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26 Μαρτίου 2021

Καθ. Μαίρη Ιωαννίδου-Κουτσελίνη
Πρόεδρο Συμβουλίου Φορέα ΔΙ.Π.Α.Ε.
Λεωφόρος Λεμεσού 5,
2112 Λευκωσία

ΘΕΜΑ: <u>Αναβολή λήψης απόφασης για το πρόγραμμα σπουδών με την επωνυμία 'Occupational Safety and Health' (3 Years/240 ECTS, PhD) του Ιδρύματος Ανώτερης Εκπαίδευσης Ευρωπαϊκό Πανεπιστήμιο Κύπρου</u>

Αξιότιμη Κυρία Ιωαννίδου-Κουτσελίνη,

Αναφορικά με την από 4 Μαρτίου 2021 επιστολή σας (Αριθμός Φακέλου 07.14.327.080) σχετικά με το διδακτορικό πρόγραμμα σπουδών 'Occupational Safety and Health (3 years, 180 ECTS, PhD)', σας υποβάλλουμε πιο κάτω τις απαντήσεις μας σε σχέση με τα επιπρόσθετα στοιχεία (διευκρινήσεις, βελτιώσεις, και τεκμηριωμένες ενέργειες βελτίωσης) τα οποία έχουν κριθεί ως απαραίτητα για την επαναπιστοποίηση του Προγράμματος:

1. Αριθμός διδακτορικών φοιτητών ανά επιβλέποντα:

> ***Διαπιστώνεται μεγάλος αριθμός φοιτητών ανά επιβλέποντα ακαδημαϊκό. Στην απάντησή σας αναφέρεται:***
>
> ***'An internal reallocation of Ph.D. students has been performed. No faculty member supervises more than five (5) Ph.D. students now.'***
>
> ***Ο Φορέας, για σκοπούς ποιότητας των απονεμόμενων τίτλων, ζητά διευκρινίσεις για τον τρόπο με τον οποίο έγινε η ανακατανομή με τους υφιστάμενους διδακτορικούς και συγκεκριμένα ποιο το βιογραφικό αυτών στους οποίους έχουν ανακατανεμηθεί, ο τίτλος- θέμα των υπό εκπόνηση διατριβών και σε ποιο στάδιο βρίσκονται οι φοιτητές.***

Ευχαριστούμε το Φορέα που μας δίνει την ευκαιρία να διευκρινίσουμε τη διαδικασία ανακατανομής των φοιτητών/τριών του Προγράμματος, μετά και από τη σχετική επισήμανση της Επιτροπής Εξωτερικής Αξιολόγησης για ανάγκη μείωσης του αριθμού διδακτορικών φοιτητών/τριών ανά επιβλέποντα/ουσα. Σημειώνεται σχετικά ότι στη βάση της επισήμανση αυτής, η Επιτροπή Διδακτορικών Σπουδών του Προγράμματος σε Συνεδρία της (ημερ 11.1.2021), λαμβάνοντας υπόψιν την ανάγκη να δοθεί η απαραίτητη εποπτεία στους/στις διδακτορικούς φοιτητές/τριες του Προγράμματος σε επόπτες με επιστημονική συγγένεια προς τα γνωστικά αντικείμενα των διδακτορικών θεμάτων/προτάσεων των φοιτητών/τριών, τη συμπληρωματικότητα μεταξύ των μελών

των επιτροπών και την κοινή τους ερευνητική εργασία, εισηγήθηκε προς το Συμβούλιο του Τμήματος την ανάθεση επίβλεψης τεσσάρων (4) διδακτορικών φοιτητών/τριών σε καινούργιους/ες επόπτες/επόπτριες. Με την ανακατανομή αυτή, η οποία εγκρίθηκε στη συνέχεια κατά τη Συνεδρία του Συμβουλίου του Τμήματος Ηλεκτρονικών Υπολογιστών και Μηχανικής στις 19/1/2021 και επικυρώθηκε από το Συμβούλιο της Σχολής Θετικών Επιστημών στη συνεδρία του στις 20/1/2021, διασφαλίστηκε ότι κανένας/καμία επιβλέποντας/ουσα δεν θα υπερέβαινε τους/τις πέντε (5) διδακτορικούς/ές φοιτητές/τριες.

