TCTK033	Basic Course in Electrotechniques	3			3	
TCTK034	Physical Chemistry	7			7	
TCTK036	Flow Dynamics and Energy Technology	7		7		
TCTK037	Mechanical Operations in Chemical Engineering	7		7		
TCTK038	Mass Transfer	7			7	
TCTK039	Laboratory Exercises in Chemical Engineering	5				5
TCTK040	Heat and Energy Techniques	7			7	
TCTK041	Chemical Reaction Engineering	7				7
TCTK052	Process Automation	7			7	
TCTK057	Basics of Environmental Protection	5	5			
TCTK046	Environment and Energy	5		5		
TCTK048	Ecology and Cleaning Techniques	5				5
TCTK054	Environmental Monitoring	5			5	
TCTK058	Environmental Legislation and Administration	5				5
BKML253	Finnish for Foreigners 3	3		3		
BKML254	Finnish for Foreigners 4	3			3	
	Finnish Society and Culture	3				
	Getting Local and Global	3				

Degree Programme in Information Technology, Kokkola

Code	Name of the course	ECTS	1st year	2nd year	3rd year	4th year
TKCC010	Basic Course in Statistics	2		2		
TKCC011	Algebra	5	5			
TKCC012	Geometry and Trigonometry	4	4			
TKCC013	Differential Calculus	3		3		
TKCC014	Integral Calculus	3		3		
TKCC015	Matrices and Numerical Methods	3			3	
TITK017	Mathematics for Computing	2	2			
TKCC020	Basic Course in Physics	5	5			
TKCC021	Electrophysics	3		3		
TKCC022	Wave Motion and Quantum Physics	2		2		
TKCC023	Laboratory Practices in Physics	2		2		
TITK050	Chemistry	3	3			
TKCC031	Communication Skills	3	3			
TKCC032	Written Skills	3	3			
TKCC033	Professionally Speaking	3		3		
TITK077	Computing	2	2			
TITK090	Basics in Programming	6	6			
TKCC034	Entrepreneurship	3		3		
TITK074	Project Management	3		3		
TKCC035	Industrial Economics	5			5	
TKCC036	Leadership	3				3
TITK100	Electric Circuits	3	3			
TITK102	Electronic Components	3	3			
TITK110	Electronics	4		4		
TITK111	Digital Techniques	6		6		
TITK190	Embedded Systems	6			6	
TITK130	Information Systems	3	3			
TITK142	Object-Oriented Programming	5		5		
TITK140	C Programming Language	4		4		
TITK143	Relation Databases & SQL	4		4		
TITK131	Operating Systems	4			4	
TITK180	Information Technology Seminars	3			3	
TITK120	Digital Media	3				3
TITK141	WWW-programming	3				3
TITK160	IP-Networks	4	4			
TITK165	Communication Technology	3		3		
TITK161	Cisco Networking Academy I	3		3		
TITK205	Java Advanced Programming	5			5	
TITK240	Algorithms and Data Structures	3			3	
TITK241	Modelling Techniques	3			3	
TITK229	Software Engineering	3			3	
TITK239	Embedded Software	4			4	
TITK206	C++ Programming Language	4				4
TITK248	Object-Oriented Modelling	3				3
TITK271	Software Business	3				3
TITK235	Software Project	4				4
TITK312	Coding Theory	3			3	
TITK322	Mobile Software Development I	4			4	
TITK362	Cisco Networking Academy II	4			4	
TITK363	Cisco Networking Academy III	3			3	
TITK308	Mobile Networks	4			4	
TITK323	Mobile Software Development II	5				5
TITK364	Cisco Networking Academy IV	3				3
TITK380	Media and Communication Project	4				4
BKML253	Finnish for Foreigners 3	3		3		
BKML254	Finnish for Foreigners 4	3			3	
	Finnish Society and Culture	3				
	Getting Local and Global	3				

