



# English Programs of Study



European  
University  
Cyprus





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# European University Cyprus



# European University Cyprus

**European University Cyprus** is one of the leading institutions of higher education in Cyprus. It boasts a student enrollment of over 6,500 in undergraduate, graduate and doctorate degree programs.

European University Cyprus has established a reputation for quality education with a sharp focus on the employability of its students, and has been recognized for its investment in high tech innovation and engagement with industry and society. Over the last decade, the university has fostered a culture of modernization that has resulted in levels of growth that have exceeded all expectations, upgrading the quality of tertiary education in Cyprus and defining a clear international orientation for the university and the country.

European University Cyprus has introduced state of the art technology and boosted the country's health sector through the establishment of the most advanced School of Medicine in the region. With the launch of the first Dentistry program in the country, the university offers the most comprehensive studies in the fields of Medicine and the Health Sciences, and is attracting academics and students from around the globe.

At European University Cyprus our core values are the advancement of learning, teaching and research. We respond to the needs of the members of the university community and society at large by investing in new ventures and institutes, rewarding ambition and drive in our staff and faculty and by continually developing our facilities and resources. The new campus consists of modern facilities, well equipped laboratories, amphitheater lecture halls, student apartments and entertainment venues. European University Cyprus is located in the capital Nicosia, which is the heart of political, economic and cultural activity in the country.



Among  
the best  
institutions  
in the world



## Among the world's top 301+ universities



European University Cyprus' inclusion in the Times Higher Education University Impact Rankings marks a particularly significant success, as in key criteria, the university ranks considerably higher than long established universities globally.

The annual Times Higher Education University Impact Rankings, have ranked European University Cyprus among the 301+ universities in the world. Times Higher Education Rankings, among the most esteemed university ranking bodies worldwide, adopt United Nations established criteria for their assessment. European University Cyprus is ranked an impressive 76th in terms of Decent Work and Economic Growth which evaluates sectors such as sustainable growth, the work placement of students and the employability of graduates, while it is included in the 101+ of best universities in the sector of Industry, Innovation and Infrastructure.

## The only university in Cyprus with the highest distinction five Stars in Employability

European University Cyprus is the first University in Cyprus to be rated by **QS TOP UNIVERSITIES (QS Stars™)**, which ranks many of the most prestigious universities in the United States, Canada and Europe, placing it among the top universities in the world on the basis of its performance across several fields.

QS Stars University Rating is used by interested parties and prospective students internationally to get a wider, but also more comprehensive, picture of an institution's qualities, looking at its administrative and academic standing assessing every aspect of a university's performance from teaching and the employability of its graduates to its facilities and social responsibility.

The QS Stars University Rating evaluates an institution against 50 different indicators and awards universities between one and five Stars in a range of fields.

European University Cyprus has been assessed with the highest distinction of five Stars in Teaching, Facilities, Inclusiveness, Social Responsibility, Employability and Internationalisation.



# The School of Medicine



# Medicine

(6 YEARS, DOCTOR OF MEDICINE, MD)

## DEGREE REQUIREMENTS

All students pursuing the Doctor of Medicine degree must complete the following requirements:

	CREDITS	ECTS
YEAR 1	30	60
YEAR 2	30	60
YEAR 3	30	60
YEAR 4	24	60
YEAR 5	27	60
YEAR 6	30	60
<b>Total Requirements</b>	<b>171</b>	<b>360</b>

### YEAR 1

#### SEMESTER 1

CODE	COURSE TITLE	CREDITS	ECTS
MED 101	Medical Biochemistry I	3	7
MED 102	Cellular & Molecular Biology	3	7
MED 103	Physics for Biomedical Sciences	3	6
MED 104	Introduction to Epidemiology	3	5
MED 105	Biostatistics	3	5
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

#### SEMESTER 2

CODE	COURSE TITLE	CREDITS	ECTS
MED 106	Anatomy I	3	6
MED 107	Histology - Embryology I	3	6
MED 108	Physiology I	3	5
MED 109	Medical Biochemistry II	3	6
MED 110	Introduction to Genetics	3	5
MPR 101	Clinical Practicum I	-	2
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

### YEAR 2

#### SEMESTER 3

CODE	COURSE TITLE	CREDITS	ECTS
MED 201	Anatomy II	3	7
MED 202	Histology - Embryology II	3	6
MED 203	Physiology II	3	7
MED 204	Human Nutrition & Metabolism	3	5
MED 205	Family Medicine & Public Health	3	5
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

#### SEMESTER 4

CODE	COURSE TITLE	CREDITS	ECTS
MED 206	Neuroscience	3	7
MED 207	Medical Psychology	3	5
MED 208	Basic Immunology & Microbiology	3	7
MED 209	Introduction to Clinical Skills	3	6
Major Elective*		3	5
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

### YEAR 3

#### SEMESTER 5

CODE	COURSE TITLE	CREDITS	ECTS
MED 301	Pathophysiology I	3	6
MED 302	Pathology I	3	6
MED 303	Pharmacology I	3	6
MED 304	Semiology I	3	6
MED 305	General Surgery	3	6
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

#### SEMESTER 6

CODE	COURSE TITLE	CREDITS	ECTS
MED 306	Pathophysiology II	3	6
MED 307	Medical Microbiology	3	6
MED 308	Pathology II	3	6
MED 309	Pharmacology II	3	6
MED 310	Semiology II	3	6
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

### YEAR 4

#### SEMESTER 7

CODE	COURSE TITLE	CREDITS	ECTS
MED 407	Clinical Training I (Respiratory and Cardiovascular System)	6	15
MED 417	Clinical Training II (Digestive System and Hematology)	6	15
<b>Total Credits/ECTS</b>		<b>12</b>	<b>30</b>

#### SEMESTER 8

CODE	COURSE TITLE	CREDITS	ECTS
MED 322	Diagnosis By Imaging	3	7
MED 408	Clinical Training III (Infectious Diseases and Clinical Microbiology)	3	9
MED 418	Clinical Training IV (Endocrine System, Uro-Nephrological System and Male Genital Tract)	6	14
<b>Total Credits/ECTS</b>		<b>12</b>	<b>30</b>

### YEAR 5

#### SEMESTER 9

CODE	COURSE TITLE	CREDITS	ECTS
MED 509	Clinical Training V (Musculoskeletal System)	6	15
MED 519	Clinical Training VI (Nervous System and Psychiatry)	6	15
<b>Total Credits/ECTS</b>		<b>12</b>	<b>30</b>

#### SEMESTER 10

CODE	COURSE TITLE	CREDITS	ECTS
MED 428	Clinical Bioethics and Legal Medicine	3	6
MED 510	Clinical Training VII (Pediatrics)	6	12
MED 520	Clinical Training VIII (Dermatology)	3	6
MED 530	Medical Therapeutics	3	6
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

### YEAR 6

SEMESTER 11 15 30

CODE	COURSE TITLE	CREDITS	ECTS
MED 611	Clinical Training IX (Obstetrics and Gynecology)	3	8
MED 621	Clinical Training X (Ophthalmology)	3	6
MED 631	Primary Care	3	6
MED 661	Symptoms and Interpretation of Complementary Examination Procedures	3	5
Free Elective		3	5
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

SEMESTER 12 15 30

CODE	COURSE TITLE	CREDITS	ECTS
MED 612	Clinical Training XI (Otorhinolaryngology)	3	5
MED 622	Clinical Training XII (ER, Toxicology, Oncology and Palliative Care)	6	14
Major Elective*		3	6
Free Elective		3	5
<b>Total Credits/ECTS</b>		<b>15</b>	<b>30</b>

\* Major Electives can be selected from the following courses:

- MED 216 - Medical Humanities and History
- MED 217 - Genomics
- MED 218 - Systems Biology
- MED 601 - Healthcare Management
- MED 602 - Clinical Embryology
- MED 603 - Rehabilitation Medicine
- MED 604 - Research Methodology and Scientific Writing
- MED 605 - Maxillofacial surgery
- MED 606 - Interventional Radiology

**Greek Language courses:** Greek Language courses will be required from International students with no proficiency in Greek Language. Credits/ECTS earned from the Greek Language courses do not count towards the graduation requirements of the Degree.

- GRE 101 - Modern Greek / Basic user I (A1)
- GRE 102 - Modern Greek / Basic User II (A1+)
- GRE 103 - Modern Greek / Basic User III (A2)
- GRE104 - Modern Greek / Basic User IV (A2+)

# Dentistry

(5 YEARS, DENTAL SURGERY, BDS)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor in Dental Surgery Degree must complete the following requirements:

	ECTS
YEAR 1	60
YEAR 2	60
YEAR 3	60
YEAR 4	60
YEAR 5	60
<b>Total Requirements</b>	<b>300</b>

### YEAR 1

#### SEMESTER 1

CODE	COURSE TITLE	ECTS
DES 100	Anatomy I	6
DES 105	Physiology I	6
DES 110	Histology / Embryology I	5
DES 115	Principles of Cell Biology and Genetics	5
DES 120	Medical Biochemistry	6
DES 125	Dental Ethics	2
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 2

CODE	COURSE TITLE	ECTS
DES 130	Anatomy II	6
DES 135	Physiology II	6
DES 140	Histology / Embryology II	6
DES 145	Biostatistics – Epidemiology	2
DES 150	Dental Morphology	4
DES 155	Applied Dental Biochemistry	3
DES 160	Biomaterials and Technology in Dentistry	3
<b>Total ECTS</b>		<b>30</b>

### YEAR 2

#### SEMESTER 3

CODE	COURSE TITLE	ECTS
DES 200	Microbiology	6
DES 205	Pathophysiology	6
DES 210	Pharmacology	4
DES 215	Principles of Surgery	4
DES 220	Biology and Pathology of Hard Dental Tissues	3
DES 225	Foundations of Nutrition	2
DES 230	Community and Preventive Dentistry	5
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 4

CODE	COURSE TITLE	ECTS
DES 235	Principles of Internal Medicine	6
DES 240	General Therapeutics	5
DES 245	First Aid	2
DES 250	Operative Dentistry I	3
DES 255	Endodontics I	2
DEN 260	Fixed Prosthodontics I	3
DES 265	Removable Prosthodontics I	3
DES 270	Periodontology I	2
DES 275	Dental Radiology I	3
DES 280	Physiology of the Stomatognathic System	1
<b>Total ECTS</b>		<b>30</b>

### YEAR 3

#### SEMESTER 5

CODE	COURSE TITLE	ECTS
DES 300	Operative Dentistry II	5
DES 305	Endodontics II	4
DES 310	Fixed Prosthodontics II	5
DES 315	Removable Prosthodontics II	4

