

DEPARTMENT of SUPPLY CHAIN MANAGEMENT

based in Katerini

ACADEMIC CURRICULUM

The duration of studies is eight (8) semesters. Studies include teaching of theory, practical exercises, laboratory exercises, assignments, as well as site visits to manufacturing facilities.

The 7th semester provisions an internship (optional), which can take place in organizations and institutions of both the private and public sectors. The 8th semester provisions a dissertation (optional), through which students focus on an applied research topic of supply chain relevance.

Semester A							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
AY1	Introduction to Supply Chain Management	Compulsory	2	2		4	6
AY2	Introduction to Economics	Compulsory	2	2		4	5
AY3	Mathematics I	Compulsory	2	2		4	5
AY4	Business Administration	Compulsory	3	1		4	5
AY5	Informatics in Logistics	Compulsory	2		2	4	5
AY6	Research Methodology	Compulsory	1		2	3	4
AP1	English I	Elective	2			2	0
		TOTAL	14	7	4	25	30

Semester B							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
BY1	Transportation Management I	Compulsory	2		2	4	6
BY2	Total Quality Management I	Compulsory	2	2		4	5
BY3	Marketing	Compulsory	2	2		4	5
BY4	Mathematics II	Compulsory	2	2		4	5
BY5	Statistics and Data Analysis I	Compulsory	2		2	4	5
BY6	Accounting Principles	Compulsory	2	1		3	4
BP1	English II	Elective	2			2	0
		TOTAL	14	7	4	25	30

Semester C							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
CY1	Inventory Management	Compulsory	2	2		4	5
CY2	Food Technology and Distribution	Compulsory	2		2	4	5
CY3	Production Technologies	Compulsory	2	2		4	5
CY4	Information Systems Design	Compulsory	2		2	4	5
CY5	Human Resources Management	Compulsory	2	2		4	5
CY6	Packaging and Standardization	Compulsory	2	2		4	5
CP1	English III	Elective	2			2	0
		TOTAL	14	8	4	26	30

Semester D							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
DY1	Warehouse Organization and Management I	Compulsory	2		3	5	6
DY2	Production Management	Compulsory	2	2		4	5
DY3	Statistics and Data Analysis II	Compulsory	2		2	4	5
DY4	Costing	Compulsory	2	2		4	4
DY5	Materials Technology and Management	Compulsory	2		2	4	5
DY6	Consumer Behavior	Compulsory	2	2		4	5
		TOTAL	12	6	7	25	30

Semester E							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
EY1	Information Systems for Business Resource Management I	Compulsory	1		3	4	6
EY2	Procurement Management	Compulsory	2	2		4	5
EY3	Project Management I	Compulsory	2	2		4	5
EY4	Forecasting	Compulsory	2	2		4	5
EY5	Green Supply Chains	Compulsory	2	2		4	4
EY6	Quality Control	Compulsory	2		3	5	5
		TOTAL	11	8	6	25	30

Semester F							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
FY1	Organizational Behavior	Compulsory	2	2		4	5
FY2	Warehouse Organization and Management II	Compulsory	2		3	5	5
FY3	Operations Research	Compulsory	2	2		4	5
FY4	Quantitative Analysis Tools	Compulsory	2	2		4	5
FY5	Customer Relationship Management (CRM)	Compulsory	2	2		4	5
FY6	Labelling and Traceability in Supply Chains	Compulsory	2	2		4	5
		TOTAL	12	10	3	25	30

Semester G							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
COMPULSORY COURSES							
GY1	Transportation Management II	Compulsory	2	2		4	5
GY2	Total Quality Management II	Compulsory	2	2		4	5
ELECTIVE COURSES (Internship and 2 Courses or 4 Courses)							
GE7	Management of Chemicals and Hazardous Products	Elective	2	1		3	5
GE5	Information Systems for Business Resource Management II	Elective	1		2	3	5
GE6	Project Management Tools and Risk Management	Elective	1		2	3	5
GE4	Geographic Information Systems (GIS)	Elective	1		2	3	5
GE3	Simulation of Operations and Supply Networks	Elective	1		2	3	5
GE1	Quality Management in Logistics	Elective	2	1		3	5
GE8	Contracts and Negotiations	Elective	2	1		3	5
GE9	International Trade and Extroversion Strategies	Elective	2	1		3	5
GE2	Databases	Elective	2	1		3	5
GP	Internship	Elective				0	10
		TOTAL	up to 18	up to 9	up to 8		30

The students of the 7th semester, in order to accumulate a total of 30 ECTS, must definitely choose the compulsory courses “Total Quality Management II” (5 ECTS) and “Transportation Management II” (5 ECTS), followed by the options below:

- a) either decide to do an “Internship” (10 ECTS), hence they have to choose two (2) additional elective courses that in total provide extra 10 ECTS; b) or decide not to do an “Internship”, hence they have to choose four (4) additional elective courses that in total provide extra 20 ECTS.
- c) Students can choose to enroll to other elective courses as well, in addition to their obligation to complete 30 ECTS. These courses will be recorded in their grades’ transcript, but the respective ECTS credits will not be considered.

Semester H							
CODE	COURSE TITLE	CATEGORY (comp.-opt.-elect.)	THEORY (hrs/week)	EXERCISES (hrs/week)	LABORATORY (hrs/week)	TOTAL (hrs/week)	ECTS
COMPULSORY COURSES							
HY1	Digital Supply Chains	Compulsory	2	2		4	5
HE1	Analysis and Design of Distribution Networks	Elective	2	1		3	5
ELECTIVE COURSES (Dissertation and 3 Courses or 5 Courses)							
HE9	Entrepreneurship and Innovation	Elective	2	1		3	5
HE2	Intelligent Supply Chain Systems	Elective	2	1		3	5
HE4	Operations Management	Elective	1		2	3	5
HE7	Humanitarian Supply Chains	Elective	2	1		3	5
HE8	Services Management	Elective	2	1		3	5
HE3	Maritime Logistics	Elective	2	1		3	5
HE6	Sustainable Development and Circular Economy	Elective	2	1		3	5
HE5	Investments Analysis and Evaluation	Elective	2	1		3	5
HD	Dissertation	Elective					10
		TOTAL	up to 19	up to 10	up to 2		30

The students of the 8th semester, in order to accumulate a total of 30 ECTS, must definitely choose the compulsory course “Digital Supply Chains” (5 ECTS), followed by the options below:

a) either decide to do a “Dissertation” (10 ECTS), hence they have to choose three (3) additional elective courses that in total provide extra 15 ECTS; b) or decide not to do a “Dissertation”, hence they have to choose five (5) additional elective courses that in total provide extra 25 ECTS.

c) Students can choose to enroll to other elective courses as well, in addition to their obligation to complete 30 ECTS. These courses will be recorded in their grades’ transcript, but the respective ECTS credits will not be considered.