Degree Programme in Industrial Management, Ylivieska

Code	Name of the course	ECTS	1st year	2nd year	3rd year	4th year
TYIM004	Finnish Language and culture	6	2	4		
TYIM005	Scientific Reporting	1				1
TYIM006	Communication and presentation Skills	3	3			
TYIM006	English for Industrial Management	4	2	2		
TYIM005	Business Correspondence	3				
TYIM055	Finnish Language	6			3	3
TYIM006	Advanced English Practice	6				
TYIM001	Intercultural communication	3				
TYIM007	Mathematic 1 (Algebra 1)	3	3			
TYIM008	Mathematic 3 (Algebra 2)	3	3			
TYIM009	Mathematic 2 (Geometry)	2	2			
TYIM010	Mathematic 4 (Analysis)	2	2			
TYIM011	Mathematic 5 (Technical Calculations)	3		3		
TYIM012	Statistical Mathematics	5			5	
TYIM013	Professional ethics	2	2			
TYIM014	Thermal physics	2	2			
TYIM015	Electricity and Magnetism	3	3			
TYIM061	Basic mechanics	3	3			
TYIM016	Atomic and Nuclear Physics	2			2	
TYIM017	Oscillation and Waves	2		2		
TYIM054	Lab Practice in sustainable development	2		2		
TYIM018	Chemistry	2		2		
TYIM019	Information Technology	3	3			
TYIM020	Basics of Programming	3		3		
TYIM021	Industrial processes	2	2			
TYIM022	Basics of operations management	3		3		
TYIM023	Entrepreneurship and business plan	3				3
TYIM024	Technical Drawing and Computer-Aided Design	5	5			
TYIM025	Basics of Automation Technology	4		4		
TYIM026	Automation Technology Applications	3		3		
TYIM027	Production automation and robotics	3		3		
TYIM028	Purchasing and Material Handling	5		3	2	
TYIM029	Logistics	5		2		3
TYIM030	Basics of Production Technology	3	3			
TYIM031	Production Planning and Control	4			4	
TYIM032	Resource- and Technology Based Strategies	3				3
TYIM033	Business Process control	5			5	
TYIM034	Basics for economics	5	5			
TYIM035	Commercial Law ,Introduction to International Business	5		2	3	
TYIM036	Business to Business Marketing	5		5		
TYIM037	Market Research	5				5
TYIM038	Business Workshop Game	2				2
TYIM039	Management Accounting	8			8	
TYIM040	Innovation Management	2		2		
TYIM041	Quality and Business Environment Management	5			5	
TYIM042	Leadership & Human Resources Development	3			3	
TYIM043	Strategic Corporate Management & Development	3				3
TYIM044	Risk Management	2				2
TYIM045	International Business management	5				5
TYIM046	Enterprise Resource Systems	5				5
TYIM047	International Marketing Management & CRM	5				5
TYIM048	Business Resource Planning and Analysis	5				5
TYIM049	Cross-Cultural Project Management	5				5
TYIM050	Management in Manufacturing	5				5
TYIM051	Order-Delivery Chain Management	5				5
	Enterprise Resource Systems	5				5
TYIM052	Business Resource Planning and Analysis	5				5
TYIM053	Discrete Event Simulation	5				5

Degree Programme in Tourism, Pietarsaari

Code	Name of the course	ECTS	1st year	2nd year	3rd year	4th year
TPTO02	Basics of Tourism	4				
TPTO003	Sustainable Tourism	2				
TPTO005	Basics of ICT	3				
TPTO006	Office Work	4				
TPTO007	Basics of Business	4				
TPTO008	Basics of Accounting	2				
TPTO009	Business Mathematics 1	3				
TPTO010	Business Mathematics 2	3				
TPTO011	Human Resources	3				
TPTO012	Financing and Risk Management in SMEs	3				
TPTO013	Basics of Marketing	4				
TPTO014	Basic Statistics	3				
TPTO015	Meeting and Negotiation Skills	2				
TPTO072	Project Management	1				
TPTO016	Teamwork in Projects	2				
TPTO017	Presentation Skills	3				
PITL159	English for Travel and Tourism	3				
TPTO020	ICT Tools in Business 1	3				
TPTO021	ICT Tools in Business 2	3				
TPTO022	Economics	3				
TPTO023	Tourism and Business Law	4				
TPTO024	Finnish Domestic and Incoming Tourism	4				
TPTO025	Finnish Tourism Geography	2				
TPTO026	Providers of World Tourism Services	4				
TPTO034	Reservation Systems and Intermediation	5				
TPTO028	Leisure Tourism	4				
TPTO029	Business Tourism	4				
TPTO030	Accommodation Services	3				
TPTO031	Hotellinx	2				
TPTO036	Accounting Management in Tourism	3				
TPTO037	Development of Tourism Enterprises	3				
TPTO039	Quantitative Research Methods	2				
TPTO040	Statistical Methods	2				
TPTO041	Qualitative Research Methods	2				
TPTO044	Alcohol, Hygiene and First Aid Skills	3				
TPTO045	eBusiness in Tourism Industry	3				
TPTO046	Entrepreneurship In Tourism Industry	3				
TPTO047	Finnish Society and Culture	3				
TPTO048	Festival and Events Management	3				
TPTO049	Getting Local and Global	3				
TPTO050	Heritage and Cultural Tourism	3				
TPTO051	International Markets of Tourism	3				
TPTO052	Making Homepages	3				
TPTO053	Nature and Adventure Tourism	3				
TPTO054	Planning and Production of Advertising Material	4				
TPTO055	Tourism Projects	3				
TPTO072	Introduction to ICT Environment	2				
TPTO056	Basics of French 1	4				
TPTO057	Basics of French 2	3				
TPTO058	Basics of German 1	4				
TPTO059	Basics of German 2	3				
TPTO060	Basics of Russian 1	3				
TPTO061	Basics of Russian 2	3				
TPTO062	Brush Up Your English	3				
TPTO063	Brush up Your Swedish	3				
TPTO064	Business Swedish	3				
TPTO065	Français dans la vie quotidienne et dans les affaires (French 3)	3				
TPTO066	German for Travel and Tourism	3				
TPTO067	Professional German	3				