DES 320	Periodontology II	2
DES 325	Oral Surgery I	2
DES 330	Oral Medicine / Oral Pathology I	1
DES 335	Dental Radiology II	3
DEN 340	Digital Dentistry and Digital Planning	4
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 6

CODE	COURSE TITLE	ECTS
DES 345	Operative Dentistry III	5
DES 350	Endodontics III	3
DES 355	Fixed Prosthodontics III	5
DES 360	Removable Prosthodontics III	4
DES 365	Periodontology III	3
DES 370	Oral Surgery II	3
DES 375	Oral Medicine / Oral Pathology II	1
DES 380	Pediatric Dentistry I	1
DES 385	Dental Anesthesiology	1
DES 390	Ergonomics and Infection Control in Dental Practice	3
DES 395	Behavior and Communication Skills	1
<b>Total ECTS</b>		<b>30</b>

### YEAR 4

#### SEMESTER 7

CODE	COURSE TITLE	ECTS
DES400	Operative Dentistry IV	5
DES405	Endodontics IV	4
DES 410	Fixed and Removable Prosthodontics I	5
DES 415	Periodontology IV	4
DES 420	Oral Surgery III	4
DES 425	Oral Medicine / Oral Pathology III	1
DES 430	Pediatric Dentistry II	2
DES 435	Orthodontics I	3
DES 440	Critical Appraisal of the Literature I	1
Elective Course		1
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 8\*

CODE	COURSE TITLE	ECTS
DES 445	Operative Dentistry V	5
DES 450	Endodontics V	4
DES 455	Fixed and Removable Prosthodontics II	5
DES 460	Periodontology V	4
DES 465	Oral Surgery IV	4
DES 470	Oral Medicine / Oral Pathology IV	1
DES 475	Pediatric Dentistry III	2
DES 480	Orthodontics II	3
DES 485	Critical Appraisal of the Literature II	1
DES 490	Introduction to Craniomandibular Disorders	1
<b>Total ECTS</b>		<b>30</b>

### YEAR 5

#### SEMESTER 9

CODE	COURSE TITLE	ECTS
DES 500	Operative Dentistry VI	5
DES 505	Endodontics VI	4
DES 510	Fixed and Removable Prosthodontics III	5
DES 515	Periodontology VI	4
DES 520	Oral Surgery V	2
DES 525	Oral Medicine / Oral Pathology V	1
DES 530	Oral and Maxillofacial Surgery I	1
DES 535	Pediatric Dentistry IV	3
DES 540	Orthodontics III	2
DES 545	Integrated Clinical Seminar I	2
DES 550	Geriatric Dentistry	1
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 10\*

CODE	COURSE TITLE	ECTS
DES 555	Operative Dentistry VII	5
DES 560	Endodontics VII	4
DES 565	Fixed and Removable Prosthodontics IV	5
DES 570	Periodontology VII	4
DES 575	Oral Surgery VI	2
DES 580	Oral Medicine / Oral Pathology VI	1
DES 585	Oral and Maxillofacial Surgery II	1
DES 590	Pediatric Dentistry V	2
DES 595	Orthodontics IV	2
DES 596	External Rotations	2
DES 597	Integrated Clinical Seminar II	2
<b>Total ECTS</b>		<b>30</b>

## ELECTIVE COURSES

CODE	COURSE TITLE	ECTS
DES 491	Occupational Risks in Dentistry	1
DES 492	Legal and Forensic Dentistry	1
DES 493	Dental Marketing, Management Skills and Group Management	1
DES 494	Dental Office Administration	1

\* Due to the Clinical Training of the students the semesters 8 and 10 will be extended for six (6) weeks.

GREEK LANGUAGE COURSES: Greek Language courses will be required from International students with no proficiency in Greek Language. Credits/ECTS earned from the Greek Language courses do not count towards the graduation requirements of the Degree.

- GRE 101 - Modern Greek / Basic user I (A1)
- GRE 102 - Modern Greek / Basic User II (A1+)
- GRE 103 - Modern Greek / Basic User III (A2)
- GRE 104 - Modern Greek / Basic User IV (A2+)

# Infectious Diseases: Prevention & Control

(18 MONTHS, MASTER OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the M.Sc Degree "Infectious Diseases: Prevention & Control" must complete the following requirements:

	ECTS
Compulsory Courses	60
Elective Courses	16
Master Thesis	14
<b>Total Requirements</b>	<b>90</b>

## COMPULSORY COURSES

CODE	COURSE TITLE	ECTS
IPC 610	Infection Prevention and Control: Essentials in Healthcare	8
IPC 611	Essentials of Microbiology in Infection Prevention and Control	8
IPC 612	Research Methods in Infectious Diseases	7
IPC 613	Epidemiology of Infectious Diseases	7
IPC 621	Antimicrobial Stewardship	8
IPC 622	Multidrug Resistant Organisms: Public Health Implications and Control	7
IPC 623	Design of a Surveillance System, Collection and Interpretation of Surveillance Data	8
IPC 624	Occupational Health and Safety in Healthcare and Communication Issues in Public Health Emergencies	7
<b>Total Credits/ECTS</b>		<b>60</b>

## ELECTIVE COURSES (TOTAL ECTS 16)

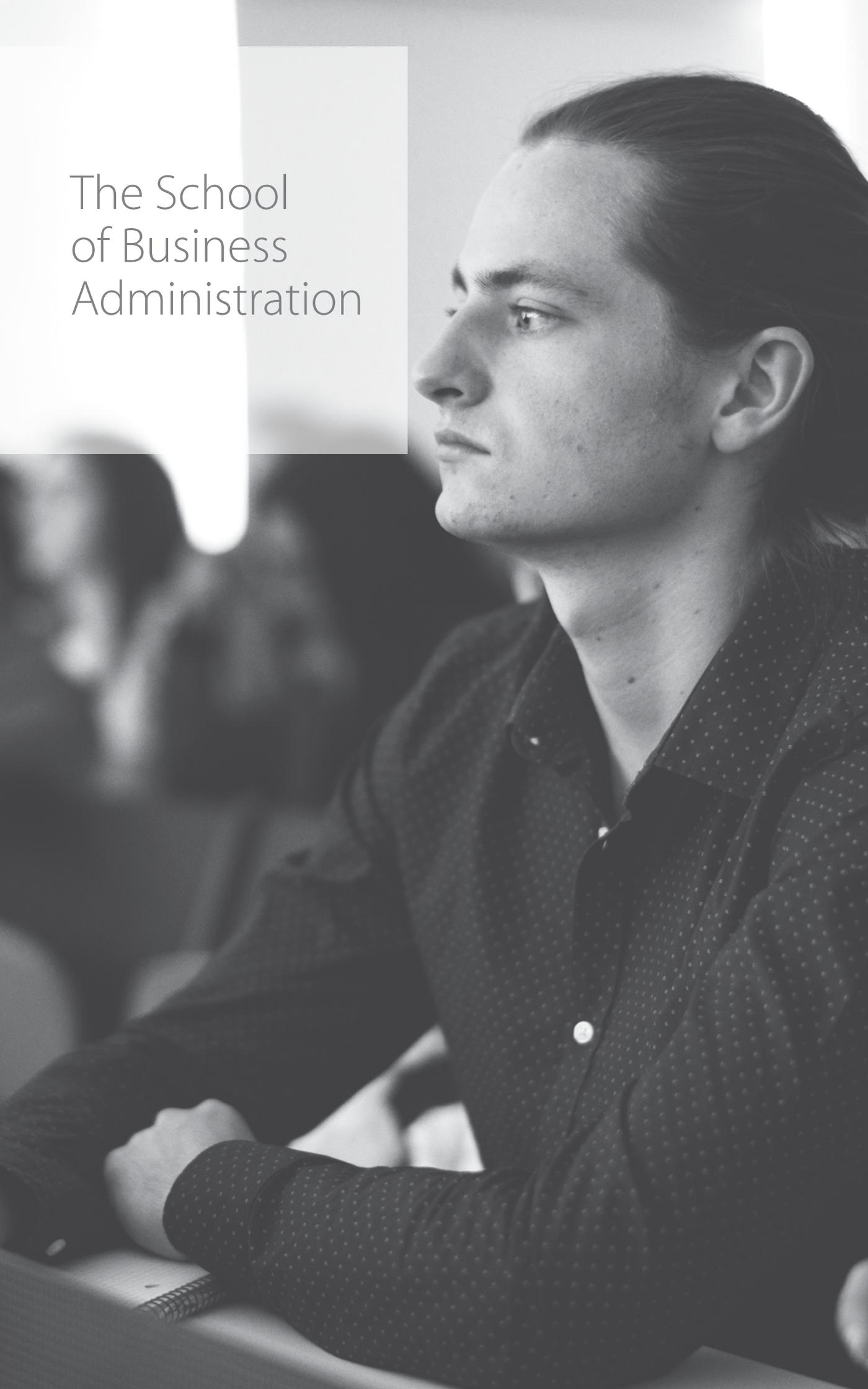
Students should select **two** of the following courses:

CODE	COURSE TITLE	ECTS
IPC 630	Infection Prevention and Control: Practical Approach	8
IPC 631	Foodborne Diseases and Food Safety	8
IPC 632	Travel-Associated and Tropical Diseases	8
IPC 633	Current Issues in Infection Prevention and Control	8

## MASTER THESIS

CODE	COURSE TITLE	ECTS
IPC 690	Master Thesis	14
<b>Total Credits/ECTS</b>		<b>14</b>

The School  
of Business  
Administration



# Aviation Management

(4 YEARS, BACHELOR OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor of Science degree in "Aviation Management" must complete the following requirements:

	ECTS
General Education Requirements	15
Core Requirements	100
Specialization Requirements	80
- Commercial Operations, or	
- Air Operations	
Major Electives	35
Free Electives	10
<b>Total Requirements</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	ECTS
AVM 110	Information Technology for Aviation	4
ENB 220	Writing for Business Studies	6
MAT 115	Statistics	5
	<b>Total ECTS</b>	<b>15</b>

## CORE REQUIREMENTS

CODE	COURSE TITLE	ECTS
AVM 111	PPL Theory	5
AVM 112	Introduction to Civil Aviation Management	5
AVM 120	Operations Control in Aviation	5
AVM 121	Yield and Revenue Management	5
AVM 122	Introduction to Accounting	5
AVM 124	Aviation Information Systems and Digitalization	5
AVM 320	Quality Management and Compliance Monitoring	8
AVM 321	Project Management in Aviation	6
AVM 410	Aviation Psychology and Human Factors	6
AVM 411	Emergency Response & CSR	7
AVM 412	Health and Safety Management and Safety Culture	7
AVM 420	Strategic Management in Aviation	7
AVM 421	Airworthiness and Certification Procedures	7
AVM 422	Aviation Project	10
BUS 215	Business Research	6
LDR 365	Contemporary Leadership and Team Building	6
	<b>Total ECTS</b>	<b>100</b>