Πιο κάτω παρατίθενται τα στοιχεία που ζητήθηκαν από το Φορέα. Πιο συγκεκριμένα, παρατίθενται για κάθε ένα/μία από τους/τις δεκαπέντε (15) εγγεγραμμένους/ες φοιτητές/τριες στο διδακτορικό πρόγραμμα σπουδών, το όνομα του/της φοιτητή/τριας και ο αριθμός εγγραφής του/της, ο τίτλος-θέμα των υπό εκπόνηση διατριβών τους, το στάδιο του διδακτορικού στο οποίο βρίσκονται, το όνομα και το επιστημονικό πεδίο του/της επιβλέποντας/ουσας και ο σύνδεσμος του βιογραφικού τους στην ιστοσελίδα του Πανεπιστημίου. Τα βιογραφικά όλων των επιβλέποντων/ουσων επισυνάπτονται, επίσης, στο Παράρτημα Ι (στο έντυπο 500.1 του Φορέα ΔΙ.Π.Α.Ε.).

Επισημαίνεται ότι αλλαγή επόπτη/τριας υπήρξε μόνο σε τέσσερις (4) συνολικά περιπτώσεις και συγκεκριμένα στους/στις φοιτητές/τριες με αριθμό 4, 5, 7 και 13 στον πιο κάτω πίνακα.

Πίνακας 1

Υφιστάμενοι/ες Διδακτορικοί/ές Φοιτητές/τριες του Προγράμματος

ΑΑ	Αριθμός Εγγραφής	Όνομα Φοιτητή/ Φοιτήτριας	Στάδιο	Στάδιο	Στάδιο	Στάδιο Έρευνας	Στάδιο	Κύριος/α Επόπτης/τρια	Θέμα Διδακτορικής Έρευνας
1	F20162313	Χατζηστεφάνου Κωνσταντίνος	√	√				Καθ. Γεώργιος Μπούστρας	Safety Risk Communication
2	F20162343	Νικολαΐδου Όλγα	√	√	√	√		Δρ Χρήστος Δημόπουλος	Developing A Comprehensive Weak Signals Framework To Promote Better Occupational Safety And Health

									Regulation And Practice
3	S20171189	Chizubem Benson	√	√	√	√		Καθ. Γεώργιος Μπούστρας	Occupational Health And Safety Implications In Oil And Gas Industry
4	F20182307	Obasi Izuchukwu	√	√				Δρ Χρήστος Δημόπουλος	The Role Of Big Data In Occupational Safety And Health
5	F20182523	Αδαμόπουλος Ιωάννης	√	√	√			Δρ Δημήτρης Λάμνισος	The Interface Between Public Health And Occupational Safety And Health
6	F20192130	Kamara Musa	√	√				Καθ. Γεώργιος Μπούστρας	The Role Of Labour Inspectirate In Western Africa
7	F20192131	Akinwande Damola	√	√				Δρ Κωνσταντίνος Κάτζης	Climate Change Dimensions In OSH
8	F20192223	Σενέκκης Ιάσων	√	√				Dr Sharon Newnam	Leading By Example, Road Safety Issues In Cyprus
9	F20201234	Deivasagayam Karthick	√	√				Καθ. Γεώργιος Μπούστρας	Process Safety In Energy Installations In Qatar
10	F20202040	Kirschner Judith	√	√				Καθ. Γεώργιος Μπούστρας	MSCA ESR: Governance In Fire Safety
11	F20202041	Pooja Pandey	√	√				Δρ Χρήστος Δημόπουλος	MSCA ESR: Interagency

									Exchange In Fire Safety
12	F20202062	Γρηγορίου Μάριος	√	√				Δρ Χρήστος Δημόπουλος	Environmental Health And Safety
13	F20202096	Μαντασάς Κωνσταντίνος	√	√				Δρ Κωνταντίνος Κάτζης	Industrial Safety With A Focus On Heavy Industry
14	F20202166	Gjedrem Anna	√	√				Dr Monika Metalinou Log	Social Science Dimensions In Fire Safety
15	F20202223	Παπαμιχαήλ Μιχαήλ	√	√				Δρ Χρήστος Δημόπουλος	Critical Infrastructure Protection

2. Ευρωπαϊκό σύστημα μεταφοράς και συσσώρευσης ακαδημαϊκών μονάδων (ECTS) διδακτορικών προγραμμάτων Σπουδών:

> ***Αναμένεται να αποσταλεί το περιεχόμενο του προγράμματος με κατανομή 240 ECTS (αντίστοιχο με τον πίνακα στο Annex 1, σελ. 14 της απάντησής σας), με τρόπο ώστε να διαφαίνεται ότι τα 60 ECTS, αντιστοιχούν στα μαθήματα αναγνώρισης όσων διαθέτουν αντίστοιχο μεταπτυχιακό δίπλωμα επιπέδου Μάστερ.***

Λαμβάνοντας υπόψη και την επιστολή σας (ημερομηνίας 16 Μαρτίου 2021, Αριθμός Φακέλου 04.01.003) με θέμα «Διευκρινίσεις για Πιστωτικές Μονάδες σε Διδακτορικά Προγράμματα Ιδιωτικών Ιδρυμάτων», σας επαναποστέλλουμε πιο κάτω τον Πίνακα που παρουσιάζει τη δομή του Προγράμματος.

Πίνακας 2
Δομή του Προγράμματος

Degree Requirements		**ECTS**
All students pursuing the Doctor of Philosophy in “Occupational Safety and Health” program must complete the following requirements:		
Specific Coursework/Courses		**30**
OSH705	Epistemology of Sciences and Occupational Health and Safety Research Methods	10
OSH715	Advanced Topics in Safety Management and Risk Contexts	10
OSH725	Special Topics in Occupational Safety and Health	10
Comprehensive Qualifying Examination		**10**
Preparation and Submission of a Dissertation Proposal		**20**
Ph.D. Fieldwork		**90**
Ph.D. Dissertation		**30**
Total Requirements		**180**

3. Μαθήματα Έρευνας:

> ***Τα μαθήματα προηγμένης έρευνας είναι υποχρεωτικά σε διδακτορικούς φοιτητές και στην απάντησή σας φαίνεται ότι έχουν αφαιρεθεί και τα βασικά.***

Η επισήμανση του Φορέα ως προς το ότι τα μαθήματα προηγμένης έρευνας είναι υποχρεωτικά σε διδακτορικούς/ές φοιτητές/τριες ταυτίζεται με την δική μας αντίληψη για το περιεχόμενο και τη στοχοθεσία των διδακτορικών προγραμμάτων σπουδών. Εξού και η αρχική μας κατάθεση περιλάμβανε δύο (2) μαθήματα προηγμένης έρευνας με έμφαση σε ποιοτικές και ποσοτικές μεθόδους. Η Επιτροπή στις παρατηρήσεις της όμως, επεσήμανε την ανάγκη να εισαχθεί μάθημα το οποίο να αποτελεί βάση για την προώθηση τη συνεργασίας υποψηφίου και επόπτη ως πιο κάτω:

> ***Three large courses are compulsory and now constitute the full course work for the PhD students. This leaves little possibility for***

the student to tailor the courses to their actual research needs. In many European universities, including the three universities of the EEC members, the students have the flexibility in cooperation with their supervisor to plan a course programme, which is tailored the individual needs. This normally covers courses offered by the programme where the students are enrolled, other courses at the same university and courses from other national and international organisations. We therefore recommend that the course work at POHS is rearranged to facilitate a more flexible and individual course plan for the students.

Σε απάντηση της ανάγκης αυτής, τα δύο (2) μαθήματα προηγμένης έρευνας συμπτύχθηκαν σε ένα καινούργιο μάθημα (OSH705 Epistemology of Sciences and Occupational Health and Safety Research Methods), ενώ παράλληλα εισήχθηκε το μάθημα OSH715 Special Topics in OSH το οποίο απαντάει στην απαίτηση της Εξωτερικής Επιτροπής Αξιολόγησης. Ειδικότερα το νέο μάθημα OSH715 δημιουργεί τις συνθήκες συνεργασίας φοιτητή/τριας – επόπτη/τριας όπως επίσης δίνει τα απαραίτητα εφόδια για να ετοιμαστεί ένα πλήρες πλάνο εργασίας για τη διάρκεια του διδακτορικού ακόμα και σε επιμέρους λεπτομέρειες, όπως η διαχείριση πληροφοριών, η ηθική και δεοντολογία στην έρευνα, κ.ά.