International Business Studies -module, Pietarsaari

Courses offered for exchange students, autumn semester 2009

Code	Name of the course	ECTS
LPKV100	Global Management	6
PITF256	International Marketing	3
	Creative Management	2
PITF230	Marketing of Services	3
PITF249	Business Cultures	4
TPTO072	Project Management	1
TPTO017	Presentation Skills	3
TPTO004	Finnish for Foreigners 1	3
TPTO047	Finnish Society and Culture	3
TPTO049	Getting Local and Global	3

Degree Programme in Nursing, Kokkola

Code	Name of the course	ECTS	1st year	2nd year	3rd year	4th year
PHN306	Finnish Culture for Foreigners	1				
PHN305	Survival Finnish	1				
PHN239	Finnish 1	6				
PHN137	Social and Health Policy in Finnish Society	2				
PHN015	Philosophical and Ethical Foundations of Health Care and Social	2				
PHN027	Structures and Function of the Human Body	5				
PHN114	Microbiology and Pathology	2				
PHN115	Nutrition	1				
PHN116	Helping Methods	3				
PHN121	Clinical Nursing Procedures	3				
PHN238	Psychology	2				
PHN102	Spiritual Wellbeing	1				
PHN117	First Aid I	1				
PHN118	First Aid II	1				
PHN126	Rehabilitating Nursing Care	1				
PHN244	Nursing Science	1				
PHN157	Infection Control	1				
PHN120	Medical Substance Calculation	2				
PHN243	Pharmacotherapy	2				
PHN014	Multicultural Activities and Multidisciplinary Cooperation	1				
PHN011	Basic of statistics	1				
PHN016	Basics of Research Development Work	2				
PHN124	Counselling	1				
PHN129	Perioperative Nursing	2				
PHN128	Surgical Nursing	3				
PHN123	Basics of Physiotherapy and Occupational Therapy	1				
PHN126	End of Life Care	1				
PHN244	Nursing Science	1				
PHN157	Infection control	1				
PHN127	Medical Nursing	3				
PHN160	Internal Medicine and Neurology	2				
PHN125	Clinical Examinations	1				
PHN145	Surgery and Anaesthesiology	2				
PHN108	Obstetrics and Gynaecology	1				
PHN162	Health Promotion	1				
PHN104	Pharmacology	1				
PHN115	Nutrition	1				
PHN238	Psychology	1				
PHN149	Academic Writing	3				
PHN150	Academic Communication Skills	3				
PHN112	Geriatrics	1				
PHN140	Nursing Care of Ageing	3				
PHN109	Pediatrics	1				
PHN111	Psychiatry	1				
PHN131	Pediatric and Adolescent Nursing	3				
PHN161	Pharmacology (child)	1				
PHN130	Nursing Care of Woman and Family	2				
PHN163	Nursing of gynaecological Patient	1				
PHN165	Promotion of Health and Public Health Work	3				
PHN164	Disability	1				
PHN132	Mental Care	2				
PHN239	Finnish 2	6				
PHN006	Career Planning	1				
PHN007	Entrepreneurship	1				
PHN115	Nutrition	1				
PHN157	Infection Control	1				
PHN244	Nursing Science	1				
PHN110	Public Health Science	1				
PHN244	Nursing Science	1				
PHN232	Management and Administration of Public Health Nursing	2				
PHN221	Ethical Activity in Public Health Nursing	1				
PHN216	Environmental Health	1				
PHN166	Health Care of the Expectant Family and Familyplanning	3				
PHN167	Early Interaction and Baby Friendliness	3				
PHN168	Health Care and Immunisation, Children and Adolescents	3				
PHN169	School and Students Health Care	3				
PHN207	Health Care of Working-Aged Clients	3				