## SPECIALIZATION REQUIREMENTS

Students choose **one** of the following specializations:

CODE	COURSE TITLE	ECTS
<b>AIR OPERATIONS 80</b>		
AVM 210	Aircraft General Knowledge - Instrumentation	6
AVM 211	Human Performance	4
AVM 212	Meteorology	5

AVM 213	General Navigation	4
AVM 214	Air Law	5
AVM 215	Aircraft General Knowledge - Airframe and Systems	6
AVM 220	Flight Planning and Monitoring	5
AVM 221	Radio Navigation	5
AVM 222	Mass and Balance	4
AVM 223	Flight Performance	5
AVM 224	Operational Procedures	5
AVM 225	Principles of Flight	6
AVM 310	VFR and IFR Communications	5
AVM 311	Multi Crew Cooperation	5
AVM 312	Professional Pilot Flight Training	10

## COMMERCIAL OPERATIONS 80

AVM 230	Airline Commercial Operations	5
AVM 240	Airline Sales and E-commerce	6
BUS 101	Introduction to Business	5
BUS 195	Business Calculus and Applications	5
BUS 201	International Business	5
BUS 360	Innovation and Entrepreneurship	5
ECO101	Principles of Microeconomics	5
ENB 225	Business Communication in English	5
LDR 230	Essentials of Leadership	6
MAR 101	Introduction to Marketing	5
MAR 204	Consumer Behavior	6
MGT 101	Principles of Management	5
MGT 205	Organizational Behavior	5
PRS 200	Introduction to Public Relations	6
PSY 214	An Introduction to Group Dynamics	6
	<b>Total ECTS</b>	<b>80</b>

## MAJOR ELECTIVES (ECTS 35)

Students choose **seven** of the following courses:

CODE	COURSE TITLE	ECTS
FIN 101	Essentials of Financial Analysis	6
AVM 113	Introduction to Airline Management	5
AVM 114	Introduction to Airport Management	5
AVM 115	Introduction to Air Traffic Services	5
AVM 116	Private Pilot Flight Training	6
AVM 125	Aviation Communication	5
AVM 250	Airline Operations Management	5
AVM 251	Airport Operations Management	5
AVM 323	Crew Resource Management	5
AVM 350	Airport Security	5
AVM 351	Airline Safety and Safety Management Systems	5
AVM 352	Airline Network Management	5
AVM 430	Management of Change	5
AVM 431	Internship	6
MGT 240	Human Resource Management	5
MGT 304	International Management	6
MGT 310	Management of Services	6

## FREE ELECTIVES (10 ECTS)

# Accounting

(4 YEARS, BACHELOR OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor degree in "Accounting" must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	12	21
Major Requirements	75	144
Accounting / Business Electives	36	65
Free Electives	6	10
<b>Total Requirements</b>	<b>129</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
<b>English and Communication</b>			
COM 101	Public Speaking	3	5
ENB 220	Writing for Business Studies	3	6
ENB 225	Business Communication in English	3	5
<b>Mathematics</b>			
MAT 115	Statistics I	3	5
<b>Total Credits/ECTS</b>		<b>12</b>	<b>21</b>

## MAJOR REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
ACC 112	Introduction to Financial Accounting	3	5
ACC 113	Introduction to Managerial Accounting	3	5
ACC 201	Intermediate Accounting I	3	5
ACC 204	Intermediate Accounting II	3	6
ACC 211	Tax Framework	3	6
ACC 303	Introduction to Auditing	3	6
ACC 306	Advanced Financial Reporting / Consolidations	3	6
ACC 309	Advanced Cost & Managerial Accounting	3	6
ACC 310	Advanced Financial Reporting	3	6
ACC 311	Advanced Business Taxation	3	6
ACC 403	Advanced Audit and Internal Review	3	6
ACC 406	Performance Management I	3	6
ACC 407	Performance Management II	3	6
ACC 409	Financial Management and Control	3	6
BUS 101	Introduction to Business	3	5
BUS 201	International Business	3	5
BUS 215	Business Research	3	6
BUS 401	Business Policy and Strategic Management	3	6
BUS 411	Senior Project	3	10
ECO 101	Principles of Microeconomics	3	5
ECO 102	Principles of Macroeconomics	3	5
FIN 101	Essentials of Financial Analysis	3	6
LAW 101	Business Law I	3	5
MGT 101	Principles of Management	3	5
MGT 205	Organizational Behaviour	3	5
<b>Total Credits/ECTS</b>		<b>75</b>	<b>144</b>

## ACCOUNTING/BUSINESS ELECTIVES (36 CREDITS/65 ECTS)

Students select **twelve** of the following courses:

CODE	COURSE TITLE	CREDITS	ECTS
ACC 308	Computer Applications in Accounting	3	6
ACC 400	Independent Study in Accounting	3	6
ACC 405	Special Topics in Financial Accounting	3	6
ACC 410	Accounting Internship	3	8
ACC 421	Business Tax Planning I	3	6
ACC 422	Business Tax Planning II	3	6
ACC 423	Business Tax Planning III	3	6
ACC 431	Tax compliance I	3	6
ACC 432	Tax compliance II	3	6
ACC 433	Tax compliance III	3	6
ACC 441	Audit & Assurance I	3	6
ACC 442	Audit & Assurance II	3	6
ACC 443	Audit & Assurance III	3	6
ACC 451	Financial Accounting Reporting I	3	6
ACC 452	Financial Accounting Reporting II	3	6
ACC 453	Financial Accounting Reporting III	3	6
BUS 111	Finite Mathematics for Business	3	5
BUS 360	Innovation and Entrepreneurship	3	5
ECO 435	Economic Data Analysis	3	6
MAR 101	Introduction to Marketing	3	5
OGM 350	International Oil and Gas Accounting	3	6

## FREE ELECTIVES (6 CREDITS/10 ECTS)



### Exemptions from ACCA & ICAEW

Graduates from European University Cyprus with a Bachelor of Science Degree in Accounting may be granted **exemption for 9 out of the 13 subjects of ACCA** (Association of Certified Chartered Accountants) and for **12 out of the 15 subjects of ICAEW** (Association of Chartered Accountants in England and Wales).

# Business Economics

(4 YEARS, BACHELOR OF BUSINESS ADMINISTRATION)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor degree in "Business Economics" must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	24	42
Business Core Requirements	45	77
Major Requirements	51	105
Free Electives	9	16
<b>Total Requirements</b>	<b>129</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
<b>English and Communication</b>		<b>9</b>	<b>16</b>
COM 101	Public Speaking	3	5
ENB 220	Writing for Business Studies	3	6
ENB 225	Business Communication in English	3	5
<b>Humanities &amp; Social Sciences</b>		<b>9</b>	<b>16</b>
History, Philosophy, Psychology, Political Sciences or Sociology		9	16
<b>Mathematics</b>		<b>3</b>	<b>5</b>
MAT 115	Statistics I	3	5
<b>Computer Science</b>		<b>3</b>	<b>5</b>
CSC 190	Computer Fundamentals and Applications	3	5
<b>Total Credits/ECTS</b>		<b>24</b>	<b>42</b>

## BUSINESS CORE REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
ACC 112	Introduction to Financial Accounting	3	5
ACC 113	Intro. to Managerial Accounting	3	5
BUS 101	Introduction to Business	3	5
BUS 111	Finite Mathematics for Business	3	5
BUS 195	Business Calculus and Applications	3	5
BUS 201	International Business	3	5
BUS 360	Innovation and Entrepreneurship	3	5
BUS 401	Business Policy and Strategic Management	3	6
ECO 101	Principles of Microeconomics	3	5
ECO 102	Principles of Macroeconomics	3	5
FIN 101	Essentials of Financial Analysis	3	6
LAW 101	Business Law I	3	5
MAR 101	Introduction to Marketing	3	5
MGT 101	Principles of Management	3	5
MGT 205	Organizational Behavior	3	5
<b>Total Credits/ECTS</b>		<b>45</b>	<b>77</b>

## MAJOR REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
BUS 215	Business Research	3	6
BUS 411	Senior Project	3	10
ECO 220	Economics of the European Union	3	6
ECO 230	Mathematics for Economists	3	6
ECO 315	Intermediate Microeconomics	3	6
ECO 320	Intermediate Macroeconomics	3	6
ECO 355	Money and Banking	3	6
ECO 365	Managerial Economics	3	6
ECO 410	International Trade	3	6
ECO 435	Economic Data Analysis	3	6
ECO 480	Current Issues in Economics	3	5
Major Electives <sup>1</sup>		18	36
<b>Total Credits/ECTS</b>		<b>51</b>	<b>105</b>

## <sup>1</sup> MAJOR ELECTIVES (18 CREDITS/36 ECTS)

Select **six** of the following courses:

CODE	COURSE TITLE	CREDITS	ECTS
ACC 409	Financial Management & Control	3	6
BAN 211	Financial Services	3	6
ECO 210	The Cyprus Economy	3	5
ECO 250	History of Economic Thought	3	6
ECO 260	Economics of Globalization	3	6
ECO 270	Environmental Economics	3	6
ECO 335	Labour Economics	3	6
ECO 340	Economic Development and Growth	3	5
ECO 465	Internship	3	8
ECO 475	Monetary and Financial Institutions in a Global Setting	3	6
ECO 485	Independent Study in Economics	3	6
MGT 206	Small Business Management	3	6
MGT 280	Project Management	3	6
OGM 210	Oil and Gas Economics	3	6

## FREE ELECTIVES (9 CREDITS/16 ECTS)

# Business Studies

(4 YEARS, BACHELOR OF BUSINESS ADMINISTRATION)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor degree in "Business Studies" must complete the following requirements:

	CREDITS	ECT
General Education Requirements	24	42
Business Core Requirements	45	77
Major Requirements	51	105
Free Electives	9	16
<b>Total Requirements</b>	<b>129</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
<b>English and Communication</b>		<b>9</b>	<b>16</b>
COM 101	Public Speaking	3	5
ENB 220	Writing for Business Studies	3	6
ENB 225	Business Communication in English	3	5
<b>Humanities &amp; Social Sciences</b>		<b>9</b>	<b>16</b>
History, Philosophy, Psychology, Political Sciences or Sociology		9	16
<b>Mathematics</b>		<b>3</b>	<b>5</b>
MAT 115	Statistics I	3	5
<b>Computer Science</b>		<b>3</b>	<b>5</b>
CSC 190	Computer Fundamentals and Applications	3	5
<b>Total Credits/ECTS</b>		<b>24</b>	<b>42</b>

## BUSINESS CORE REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
ACC 112	Introduction to Financial Accounting	3	5
ACC 113	Introduction to Managerial Accounting	3	5
BUS 101	Introduction to Business	3	5
BUS 111	Finite Mathematics for Business	3	5
BUS 195	Business Calculus and Applications	3	5
BUS 201	International Business	3	5
BUS 360	Innovation and Entrepreneurship	3	5
BUS 401	Business Policy and Strategic Management	3	6
ECO 101	Principles of Microeconomics	3	5
ECO 102	Principles of Macroeconomics	3	5
FIN 101	Essentials of Financial Analysis	3	6
LAW 101	Business Law I	3	5
MAR 101	Introduction to Marketing	3	5
MGT 101	Principles of Management	3	5
MGT 205	Organizational Behavior	3	5
<b>Total Credits/ECTS</b>		<b>45</b>	<b>77</b>

## MAJOR REQUIREMENTS (51 CREDITS/105 ECTS)

CODE	COURSE TITLE	CREDITS	ECTS
BUS 215	Business Research	3	6
BUS 411	Senior Project	3	10

Students may select **two or more** areas from the concentrations listed below:

- Accounting
- Business Economics
- Hospitality and Tourism Management
- Marketing Communications and Social Media

## FREE ELECTIVES (9 CREDITS/16 ECTS)

■ The program is also offered through Distance Learning mode.