Με βάση τα παραπάνω, δηλώνουμε την ετοιμότητά μας όπως σε περίπτωση που ο Φορέας πιστεύει ότι χρειάζεται να επανενταχθούν τα δύο μαθήματα προηγμένης έρευνας RES 700 Advanced Quantitative Research και RES710 Advanced Qualitative Research τα οποία περιλήφθηκαν στην αρχική μας υποβολή (παρακαλώ δέστε τα σύλλαμπι των δύο μαθημάτων στο Παράρτημα ΙΙ), είμαστε διατεθειμένοι να τα επανεντάξουμε. Στην περίπτωση αυτή η τελική Δομή του Προγράμματος θα είναι η κάτωθι:

Πίνακας 3
Δομή του Προγράμματος

Degree Requirements		**ECTS**
All students pursuing the Doctor of Philosophy in “Occupational Safety and Health” program must complete the following requirements:		
Specific Coursework/Courses		**30**
OSH705	Epistemology of Sciences and Occupational Health and Safety Research Methods	10
OSH715	Advanced Topics in Safety Management and Risk Contexts	10
OSH725	Special Topics in Occupational Safety and Health	10
Comprehensive Qualifying Examination		**10**

Preparation and Submission of a Dissertation Proposal	**20**
Ph.D. Fieldwork	**90**
Ph.D. Dissertation	**30**
Total Requirements	**180**

Ευχαριστούμε πολύ τον Φορέα ΔΙ.Π.Α.Ε. και την Εξωτερική Επιτροπή Αξιολόγησης για τα εποικοδομητικά σχόλια και εισηγήσεις στο πλαίσιο της επαναξιολόγησης του Προγράμματος και δηλώνουμε στη διάθεσή σας για οποιεσδήποτε διευκρινίσεις.

Με τις ειλικρινείς μας ευχαριστίες,

Καθ. Λοΐζος Συμεού
Αντιπρύτανης Ακαδημαϊκών Υποθέσεων

Κοιν.: Κοσμήτορα Σχολής Θετικών Επιστημών

Συν.: (2)

European University Cyprus

ΔΙΠΑΕ CYQAA ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
THE CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION

FORM NUM: 500.1.03

Academic Personnel Short Profile/ Short CV

University:	European University Cyprus
Surname:	Lamnisos
Name:	Demetris
Rank/Position:	Associate Professor of Public Health Research and Medical Statistics
Faculty:	School of Sciences
Department:	Department of Health Sciences
Scientific Domain: *	Statistics and Data Science

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2010	University of Warwick	Department of Statistics	Bayesian variable selection in Classification problems with many more variables than observations
MSc	2005	University of Warwick	Department of Statistics	
BSc	2004	University of Cyprus	Department of Mathematics and Statistics	

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		**Employer**	**Location**	**Position**
From	**To**			
2020	To date	European University of Cyprus	Cyprus	Associate Professor
2013	2020	European University of Cyprus	Cyprus	Assistant Professor
2009	2013	Cyprus University of Technology	Cyprus	Post-doctoral Fellow

Key *refereed* journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2021	Demographic forecasting of population aging in Greece and Cyprus: one big challenge for the Mediterranean health and social system long-term sustainability	Giannakou, K., and Jakovljevic, M.	Health Research Policy and Systems		https://doi.org/10.1186/s12961-020-00666-x
2	2020	Impact of COVID-19 pandemic on mental health: An international study	Gloster, AD, Lamnisos, D., et al.	PLoS ONE	15	https://doi.org/10.1371/journal.pone.0244809
3	2019	Small-Area Socioeconomic Deprivation Indices in Cyprus: Development and Association with Premature Mortality	Lambrianidou, G., Middleton, N.,	BMC Public Health	19	https://doi.org/10.1186/s12889-019-6973-0
4	2018	Risk factors for carriage of Streptococcus pneumonia in children	Koliou, M., Andreou, K., Lavranos, G., Iakovides, P., Economou, C., Soteriades, E.,	BMC Pediatrics	18	https://doi.org/10.1186/s12887-018-1119-6
5	2016	The use of Bioptron light (polarized, polychromatic, non-coherent) therapy for the treatment of acute ankle sprains	Stassinopoulos, D., Papadopoulos, C., Stassinopoulos, D.,	Disability and Rehabilitation	39	450-457