# Hospitality and Tourism Management

(4 YEARS, BACHELOR OF ARTS)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor degree in "Hospitality and Tourism Management" must complete the following requirements:

	ECTS
Year 1	60
Year 2	60
Year 3	60
YEAR 4	60
<b>Total Requirements</b>	<b>240</b>

## SEMESTER 1

CODE	COURSE TITLE	ECTS
AEF 110	Introduction to Financial Accounting	6
HTM 100	Writing for Business Studies	6
HTM 105	Statistics I	6
HTM 110	General Education Electives	6
Free Elective		6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 2

CODE	COURSE TITLE	ECTS
HTM 115	Fundamentals of Tourism and Global Changes	6
HTM 120	Managing Front Office, Technology and Reservation Systems	6
MAR 110	Social Media and Marketing Communications	6
Language I		6
Free Elective		6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 3

CODE	COURSE TITLE	ECTS
HTM 200	Event Development and Management	6
HTM 205	Facilities Management	6
MGT 150	Organizational Behaviour	6
Language II		6
Free Elective		6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 4

CODE	COURSE TITLE	ECTS
AEF 105	Business Statistics	6
ENB 220	Writing for Business Studies	6
HTM 210	Service Encounters and Quality	6
HTM 215	Marketing Principles for Tourism and Hospitality	6
HTM 220	Revenue and Cost Control Management in Hospitality and Tourism	6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 5

CODE	COURSE TITLE	ECTS
ENB 230	Business Communication in English	6
HTM 300	Food Service Sanitation, Hygiene and Risk Management	6
HTM 305	Niche Tourism and Innovative Products	6
HTM 310	Hospitality Luxury Brand Management	6
MGT 220	Managing and Developing Human Capital	6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 6

CODE	COURSE TITLE	ECTS
BUS 220	Innovation and Entrepreneurship	6
HTM 315	Sustainable and Responsible Tourism	6
HTM 320	Contemporary Challenges in Hospitality and Tourism Development & Management	6
HTM 325	The Art of Gastronomy	6
HTM 330	Managing Casino, Spa and Wellness Services	6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 7

CODE	COURSE TITLE	ECTS
HTM 400	Strategic Management and Leadership in Hospitality and Tourism	6
HTM 405	Managing Cultural Attractions	6
AEF 320	Corporate and Business Law I	6
HTM 410	Research Methods and Data Analysis in Hospitality and Tourism	6
HTM 415	Placement in Hospitality and Tourism Enterprises	6
<b>Total ECTS</b>		<b>30</b>

## SEMESTER 8

CODE	COURSE TITLE	ECTS
HTM 420	Internship in Hospitality and Tourism Enterprises	24
HTM 425	Independent Study in Hospitality and Tourism	6
<b>Total ECTS</b>		<b>30</b>

# Marketing Communications & Social Media

(4 YEARS, BACHELOR OF BUSINESS ADMINISTRATION)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor degree in "Marketing Communications and Social Media" must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	24	42
Business Core Requirements	45	77
Major Requirements	51	105
Free Electives	9	16
<b>Total Requirements</b>	<b>129</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
<b>English and Communication</b>		<b>9</b>	<b>16</b>
COM 101	Public Speaking	3	5
ENB 220	Writing for Business Studies	3	6
ENB 225	Business Communication in English	3	5
<b>Humanities &amp; Social Sciences</b>		<b>9</b>	<b>16</b>
History, Philosophy, Psychology, Political Sciences or Sociology		9	16
<b>Mathematics</b>		<b>3</b>	<b>5</b>
MAT 115	Statistics I	3	5
<b>Computer Science</b>		<b>3</b>	<b>5</b>
CSC 190	Computer Fundamentals and Applications	3	5
<b>Total Credits/ECTS</b>		<b>24</b>	<b>42</b>

## BUSINESS CORE REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
ACC 112	Introduction to Financial Accounting	3	5
ACC 113	Intro. to Managerial Accounting	3	5
BUS 101	Introduction to Business	3	5
BUS 111	Finite Mathematics for Business	3	5
BUS 195	Business Calculus and Applications	3	5
BUS 201	International Business	3	5
BUS 360	Innovation and Entrepreneurship	3	5
BUS 401	Business Policy and Strategic Management	3	6
ECO 101	Principles of Microeconomics	3	5
ECO 102	Principles of Macroeconomics	3	5
FIN 101	Essentials of Financial Analysis	3	6
LAW 101	Business Law I	3	5
MAR 101	Introduction to Marketing	3	5
MGT 101	Principles of Management	3	5
MGT 205	Organizational Behavior	3	5
<b>Total Credits/ECTS</b>		<b>45</b>	<b>77</b>

## MAJOR REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
BUS 215	Business Research	3	6
BUS 411	Senior Project	3	10
MAR 111	Advertising and Sales Promotion	3	6
MAR 115	Fundamentals of Social Media	3	5
MAR 125	Integrated Marketing Communications	3	6
MAR 204	Consumer Behaviour	3	6
MAR 205	Selling and Sales Management	3	6
MAR 207	Direct Marketing	3	6
MAR 213	The Art of Persuasion	3	6
MAR 312	Integrated Marketing Communications Campaigns	3	6
MAR 317	Digital Communications Strategy	3	6
PRS 320	Public Relations Management and Practice	3	6
Major Electives <sup>1</sup>		15	30
<b>Total Credits/ECTS</b>		<b>51</b>	<b>105</b>

## <sup>1</sup> MAJOR ELECTIVES (15 CREDITS/30 ECTS)

Select **five** of the following courses::

CODE	COURSE TITLE	CREDITS	ECTS
COM 103	Mass Media Writing	3	6
COM 220	Intercultural Communication	3	6
MAR 209	Consumer Behavior and Social Media	3	6
MAR 260	Professional Selling	3	6
MAR 302	Marketing Research	3	6
MAR 308	Brand Management	3	6
MAR 316	E-Marketing	3	6
MAR 400	Internship in Marketing Communications	3	6
MAR 404	Advertising and Symbolism	3	6
PRS 260	Issues, Crisis Management and CSR	3	6
PRS 290	Public Relations Audit-Project	3	6
TSM 202	Event Management	3	6

## FREE ELECTIVES (9 CREDITS/16 ECTS)

■ The program is also offered through Distance Learning mode.

# Business Administration/MBA

(18 MONTHS, MASTER IN BUSINESS ADMINISTRATION/MBA)

## DEGREE REQUIREMENTS

All students pursuing the MBA degree must complete the following requirements:

	CREDITS	ECTS
MBA Core Courses	27	68
Research Project	3	22
<b>Total Requirements</b>	<b>30</b>	<b>90</b>

## RESEARCH PROJECT

CODE	COURSE TITLE	CREDITS	ECTS
MBA 699	Master Comprehensive Project	3	22
<b>Total Credits/ECTS</b>		<b>3</b>	<b>22</b>

## MBA CORE COURSES

CODE	COURSE TITLE	CREDITS	ECTS
A621	Financial and Managerial Accounting	3	7
EC 611	Managerial Economics and Finance	3	8
IB 642	Global Business Environment	3	7
MG 614	Decisions in Operations Management	3	8
MG 645	Human Resource Management and Leadership	3	7
MG 669	Strategic Management	3	8
MG 686	Research and Technology Development	3	8
MK 641	Strategic Marketing Management	3	8
MK 643	Product and Services Management	3	7
<b>Total Credits/ECTS</b>		<b>27</b>	<b>68</b>

■ The program is also offered through Distance Learning mode.

# Business Administration

(DOCTORATE, Ph.D.)

## PROGRAM REQUIREMENTS

All students pursuing the Ph.D. Program "Business Administration" must complete the following requirements:

REQUIREMENTS	ECTS
<b>Specific Coursework - Courses</b>	<b>30</b>
MGT 710 Epistemology of Science and Management Research	10
MGT 730 Strategy and Organizational Science	10
MGT 740 Selected Studies in Business Administration	10
<b>Comprehensive Qualifying Examination</b>	<b>10</b>
<b>Preparation and Submission of a Thesis - Dissertation Proposal</b>	<b>10</b>
<b>Ph.D. Project</b>	<b>85</b>
<b>Ph.D. Thesis - Dissertation</b>	<b>45</b>
<b>Total ECTS</b>	<b>180</b>

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The School  
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Social and  
Education  
Sciences



# Music

(4 YEARS, BACHELOR OF MUSIC)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor Degree in "Music" must complete the following requirements:

	CREDITS	ECTS	HOURS
General Education Requirements	3	6	3
Core Requirements	87	174	87
Music Electives	24	48	24
Free Electives	6	12	6
<b>Total Requirements</b>	<b>120</b>	<b>240</b>	<b>120</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS	HOURS
ENA102	English for Art and Design III	3	6	3

## CORE REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS	HOURS
MUP 080	Large Ensemble I*	0	-	0
MUP 081	Large Ensemble II*	0	-	0
MUP 082	Large Ensemble III*	0	-	0
MUP 083	Large Ensemble IV*	0	-	0
MUP 084	Large Ensemble V*	0	-	0
MUP 085	Large Ensemble VI*	0	-	0
MUP 090	Concert Attendance I	0	-	0
MUP 091	Concert Attendance II	0	-	0
MUP 092	Concert Attendance III	0	-	0
MUP 093	Concert Attendance IV	0	-	0
MUP 094	Concert Attendance V	0	-	0
MUP 095	Concert Attendance VI	0	-	0
MUP 115	Aural Skills I	2	4	2
MUP 116	Aural Skills II	2	4	2
MUP 128	Principles of Ensemble Playing	2	4	2
MUP 132	Applied Primary Study I	1	2	1
MUP 133	Applied Primary Study II	1	2	1
MUP 160	Applied Secondary Study I **	1	2	1
MUP 161	Applied Secondary Study II **	1	2	1
MUP 162	Applied Secondary Study III **	1	2	1
MUP 163	Applied Secondary Study IV **	1	2	1
MUP 180	Chamber Ensemble I	1	2	1
MUP 181	Chamber Ensemble II	1	2	1
MUP 182	Chamber Ensemble III	1	2	1
MUP 201	Conducting	3	6	3
MUP 202	Fundamental Music Skills	2	4	2
MUP 215	Aural Skills III	2	4	2
MUP 216	Aural Skills IV	2	4	2
MUP 232	Applied Primary Study III	1	2	1
MUP 233	Applied Primary Study IV	1	2	1
MUP 332	Advanced Applied Primary Study I	1	2	1
MUP 333	Advanced Applied Primary Study II	1	2	1
MUP 414	Advanced Musicianship	1	2	1
MUP 432	Advanced Applied Primary Study III	1	2	1
MUP 433	Concert Exam or	2	4	2
MUP 434	Recital	2	4	2
MUS 101	Music Appreciation	3	6	3
MUS 102	Music in Practice I: Rudiments of Music	3	6	3
MUS 103	Music in Practice II: Diatonic Harmony	3	6	3
MUS 116	Introduction to Forms	3	6	3
MUS 117	Music Technology II	3	6	3
MUS 181	Introduction to Music Education	3	6	3

MUS 202	Music in Practice III: Chromatic Harmony	3	6	3
MUS 203	Music in Practice IV: Introduction to Composition	2	4	2
MUS 214	Instrumentation and Arranging	3	6	3
MUS 262	Music History I: Ancient to Baroque	3	6	3
MUS 263	Music History II: Classical to Modern	3	6	3
MUS 264	Music History III: Twentieth Century and Beyond	3	6	3
MUS 267	Composition	3	6	3
MUS 310	Choral Methods & Rehearsal Techniques	2	4	2
MUS 314	Instrumental Methods & Rehearsal Techniques	3	6	3
MUS 336	Contemporary Music of Greece and Cyprus	3	6	3
MUS 361	Music in Early Childhood	3	6	3
MUS 372	Contemporary Music Teaching	3	6	3
MUS 472	Music Practicum	3	6	3

## MUSIC ELECTIVES (24 CREDITS/48 ECTS)

Students select **eight** from the following music elective courses

CODE	COURSE TITLE	CREDITS	ECTS	
<b>Music Education and Music Therapy</b>		<b>21</b>	<b>42</b>	<b>21</b>
MUS 355	Teaching Music in an Intercultural Context	3	6	3
MUS 357	Music Therapy and Special Music Education	3	6	3
MUS 376	Creativity and Improvisation in Music Teaching and Learning	3	6	3
MUS 413	Instrumental Methods and Rehearsal Techniques II	3	6	3
MUS 476	Music Repertoire and Pedagogy	3	6	3
MUS 478	Music in Therapy and in Education: Fostering communication	3	6	3
MUS 479	Creative Music and Music Therapy Strategies	3	6	3
<b>Composition and Musicology</b>		<b>21</b>	<b>42</b>	<b>21</b>
MUS 212	Counterpoint	3	6	3
MUS 319	Music Technology II	3	6	3
MUS 333	Musics of the World	3	6	3
MUS 334	Folk Music of Greece and Cyprus	3	6	3
MUS 367	Creative Orchestration and Composition Techniques	3	6	3
MUS 386	America meets Europe	3	6	3
MUS 447	Music Figures and Masterpieces	3	6	3
<b>Performance</b>		<b>18</b>	<b>36</b>	<b>18</b>
MUP 301	Advanced Conducting	3	6	3
MUS 304	Skills for the Contemporary Musician	3	6	3
MUS 317	Elements of Jazz	3	6	3
MUS 328	Advanced Jazz Harmony	3	6	3
MUS 350	Byzantine Music	3	6	3
MUS 465	Jazz, Rock and Popular Music	3	6	3
<b>Other topics</b>		<b>6</b>	<b>12</b>	<b>6</b>
MUS 402	Special Topics in Music	3	6	3
MUS 403	Current Issues in Music	3	6	3

## FREE ELECTIVES (6 CREDITS/12 ECTS/6 HOURS)

\* Membership to Large Ensemble (MUP80 - MUP85) consists of Concert Choir (Section A), Symphonic Band (Section B) and Jazz Ensemble (Section C). At least two semesters of Large Ensemble should be in Concert Choir.

\*\* Students whose primary study is not piano, should take the following class piano series instead of MUP160 - MUP163: Applied Secondary Study I-IV

CODE	COURSE TITLE	CREDITS	ECTS	HOURS
MUP 137	Class Piano I	2	2	2
MUP 138	Class Piano II	2	2	2
MUP 237	Class Piano III	2	2	2
MUP 238	Class Piano IV	2	2	2

# Psychology

(4 YEARS, BACHELOR OF ARTS)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor of Arts degree in "Psychology" must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	15	30
Major Requirements	60	120
Major Electives	36	72
Free Electives	9	18
<b>Total Requirements</b>	<b>120</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
COM 105	Communication for Psychology Students	3	6
ENG 103	Instruction in Expository Writing	3	6
PHL 102	Introduction to Ethics	3	6
	General Education Electives	6	12
	<b>Total Credits/ECTS</b>	<b>15</b>	<b>30</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
PSY 112	Psychology I	3	6
PSY 113	Psychology II	3	6
PSY 116	Statistics in Psychological Science I	3	6
PSY 225	Statistics in Psychological Science II	3	6
PSY 253	Introduction to Research Methods in Psychology	3	6
PSY 257	Developmental Psychology I	3	6
PSY 258	Developmental Psychology II	3	6
PSY 272	Experimental Psychology	3	6
PSY 315	Theories of Personality	3	6
PSY 321	Introduction to Counselling Psychology	3	6
PSY 330	Psychopathology I	3	6
PSY 336	Psychology of Learning	3	6
PSY 337	Cognitive Psychology	3	6
PSY 346	Psychological Measurement	3	6
PSY 390	History and Systems of Psychology	3	6
PSY 401	Research Methods in Psychology	3	6
PSY 450	Introduction to Clinical Psychology	3	6
PSY 454	Practicum in Psychology	3	6
PSY 455	Senior Project in Psychology I	3	6
PSY 456	Senior Project in Psychology II	3	6
	<b>Total Credits/ECTS</b>	<b>60</b>	<b>120</b>

## MAJOR ELECTIVES (36 CREDITS/72 ECTS)

Students select **twelve** courses from the following list

CODE	COURSE TITLE	CREDITS	ECTS
PSY 207	Fundamentals of Human Sexuality	3	6
PSY 213	Social Psychology	3	6
PSY 214	An Introduction to Group Dynamics	3	6
PSY 216	Psychology of Gender	3	6
PSY 219	Human Relations	3	6
PSY 220	Industrial/ Organizational Psychology	3	6
PSY 240	Introduction to Biopsychology	3	6
PSY 241	Sport Psychology	3	6
PSY 255	Health Psychology	3	6
PSY 303	Cultural Psychology	3	6
PSY 312	Psychology of Language	3	6
PSY 350	Educational Psychology	3	6
PSY 352	Abnormal Child Psychology	3	6
PSY 353	Sensation and Perception	3	6
PSY 354	Theories of Intelligence	3	6
PSY 402	Introduction to Forensic Psychology	3	6
PSY 406	Special Topics in Psychology	3	6
PSY 415	Psychology of Religion	3	6
PSY 416	Psychology of the Family	3	6
PSY 417	Introduction to Psychoanalysis	3	6
PSY 430	Psychopathology II	3	6
PSY 431	Psychotherapies	3	6
PSY 457	Techniques of Counselling	3	6
PSY 458	Introduction to Neuropsychology	3	6

## FREE ELECTIVES (9 CREDITS/18 ECTS)

■ The program is also offered through Distance Learning mode.

# Digital Media

(18 MONTHS, MASTER OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Master of Science degree in "Digital Media" must complete the following requirements:

	ECTS
Compulsory courses	52
Major Electives	16
Master Thesis	22
<b>Total Requirements</b>	<b>90</b>

## COMPULSORY COURSES

CODE	COURSE TITLE	ECTS
CSC 610	Technologies for Digital Media	8
CSC 640	Blogging, Microblogging, and Content-Management Systems	10
CSC 690	Research Methods	6
DMD 600	Introduction to Digital Media and Society	8
DMD 640	New Media Literacy	10
DMD 650	Participatory Politics: New Media and Democracy	10
	<b>Total ECTS</b>	<b>52</b>

## MAJOR ELECTIVES

CODE	COURSE TITLE	ECTS
CSC 670	Search Engine Optimization Strategies	8
CSC 675	Web Technologies and Programming	8
CSC 680	User Experience Design	8
DMD 655	Creating Content in the Age of Web 2.0	8
DMD 660	Motion Design: Principles and Practices	8
DMD 665	Social media, Culture and Identity	8
	<b>Total ECTS</b>	<b>16</b>

## MASTER THESIS

CODE	COURSE TITLE	ECTS
DMD 690	Master Thesis	22
	<b>Total ECTS</b>	<b>22</b>

# Early Childhood Education

(18 MONTHS, MASTER OF ARTS)

## DEGREE REQUIREMENTS

All students pursuing the Master of Arts degree in “Early Childhood Education” must complete the following requirements:

	CREDITS	ECTS
Core Courses	6	16
Specialization Courses	9	30
Elective Courses	9	24
Master Thesis or Selection of <b>Two</b> Courses	6	20
<b>Total Requirements</b>	<b>30</b>	<b>90</b>

## CORE COURSES

CODE	COURSE TITLE	CREDITS	ECTS
EDG 599	Educational Research Methodology	3	10
EDG 609	Socio-Cultural Educational Issues	3	6
<b>Total Credits/ECTS</b>		<b>6</b>	<b>16</b>

## SPECIALIZATION COURSES

CODE	COURSE TITLE	CREDITS	ECTS
EDE 600	Learning in Early Childhood Education	3	10
EDE 601	Play: Educational Dimensions for Young Children	3	10
EDE 602	Action Research in Early Childhood Education	3	10
<b>Total Credits/ECTS</b>		<b>9</b>	<b>30</b>

## ELECTIVE COURSES (9 CREDITS/24 ECTS)

Students select **three** of the following courses:

CODE	COURSE TITLE	CREDITS	ECTS
EDE 603	Differentiation Practices in Early Childhood Education	3	8
EDE 604	Literacy Practices in Early Childhood Education	3	8
EDE 605	Contemporary Approaches of Sciences and Mathematics in Early Childhood Education	3	8
EDE 606	Art Styles, Expression and Creativity for Young Children	3	8
EDE 607	Music Development, Learning and Creativity in Early Childhood Education	3	8
EDE 608	Contemporary Issues in Early Childhood Education	3	8

## MASTER THESIS

CODE	COURSE TITLE	CREDITS	ECTS
EDG 695	Master Thesis, or Selection of <b>two</b> courses:	6	20
EDG 681	Quantitative Research Approaches in Education Sciences	3	12
EDG 682	Qualitative Research Approaches in Education Sciences	3	12
Elective course		3	8
<b>Total Credits/ECTS</b>		<b>6</b>	<b>20</b>

# Education Sciences

(DOCTORATE, Ph.D.)