6	2013	Predicting cardiometabolic risk: waist-to-height ratio or BMI. A meta-analysis	Savva, S., Kafatos, A.,	Diabetes, Metabolic Syndrome & Obesity: Targets and Therapy	6	403-419
7	2012	Effectiveness of heart failure management programs with nurse-led discharge planning in reducing readmissions: A systematic review and meta-analysis	Lambrinou, A., Kalogirou, F. and Sourtzi, P.,	International Journal of Nursing Studies	9	610-614
8	2012	Asthma and atopy in children born by caesarean section: effect modification by family history of allergies - a population based cross-sectional study	Kolokotroni , O., Middleton, N., Gavatha, M., Priftis, K., Yiallouros, P.,	BMC Pediatrtics	12	https://doi.org/10.1186/1471-2431-12-179
9	2012	Adaptive Monte Carlo for Bayesian variable selection in regression models	Griffin, J.E., and Steel, M.F.	Journal of Computational and Graphical Statistics	22	724-748
10	2009	Transdimensional sampling algorithms for Bayesian variable selection in classification problems with many more variables than observations	Griffin, J.E., and Steel, M.F.	Journal of Computational and Graphical Statistics	18	592-612

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	**Date**	**Topic**	**International / Local**	**Location***	**Role in Exhibition**
1	2018	Socio-economic characteristics associated with premature mortality across small-areas in Cyprus	International	Ljubljana, Slovenia	Presentation
2	2017	A small-area analysis of health inequalities across the geodemographic area classification in Cyprus	International	Stockholm, Sweden	Presentation
3	2017	A small-area validation of deprivation using 2011 census data from Cyprus	International	Stockholm, Sweden	Presentation
4	2017	Antimicrobial resistance in patients with urinary tract infection in a healthcare facility in Greece	International	Stockholm, Sweden	Presentation
5	2016	Investigation of the validity of the Townsend index as a measure of material deprivation in Cyprus	International	Vienna, Austria	Presentation
6	2016	A small-area analysis of health inequalities across the geodemographic area classification in Cyprus	International	Porto, Portugal	Presentation
7	2013	Awareness, attitudes towards waste-water reuse and perceptions of public health risks among the general public in Cyprus	International	Brussels, Belgium	Presentation
8	2013	A spatial factor model for summarizing area level Townsend-like index	International	Tel Aviv, Israel	Presentation

9	2012	Area deprivation in Cyprus is not Townsend's: a spatial factor model	International	Malta	Presentation
10	2011	Cross-validation prior choice in Bayesian probit regression with many covariates	International	Crete, Greece	Presentation

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	**Date**	**Title**	**Funded by**	**Project Role***
1	09/18 – 12/22	Towards an International Network for Evidence-based Research in Clinical Health Research (EVBRES)	Cost action	Management Committee
2	01/15 – 12/18	Creating the Cyprus National Statistics 2011 output area classification	Ministry of Economics	Project Coordinator
3	01/09-09/13	Methodological approached and development of infrastructure for the investigation of geographical disparities in the levels of health of the Cypriot population	Cyprus University of Technology	Researcher
4	01/11-09/13	Appraisal of the factors influencing public perceptions of water reuse in Cyprus	Research Promotion Foundation	Researcher

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	**Period**	**Organization**	**Title of Position or Service**	**Key Activities**
1	09/18- 9/20	European University Cyprus	Chairperson, Department of Health Sciences	Academic and Administrative leader of the Department of Health Sciences, responsible for the academic operations, general welfare and the development of the Department
2	9/18 – to date	National Committee for the protection and welfare of animals used for scientific purposes	Member	Advice the national authorities in cases concerning the acquisition, breeding, housing, care and use of laboratory animals and to ensure exchange of the best practice
3	9/13 – to date	European University Cyprus	Coordinator of the Master in Public Health program	Responsible for all academic operations and matters pertaining the MPH program
4	1/21 – to date	Sustainability	Associate Editor	
5	09/11 – 09/17	International Biometric Society, Eastern Mediterranean Region	National representative of Cyprus	

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Awarded by:**
1	2018	Best presentation medal	European Teratology Society
2	2017	First prize research award	27th Research competition in Health, Limassol Medical Association

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Key Activities:**
1	2009 – to date	40 articles in international peer-reviewed journals and 2 book chapters	Author/Researcher
2	2009 – to date	Citations: 797; h-index: 12; i10-index: 13 (source Google Scholar, as of 25/01/21)	Author/Researcher
3	2010 - to date	Reviewer	Manuscript reviews for several peer-reviewed journals
4	2018	Cyprus Statistical Society	Founder
5	2018	Scientific committee member	Member of the scientific committee for the 1st National Conference in Statistics of the Cyprus Statistical Society
6	2017	Ad hoc evaluations	External PhD examiner of two PhD thesis, Postgraduate Program in Health Care Management, Open University of Cyprus