## PROGRAM REQUIREMENTS

The students pursuing the Ph.D. Program "Education Sciences" must complete the following requirements:

REQUIREMENTS	ECTS
<b>Specific Coursework - Courses</b>	<b>30</b>
EDG 734 Advanced Methods in Qualitative Research	7
EDG 735 Advanced Methods in Quantitative Research	7
EDG 744 Studies in Education Sciences	10
EDG 754 Individual Study in Specialized Topics	6
<b>Comprehensive Exam</b>	<b>10</b>
<b>Proposal Defense</b>	<b>10</b>
<b>Independent research Work</b>	<b>85</b>
<b>Dissertation Defense</b>	<b>45</b>
<b>Total ECTS</b>	<b>180</b>

# Psychology

(DOCTORATE, Ph.D.)

## PROGRAM REQUIREMENTS

The students pursuing the Ph.D. Program "Psychology" must complete the following requirements:

REQUIREMENTS	ECTS
<b>Compulsory Courses</b>	<b>30</b>
PSY 711 Advanced Research Methodology	10
PSY 712 Advanced Statistics	10
PSY 723 Preparation and Writing of the PhD Dissertation	10
<b>Comprehensive Examination</b>	<b>10</b>
<b>Preparation and Submission of the PhD research proposal</b>	<b>10</b>
<b>Independent research according to the approved PhD research proposal</b>	<b>85</b>
<b>Writing, Submission and Public Presentation of the PhD project</b>	<b>45</b>
<b>Total ECTS</b>	<b>180</b>

# The School of Sciences



# Biomedical Sciences

(4 YEARS, BACHELOR OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor of Science degree in "Biomedical Sciences" must complete the following requirements:

	ECTS
YEAR 1	60
YEAR 2	60
YEAR 3	60
YEAR 4	60
<b>Total Requirements</b>	<b>240</b>

### YEAR 1

#### SEMESTER 1

CODE	COURSE TITLE	ECTS
BMS 111	Introduction to Human Biology	6
BMS 112	Calculus I	5
CHE 113	General and Inorganic Chemistry	9
ENH 090	English for Health Sciences III	5
EUC 110	Academic skills	5
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 2

CODE	COURSE TITLE	ECTS
BMS 121	Organic Chemistry	6
BMS 122	Anatomy I	6
BMS 123	Physiology I	6
BMS 124	Cell Biology	7
BMS 125	Physics for biomedical sciences	5
<b>Total ECTS</b>		<b>30</b>

### YEAR 2

#### SEMESTER 3

CODE	COURSE TITLE	ECTS
BMS 211	Anatomy II	6
BMS 212	Physiology II	6
BMS 213	Molecular Biology	6
BMS 214	Biochemistry I	7
BMS 215	Applied Biostatistics	5
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 4

CODE	COURSE TITLE	ECTS
BMS221	Biochemistry II	8
BMS222	Basic Epidemiology	6
BMS223	Histology I	8
BMS224	Medical Genetics	8
<b>Total ECTS</b>		<b>30</b>

### YEAR 3

#### SEMESTER 5

CODE	COURSE TITLE	ECTS
BIO307	Biotechnology	5
BMS311	Developmental Biology and Embryology	5
BMS312	Bioinformatics	5
BMS313	Nutrition and metabolism	5
BMS314	Reproductive biology	5
RES303	Research Methodology in Health Sciences	5
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 6

CODE	COURSE TITLE	ECTS
BMS 321	Microbiology	7
BMS 322	Clinical Immunology and Hematology	7
BMS 323	Bioethics and Scientific Integrity	5
BMS 324	Regenerative Medicine	6
Elective Course*		5
<b>Total ECTS</b>		<b>30</b>

### YEAR 4

#### SEMESTER 7

CODE	COURSE TITLE	ECTS
BMS 411	Final year project I	8
BMS 412	Systems Biomedicine	6
BMS 413	Cancer Biology	6
BMS 414	Molecular Pharmacology	5
Elective Course*		5
<b>Total ECTS</b>		<b>30</b>

#### SEMESTER 8

CODE	COURSE TITLE	ECTS
BMS 421	Final year project II	12
BMS 422	Clinical Chemistry	7
BMS 423	Drugs and disease	5
BMS 424	Pathobiology	6
<b>Total ECTS</b>		<b>30</b>

#### \* ELECTIVES ARE SELECTED FROM THE LIST BELOW:

CODE	COURSE TITLE	ECTS
BIO 308	Teaching Biology	5
BMS 325	Health Care Management and Public Health	5
BMS 326	Cellular Neuroscience	5
BMS 327	Toxicology and Forensics	5
BMS 415	Medical Psychology	5
BMS 416	Personalized Medicine	5

# Computer Engineering

## Telecommunications - Data and Computer Networking

(4 YEARS, BACHELOR OF SCIENCE)

**DEGREE REQUIREMENTS**

All students pursuing the Bachelor of Science degree in "Computer Engineering" must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	18	31
Science Requirements	8	15
Mathematics Requirements	17	31
Major Requirements	77	153
Free Electives	6	10
<b>Total Requirements</b>	<b>126</b>	<b>240</b>

**GENERAL EDUCATION REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
COM 101	Public Speaking	3	5
CSC 135	Writing for Computer Science and Engineering	3	4
ENG 103	Instruction in Expository Writing	3	6
PSY 103	Introduction to Psychology	3	6
General Education Electives		6	10
<b>Total Credits/ECTS</b>		<b>18</b>	<b>31</b>

**SCIENCE REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
PHY 101	Introductory Physics I	3	5
PHY 102	Introductory Physics II	3	4
PHY 161	Introductory Physics I Laboratory	1	3
PHY 162	Introductory Physics II Laboratory	1	3
<b>Total Credits/ECTS</b>		<b>8</b>	<b>15</b>

**MATHEMATICS REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
MAT 101	Calculus I	4	7
MAT 102	Calculus II	4	7
MAT 202	Differential Equations	3	6
MAT 206	Linear Algebra	3	5
MAT 217	Probability & Statistics	3	6
<b>Total Credits/ECTS</b>		<b>17</b>	<b>31</b>

**MAJOR REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
CSC 120	Discrete Structures	3	6
CSC 131	Programming Principles I	3	6
CSC 132	Programming Principles II	3	6
CSC 134	Computer Applications for Engineers	3	6
CSC 205	Data Structures & Algorithms	3	6
CSC 213	Digital Logic	3	5
CSC 214	Computer Organization & Architecture	3	6
CSC 305	Assembly Language	3	5
CSC 322	Data Communications and Computer Networks	3	6
CSC 327	Operating Systems	3	6
ECE 101	Electric Circuits I	3	5
ECE 141	Electric Circuits I Laboratory	1	3
ECE 202	Electric Circuits II	3	5
ECE 211	Electronics I	3	5
ECE 212	Electronics II	3	5
ECE 242	Electric Circuits II Laboratory	1	3
ECE 271	Electronics I Laboratory	1	3
ECE 272	Electronics II Laboratory	1	3
ECE 273	Digital Logic Design Laboratory	1	3
ECE 347	Operating Systems Laboratory	1	3
ECE 338	Microprocessors and Microcomputers	3	5
ECE 389	Microprocessors and Microcomputers Laboratory	1	3
ECE 414	Advanced Computer Organization and Architecture	3	5
ECE 416	Computer Engineering Design	3	6

ECE 482	Data Communications and Computer Networks Laboratory	1	3
ECE 491	Senior Design Project	3	10
Major Electives *		15	25
<b>Total Credits/ECTS</b>		<b>77</b>	<b>153</b>

**\* MAJOR ELECTIVES (15 CREDITS/25 ECTS)**

Students select **five** of the following courses. Students are required to take at least three (3) ECE courses as Computer Engineering Major Electives from the list of Major Electives..

CODE	COURSE TITLE	CREDITS	ECTS
CSC 133	Web Technologies	3	5
CSC 209	Web Programming	3	6
CSC 230	Systems Analysis and Design	3	5
CSC 231	Visual Programming	3	6
CSC 233	Search Engine Optimisation and Internet Marketing	3	6
CSC 324	Compiler Design	3	5
CSC 326	Programming in Unix-like Environment	3	6
CSC 328	Computer Graphics I	3	5
CSC 330	Fundamentals of Distributed Systems	3	6
CSC 331	Database Management Systems	3	6
CSC 340	Artificial Intelligence	3	5
CSC 341	Human Computer Interaction	3	5
CSC 342	The Java Programming Language	3	6
CSC 391	Digital Game Design	3	6
CSC 392	Smartphone Programming	3	6
CSC 401	Theory of Computation	3	6
CSC 403	Graph Theory	3	6
CSC 428	Digital Image Processing and Computer Vision	3	6
CSC 440	Network Security	3	6
CSC 450	Contemporary Topics	3	6
CSC 460	Cybercrime Concepts and Legal Considerations	3	6
CSW 231	User Interface Development	3	5
CSW 341	E-commerce and the Internet	3	6
ECE 415	Embedded Systems	3	6
ECE 418	Internship Project	3	5
ECE 432	Parallel Computing	3	5
ECE 450	Contemporary Topics	3	6
ECE 461	Introduction to Robotics	3	5
ECE 462	VLSI Design	3	5
ECE 463	FPGA Design Using VHDL	3	5
MAT 203	Multivariable Calculus	3	6
MAT 205	Introduction to Cryptography	3	6
MAT 208	Discrete-Time Systems	3	6

**Telecommunications**

All courses will be taken to fulfil degree requirements; no extra courses will be required. All 5 courses can be taken as Computer Engineering major electives.:

CSC 404	Wireless and Mobile Networks	3	5
ECE 350	Signals and Systems Theory	3	6
ECE 351	Electric and Magnetic Fields	3	6
ECE 431	Digital Signal Processing	3	5
ECE 452	Microwave and Optical Transmission	3	6