Academic Personnel Short Profile / Short CV

University:	European University Cyprus
Surname:	Boustras
Name:	George
Rank/Position:	Professor
Faculty:	School of Sciences
Department:	Computer Science and Engineering
Scientific Domain: *	Risk Assessment

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Probabilistic Fire Risk Assessment	2003	Kingston University	School of Mechanical and Production Engineering	
MSc Energy Resources Management	1997	London South Bank University	School of Engineering Systems and Design	
Eng. (Honours) Chemical Engineering	1995	London South Bank University	School of Applied Science	
European Certificate in e-Learning Course Design and Teaching	2013	UNIVERSITAT OBERTA DE CATALUNYA		

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		**Employer**	**Location**	**Position**
From	**To**			
2014	2021	European University Cyprus	Cyprus	Dean, School of Business Administration
2017	Present	European University Cyprus	Cyprus	Full Professor
2013	2014	European University Cyprus	Cyprus	Director of Postgraduate Studies

Key *refereed* journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	**Year**	**Title**	**Other authors**	**Journal and Publisher / Conference**	**Vol.**	**Pages**
1	2020	Culture of Prevention	Bolman Ulrike	CRC Press (Taylor & Francis Group), USA: ISBN 9781138611733		
2	2017	Handbook of Safety in SME's	Guldenmund Fransiscus Wilhelmus	CRC Press (Taylor & Francis Group), USA; ISBN 9781498744720		
3	2021	Towards a reconceptualization of safety and security, their interactions, and policy requirements in a 21st century context,	Waring A	Safety Science, 104942, ISSN 0925-7535, https://doi.org/10.1016/j.ssci.2020.104942	Volume 132	

4	2017	Energy critical infrastructures at risk from climate change: A state of the art review	Varianou Mikellidou C, Shakou LM, Dimopoulos C	Safety Science, ISSN 0925-7535		
5	2017	Fires: Fund research for citizen safety	Ronchi, E., Rein, G	Nature 551(7680)		300
6	2015	Maintaining occupational safety and health levels during the financial crisis - A conceptual model	Anyfantis, I., Karageorgiou, A.,	Safety Science, doi: 10.1016/j.ssci.2016.02.014		
7	2016	Exploring effectiveness of safety information for workplace visitors	Drupsteen L.	Safety Science	88	224-231
8	2015	Management of health and safety in micro-firms in Cyprus – Results from a Nationwide Survey	Hadjimanolis A, Economides A, Yiannaki A, Nicolaides L	Safety Science	79	305-313
9	2015	Work attitudes and safety performance in micro-firms - Results from a Nationwide Survey: (the opinion of the employees)	Hadjimanolis A, Economides, A, Yiannaki, A, Nicolaides L	Safety Science	80	135-143
10	2013	Health and safety policies and work attitudes in Cypriot companies	Hadjimanolis, A	Safety Science	52	50-56

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1		N/A			

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	**Date**	**Title**	**Funded by**	**Project Role***
1	2020	RESPOND-A : “Next-generation equipment tools and mission-critical strategies for First Responders”,	H2020-SU-DRS02-2018-2019-2020 - Technologies for first responders,	Coordinator
2	2020	FIREURISK, “A HOLISTIC APPROACH FOR RISK-WISE ADAPTATION OF THE WILDFIRE MANAGEMENT IN THE EU TO GLOBAL CHANGES”	H2020-LC-CLA-2020-2	WP Leader
3	2020	METICOS “A Platform for Monitoring and Prediction of Social Impact and Acceptability of Modern Border Control Technology”	SU-BES01-2018-2019-2020 - Human factors, and social, societal, and organisational aspects of border and external security	Coordinator
4	2020	TELE-OSH “A risk assessment framework for teleworking in the COVID19 era”	COVID19 Fund of the Cyprus Research Promotion Foundation	Coordinator
5	2018	ALTER - UCPM-2017-PP-PREP-AG – “ALLIANCE FOR DISASTER RISK	DG ECHO	WP Leader