**Data and Computer Networking**

Students wishing to follow the Concentration in Data and Computer Networking are required to register for all 5 courses listed below as part of their 5 major elective courses:

CSC 404	Wireless and Mobile Networks	3	5
ECE 361	Network Fundamentals	3	6
ECE 362	Routing Protocols and Concepts	3	6
ECE 364	Scaling Networks	3	6
ECE 365	Connecting Networks	3	6

FREE ELECTIVES (6 CREDITS/10 ECTS)

# Computer Science

## Game Design and Development - Software Engineering

(4 YEARS, BACHELOR OF SCIENCE)

**DEGREE REQUIREMENTS**

All students pursuing the Bachelor of Science degree in "Computer Science" must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	24	38
Mathematics Requirements	17	31
Major Requirements	75	148
Free Electives	12	23
<b>Total Requirements</b>	<b>128</b>	<b>240</b>

**GENERAL EDUCATION REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
COM 101	Public Speaking	3	5
ENG 103	Instruction in Expository Writing	3	6
CSC 135	Writing for Computer Science and Engineering	3	4
PSY 103	Introduction to Psychology	3	6
	General Education Electives	12	17
	<b>Total Credits/ECTS</b>	<b>24</b>	<b>38</b>

**MATHEMATICS REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
MAT 101	Calculus I	4	7
MAT 102	Calculus II	4	7
MAT 206	Linear Algebra	3	5
MAT 217	Probability & Statistics	3	6
	<b>Mathematics Elective</b>	<b>3</b>	<b>6</b>
Students select <b>one</b> of the following courses			
MAT 202	Differential Equations	3	6
MAT 203	Multivariable Calculus	3	6
MAT 205	Introduction to Cryptography	3	6
MAT 208	Discrete-Time Systems	3	6
MAT 350	Mathematics and Modelling for Game Programming	3	6
	<b>Total Credits/ECTS</b>	<b>17</b>	<b>31</b>

**MAJOR REQUIREMENTS**

CODE	COURSE TITLE	CREDITS	ECTS
CSC 120	Discrete Structures	3	6
CSC 130	Introduction to Computer Science	3	5
CSC 131	Programming Principles I	3	6
CSC 132	Programming Principles II	3	6
CSC 133	Web Technologies	3	5
CSC 205	Data Structures and Algorithms	3	6
CSC 209	Web Programming	3	6
CSC 213	Digital Logic	3	5
CSC 214	Computer Organization and Architecture	3	6
CSC 230	Systems Analysis and Design	3	5
CSC 322	Data Communications and Computer Networks	3	6
CSC 323	Programming Languages	3	6
CSC 326	Programming in Unix-like Environment	3	6
CSC 327	Operating Systems	3	6
CSC 330	Fundamentals of Distributed Systems	3	6
CSC 331	Database Management Systems	3	6
CSC 401	Theory of Computation	3	6
CSC 407	Algorithms	3	5
CSC 411	Software Engineering I	3	6
CSC 412	Software Engineering II	3	6
CSC 491	Senior Project	3	10
	Major Electives*	12	23
	<b>Total Credits/ECTS</b>	<b>75</b>	<b>148</b>

**\*MAJOR ELECTIVES (12 CREDITS/23 ECTS)**

Students select **four** of the following courses. Students are required to take at least **two** CSC courses as Computer Science Electives.

CODE	COURSE TITLE	CREDITS	ECTS
CSC 134	Computer Applications for Engineers	3	6
CSC 233	Search Engine Optimisation and Internet Marketing	3	6
CSC 305	Assembly Language	3	5
CSC 324	Compiler Design	3	5
CSC 340	Artificial Intelligence	3	5
CSC 342	The Java Programming Language	3	6
CSC 403	Graph Theory	3	6
CSC 404	Wireless and Mobile Networks	3	5
CSC 418	Internship Project	3	6
CSC 425	Management Information Systems	3	7
CSC 428	Digital Image Processing and Computer Vision	3	6
CSC 440	Network Security	3	6
CSC 450	Contemporary Topics	3	6
CSC 460	Cybercrime Concepts and Legal Considerations	3	6
CSW 231	User Interface Development	3	5
CSW 341	E-commerce and the Internet	3	6
ECE 361	Network Fundamentals	3	6
ECE 362	Routing Protocols and Concepts	3	6
ECE 364	Scaling Networks	3	6
ECE 365	Connecting Networks	3	6
ECE 415	Embedded Systems	3	6
ECE 431	Digital Signal Processing	3	5
ECE 432	Parallel Computing	3	5
ECE 450	Contemporary Topics	3	6
ECE 461	Introduction to Robotics	3	5
MAT 202	Differential Equations	3	6
MAT 203	Multivariable Calculus	3	6
MAT 205	Introduction to Cryptography	3	6
MAT 208	Discrete-Time Systems	3	6

**Game Design and Development**

All courses will be taken to fulfil degree requirements; no extra courses will be required. **Four** out of the **five** courses (all CSC) can be taken as Computer Science major electives. The **fifth** course can be taken either as a Free elective or a Mathematics elective.

CSC 328	Computer Graphics I	3	5
CSC 341	Human Computer Interaction	3	5
CSC 370	Scripting for Game Development	3	6
CSC 391	Digital Game Design	3	6
MAT 350	Mathematics and Modelling for Game Programming	3	6

**Software Engineering**

All courses will be taken to fulfil degree requirements; no extra courses will be required. Of the **five** courses: **four** will be taken as Computer Science major electives and the last one as 1 Free elective.

CSC 231	Visual Programming	3	6
CSC 341	Human Computer Interaction	3	5
CSC 392	Smartphone Programming	3	6
CSW 431	Data Mining and Web Mining	3	7
CSW 441	Web Engineering	3	6

**FREE ELECTIVES (12 CREDITS/23 ECTS)**

# Electrical and Electronic Engineering

(4 YEARS, BACHELOR OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor of Science degree in “Electrical and Electronic Engineering” must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	15	25
Science Requirements	8	15
Mathematics Requirements	20	37
Major Requirements	74	148
Free Electives	9	15
<b>Total Requirements</b>	<b>126</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
COM 101	Public Speaking	3	5
CSC 135	Writing for Computer Science and Engineering	3	4
ENG 103	Instruction in Expository Writing	3	6
PSY 103	Introduction to Psychology	3	6
	General Education Electives	3	4
	<b>Total Credits/ECTS</b>	<b>15</b>	<b>25</b>

## SCIENCE REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
PHY 101	Introductory Physics I	3	5
PHY 102	Introductory Physics II	3	4
PHY 161	Introductory Physics I Laboratory	1	3
PHY 162	Introductory Physics II Laboratory	1	3
	<b>Total Credits/ECTS</b>	<b>8</b>	<b>15</b>

## MATHEMATICS REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
MAT 101	Calculus I	4	7
MAT 102	Calculus II	4	7
MAT 202	Differential Equations	3	6
MAT 203	Multivariable Calculus	3	6
MAT 206	Linear Algebra	3	5
MAT 217	Probability & Statistics	3	6
	<b>Total Credits/ECTS</b>	<b>20</b>	<b>37</b>

## MAJOR REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
CSC 131	Programming Principles I	3	6
ECE 100	Introduction to Engineering Principles and Measurements	3	6
ECE 101	Electric Circuits I	3	5
ECE 141	Electric Circuits I Laboratory	1	3
ECE 202	Electric Circuits II	3	5
ECE 211	Electronics I	3	5
ECE 212	Electronics II	3	5
ECE 213	Digital Logic	3	5
ECE 215	Computer Organization & Architecture	3	6
ECE 242	Electric Circuits II Laboratory	1	3
ECE 271	Electronics I Laboratory	1	3
ECE 272	Electronics II Laboratory	1	3
ECE 273	Digital Logic Design Laboratory	1	3

ECE 322	Data Communications and Computer Networks	3	6
ECE 330	Introduction to Communication Systems	3	5
ECE 338	Microprocessors and Microcomputers	3	5
ECE 350	Signals and Systems Theory	3	6
ECE 351	Electric and Magnetic Fields	3	6
ECE 370	Power Engineering	3	6
ECE 389	Microprocessors and Microcomputers Laboratory	1	3
ECE 440	Control Systems and Theory	3	6
ECE 441	Control Systems Laboratory	1	3
ECE 473	Power Electronics	3	6
ECE 482	Data Communications and Computer Networks Laboratory	1	3
ECE 491	Senior Design Project	3	10
	Major Electives <sup>1</sup>	15	25
	<b>Total Credits/ECTS</b>	<b>74</b>	<b>148</b>

## <sup>1</sup>MAJOR ELECTIVES (15 CREDITS/25 ECTS)

Students must select any **five** of the courses available from the list of major electives, some of which must be from the specialization areas “**Electrical Engineering**” and “**Electronic Engineering**” according to the requirements of the local professional certification body.

CODE	COURSE TITLE	CREDITS	ECTS
BUS 360	Innovation and Entrepreneurship	3	5
CSC 305	Assembly Language	3	5
CSC 330	Fundamentals of Distributed Systems	3	6
ECE 418	Internship Project	3	5
ECE 450	Contemporary Topics	3	6

### Specialization area: Electronic Engineering

ECE 361	Network Fundamentals	3	6
ECE 362	Routing Protocols and Concepts	3	6
ECE 415	Embedded Systems	3	6
ECE 431	Digital Signal Processing	3	5
ECE 432	Parallel Computing	3	5
ECE 452	Microwave and Optical Transmission	3	6
ECE 462	VLSI Design	3	5
ECE 463	FPGA Design Using VHDL	3	5

### Specialization area: Electrical Engineering

ECE 420	Renewable Energy Sources	3	5
ECE 422	Photovoltaic Technologies	3	5
ECE 423	Electrical Integration of Renewable Technologies	3	5
ECE 471	Power Systems: Analysis	3	6
ECE 472	Electrical Energy: Generation, Transport and Distribution	3	6
ECE 474	Wiring Regulations: Explained and Illustrated	3	5
ECE 475	Wiring Regulations: Design and verification of electrical installations	3	5

## FREE ELECTIVES (9 CREDITS/15 ECTS)

# Microsoft® Information Systems/ Web Technologies

(4 YEARS, BACHELOR OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Bachelor of Science degree in “Microsoft® Information Systems/Web Technologies” must complete the following requirements:

	CREDITS	ECTS
General Education Requirements	21	36
Business Core Requirements	27	48
Major Requirements	69	139
Free Electives	9	17
<b>Total Requirements</b>	<b>126</b>	<b>240</b>

## GENERAL EDUCATION REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
COM 101	Public Speaking	3	5
CSC 135	Writing for Computer Science and Engineering	3	4
ENG 103	Instruction in Expository Writing	3	6
MAT 115	Statistics I	3	5
	General Education Electives	9	16
	<b>Total Credits/ECTS</b>	<b>21</b>	<b>36</b>

## BUSINESS CORE REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
ACC 112	Introduction to Financial Accounting	3	5
BUS 101	Introduction to Business	3	5
BUS 111	Finite Mathematics for Business	3	5
BUS 215	Business Research	3	6
ECO 101	Principles of Microeconomics	3	5
FIN 101	Essentials of Financial Analysis	3	6
MAR 101	Introduction to Marketing	3	5
MGT 101	Principles of Management	3	5
MGT 203	Production and Operations Management	3	6
	<b>Total Credits/ECTS</b>	<b>27</b>	<b>48</b>

## MAJOR REQUIREMENTS

CODE	COURSE TITLE	CREDITS	ECTS
CSC 131	Programming Principles I	3	6
CSC 132	Programming Principles II	3	6
CSC 133	Web Technologies	3	5
CSC 209	Web Programming *	3	6
CSC 230	Systems Analysis and Design	3	5
CSC 233	Search Engine Optimisation and Internet Marketing	3	6
CSC 331	Database Management Systems *	3	6
CSC 341	Human Computer Interaction	3	5
CSC 342	The Java Programming Language	3	6
CSC 392	Smartphone Programming	3	6
CSC 411	Software Engineering I *	3	6
CSC 412	Software Engineering II *	3	6
CSW 101	Fundamentals of Information Systems	3	6
CSW 205	Fundamentals and Applications of Data Structures *	3	6
CSW 231	User Interface Development *	3	5
CSW 241	Networks and Information Security *	3	5
CSW 341	E-commerce and the Internet	3	6
CSW 421	Information Systems Strategy and Management	3	7
CSW 431	Data Mining and Web Mining	3	7
CSW 490	Senior Project	3	10
	Major Electives**	9	18
	<b>Total Credits/ECTS</b>	<b>69</b>	<b>139</b>

## \*\* MAJOR ELECTIVES (9 CREDITS/ 18 ECTS)

Students select **three** of the following courses

CODE	COURSE TITLE	CREDITS	ECTS
CSC 330	Fundamentals of Distributed Systems	3	6
CSC 351	Knowledge Management	3	6
CSC 460	Cybercrime Concepts and Legal Considerations	3	6
CSW 201	Principles of Information Management Systems	3	6
CSW 251	Developing web applications	3	6
CSW 271	Multimedia Systems	3	6
CSW 361	Advanced Web Applications	3	6
CSW 371	Ubiquitous Computing	3	6
CSW 418	Internship Project	3	6
CSW 441	Web Engineering	3	6
CSW 450	Contemporary Topics	3	6
CSW 451	Geographical Information Systems	3	6
CSW 461	Complex Networked Systems	3	6

## MAJOR ELECTIVES (9 CREDITS/17 ECTS)



\* Required for those interested in obtaining the Microsoft MTA (Microsoft Technology Associate) certification.

# Cancer Biology

(18 MONTHS, MASTER OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Master of Science Degree "Cancer Biology" must complete the following requirements:

	ECTS
Compulsory courses	40
Elective courses	20
Master Thesis	30
<b>Total Requirements</b>	<b>90</b>

## COMPULSORY COURSES

CODE	COURSE TITLE	ECTS
MCB 600	Research Methodology	10
MCB 610	Molecular and Cellular Biology of Cancer	10
MCB 620	Laboratory Techniques and Scientific Communication	10
MCB 630	Cancer Diagnostics and Therapeutics	10
	<b>Total ECTS</b>	<b>40</b>

## ELECTIVE COURSES (20 ECTS)

Students should choose **two** of the following courses:

CODE	COURSE TITLE	ECTS
MCB 640	Tumor Immunology and Immunotherapy	10
MCB 650	Bioinformatics	10
MCB 660	Cancer Systems Biology	10
MCB 670	Precision and Personalized Medicine	10

## MASTER THESIS

CODE	COURSE TITLE	ECTS
MCB 690	Master Thesis	30
	<b>Total ECTS</b>	<b>30</b>

\* All applicants must have successfully completed an undergraduate degree (with a minimum G.P.A 2.5 or "Second Class Honours" or "Very Good" or any other equivalent grade) from a recognized academic institution in Biological Sciences or Biomedical Sciences or Health Sciences or Doctor of Medicine (M.D.). In addition, applications are accepted by holders of an undergraduate degree in Chemistry or Physics or Computer Science (with adequate Biology background).

# Cybersecurity

(18 MONTHS, MASTER OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Master of Science Degree "Cybersecurity" must complete the following requirements:

	ECTS
Compulsory courses	52
Elective courses	16
Master Thesis	22
<b>Total Requirements</b>	<b>90</b>

## COMPULSORY COURSES

CODE	COURSE TITLE	ECTS
CYS 601	Introduction to Cybersecurity	7
CYS 610	Communications and Network Security	7
CYS 620	Cryptography	8
CYS 640	Cybersecurity Policy, Governance, Law and Compliance	10
CYS 650	Cybersecurity Risk Analysis and Management	10
CYS 660	Cybersecurity Architecture and Operations	10
<b>Total ECTS</b>		<b>40</b>

■ The program is also offered through Distance Learning mode.

## ELECTIVE COURSES (20 ECTS)

Students should choose **two** of the following courses:

CODE	COURSE TITLE	ECTS
CYS 631	Current Trends in Cybersecurity	8
CYS 632	Machine Learning for Cybersecurity	8
CYS 633	Data Privacy in the era of Data Mining and AI	8
CYS 634	Ethical Hacking and Penetration Testing	8
CYS 635	Incident Response & Forensic Analysis	8

## MASTER THESIS

CODE	COURSE TITLE	ECTS
CYS 690	Master Thesis	22
<b>Total ECTS</b>		<b>22</b>

# Occupational Safety and Health

(18 MONTHS, MASTER OF SCIENCE)

## DEGREE REQUIREMENTS

All students pursuing the Master Degree "Occupational Safety and Health" must complete the following requirements:

	CREDITS	ECTS
Core Courses	18	46
Elective Courses	6	14
Master Thesis	6	30
<b>Total Requirements</b>	<b>30</b>	<b>90</b>

## CORE COURSES

CODE	COURSE TITLE	CREDITS	ECTS
MSH 611	Safety & Health Management	3	8
MSH 612	Assessment & Management of H&S Risks	3	8
MSH 613	Safety Technology	3	8
MSH 614	Human and Psychological Factors in Occupational Health and Safety	3	8
MSH 621	Research Methods in OSH	3	7
MSH 622	Project Management and Managing H&S Risks in Capital Projects	3	7
<b>Total credits/ECTS</b>		<b>18</b>	<b>46</b>

## ELECTIVE COURSES (6 CREDITS/14 ECTS)

Selection of **two** elective courses must be chosen from the list below:

CODE	COURSE TITLE	CREDITS	ECTS
MSH 623	Loss Prevention and Risk Analysis in the Oil, Gas, Petrochemical and Chemical Industries	3	7
MSH 624	Major Hazard Installations and Critical Infrastructure Protection	3	7
MSH 625	Economics of Occupational Health and Safety	3	7
MSH 626	Fire Safety Management	3	7

## MASTER THESIS

CODE	COURSE TITLE	CREDITS	ECTS
MSH 690	Master Thesis	6	30
<b>Total credits/ECTS</b>		<b>6</b>	<b>30</b>

# Computing/Computer Science

(DOCTORATE, Ph.D.)

## PROGRAM REQUIREMENTS

The students pursuing the Doctorate degree in “Computing/Computer Science” must complete the following requirements:

REQUIREMENTS	ECTS
<b>Specific Coursework - Courses</b>	<b>30</b>
CSC 723 Special Topics in Computer Science	8
Core Courses for Research	
CCS 701 Research Methods in Computer Science	11
CSC 702 Computer Science Topics Research Seminar	11
<b>Comprehensive Qualifying Examination</b>	<b>10</b>
<b>Preparation and Submission of a Thesis/Dissertation Proposal</b>	<b>10</b>
<b>Ph.D. Project</b>	<b>85</b>
<b>Ph.D. Thesis - Dissertation</b>	<b>45</b>
<b>Total ECTS</b>	<b>180</b>

# Occupational Safety and Health

(DOCTORATE, PH.D.)

## PROGRAM REQUIREMENTS

The students pursuing the Ph.D. Program “Occupational Safety and Health” must complete the following requirements:

REQUIREMENTS	ECTS
<b>Specific Coursework - Courses</b>	<b>30</b>
OSH 710 Epistemology of Science and Occupational Health and Safety Management Research	10
OSH 730 Safety and Health Policy and Management	10
OSH 740 Risk Contexts	10
<b>Comprehensive Qualifying Examination</b>	<b>10</b>
<b>Preparation and Submission of a Thesis/Dissertation Proposal</b>	<b>10</b>
<b>Ph.D. Project</b>	<b>85</b>
<b>Ph.D. Thesis - Dissertation</b>	<b>45</b>
<b>Total ECTS</b>	<b>180</b>

# Admission Procedure

The Office of Admissions coordinates the admission process for undergraduate, postgraduate, and doctoral programs of study, working in partnership with the relevant University Schools and Departments.

## Admission Requirements

The applicant is required to submit the following items:

### 1. The Application Form

A completed application form with a non-refundable fee of €52.

### 2. Academic Records

a) For Undergraduate Students:

Attested copies of high school leaving diploma and of final grade marksheet in English.

b) For Graduate Students:

Attested copies of high school leaving diploma, of Bachelor's Degree and of official transcripts in English.

### 3. Transfer Students

Candidate students who have successfully completed part of their studies at an accredited university may be exempted from respective courses in the program they apply for at European University Cyprus, thus reducing the period of study to obtain their degree. For the evaluation of transferred courses, candidates must submit to the Office of Admissions, a copy of their official transcripts and course descriptions or syllabi in English for all courses completed.

### 4. Passport Copy

A copy of your valid passport.

## English Language Proficiency

Applicants whose native language is not English will take the university's English Placement Test (EPT). Applicants who have passed either the TOEFL examination with a minimum score of 550, (Paper-Based) or 213 (Computer-Based) or 79 (Internet-Based), English Language GCSE (or GCE) 'O' level with Grade 'C' and above or IELTS with a score of 6.5 and above, are exempt from the EPT, provided they have submitted original or attested results to the Office of Admissions. Candidates whose English proficiency is not up to the university's standard will take special English language classes.



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University Cyprus**

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European University Cyprus is ranked among  
the world's top 301+ universities in the  
Times Higher Education Impact Rankings



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Silver  
Until 2019



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5 Star - 2016



Signatory of The Magna Charta Universitatum



HRD 2017-2020 IN A SEARCH