		REDUCTION"- 2018 Call for PREP & PREV PROJECTS IN CIVIL PROTECTION AND MARINE POLLUTION		
6	2017	EPICURO -ECHO/SUB/742509/PREV20 – "European Partnership for Innovative Cities within an Urban Resilience Outlook"	DG ECHO	WP Leader
7	2015	EU-CIRCLE -, "A panEuropean framework for strengthening Critical Infrastructure resilience to climate change"	H2020-DRS-2014	WP Leader
8	2014	MELOGIC - 2014/PREP/19 " An integrated methodological framework for emergency logistics"	DG ECHO	Coordinator
9	2014	3CE - "Prevention, Preparedness and Consequence Management of Terrorism and Other Security related Risks (CIPS)"	DG HOME	WP Leader
10	2014	EUSTO - "Prevention of and Fight against Crime" (ISEC)	DG HOME	WP Leader

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	**Period**	**Organization**	**Title of Position or Service**	**Key Activities**
1	2018	World Bank	Expert, External Agent	Assist in the development and application of the National Reform program of the Republic of Greece

2	2016	Ministerial Council of the Republic of Cyprus	Chair, Expert Group	Advancement of the fire-fighting capacity in Cyprus
3	2016-2018	HE the President of the Republic of Cyprus	Vice President, Energy Strategy Council	
4	2014-2015	Republic of Cyprus	Member, Energy Strategy Council	
5	2013-2015	European Network of Critical Infrastructure Protection, JRC, Institute of Citizen Protection	Member, Academic Committee	

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Awarded by:**
1		N/A	

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Key Activities:**
1		N/A	

Academic Personnel Short Profile / Short CV

University:	European University Cyprus
Surname:	Dimopoulos
Name:	Christos
Rank/Position:	Associate Professor of Computer Science
Faculty:	School of Sciences
Department:	Computer Science & Engineering
Scientific Domain: *	Computer Engineering, Decision Sciences, Educational Technology

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Control Systems	2001	University of Sheffield	Automatic Control & Systems Engineering	Genetic Programming for Manufacturing Optimisation
MSc in Control Systems	1997	University of Sheffield	Automatic Control & Systems Engineering	Genetic Algorithms for Manufacturing Optimisation
BSc in Automation	1995	Technological Educational Institute (TEI) of Piraeus	Department of Automation	A Computer-Based Educational Package for Telecommunication Systems

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
25/11/2010		European University Cyprus	Nicosia	Associate Professor
10/2007	24/11/2010	European University Cyprus	Nicosia	Assistant Professor
10/2003	9/2007	Cyprus College	Nicosia	Assistant Professor of Computer Science
2002	2003	Technological Educational Institute of Piraeus	Piraeus	Scientific Collaborator
2002	2003	Technological Educational Institute of Piraeus & University of Paisley	Piraeus	Course Tutor

Key *refereed* journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	**Year**	**Title**	**Other authors**	**Journal and Publisher / Conference**	**Vol.**	**Pages**
1	2018	The expression and prognostic impact of immune cytolytic activity-related markers in human malignancies: A comprehensive meta-analysis"	Roufas, C., Chasiotis, D., Makris, A., Efstathiades, Zaravinos, A.	Molecular and Cellular Oncology / Frontiers	8	-
2	2018	Engineering Attractiveness in the European Educational Environment: Can Distance Education Approaches Make a Difference?"	Katzis, K., Meletiou-Mavrotheris, M., Lasica, I.-E	Education Sciences / MDPI	8 (1)	-
3	2017	Energy critical infrastructures at risk from climate change: A state of the art review	Varianou-Mikellidou, C., Shakou, L-M., Boustras	Safety Science / Elsevier	110	110-120
4	2017	The Concept of Ageing in Evolutionary Algorithms: Discussion and Inspirations for Human Ageing	Papageorgis, P., Efstathiades, C., Boustras, G.,	Mechanisms of Ageing and Development	163	8-14
5	2016	Research Challenges in future laboratory-based STEM Education	Lasica, I.-E., Katzis, K., Meletiou-Mavrotheris, M.	Bulletin of the IEEE Technical Committee on Learning Technology	18 (1)	2-5
6	2015	Interdisciplinary design of scheduling Decision Support Systems in small-sized SME	Cegarra, J., Papageorgiou, G., Gavriel, G., and Chouchourelou, A.	Journal of Decision Systems	24(3)	227-254

		environments: the i-DESME framework				
7	2011	Design of Planning & Scheduling Algorithms: A Critical Discussion	Riezebos, J., Hoc, J-M., Mebarki, N., Wezel, W.M.C. van, Pinot, G.	Behavioral Operations in Planning and Scheduling, Springer		299-322
8	2006	Multiobjective optimisation of manufacturing cell design		International Journal of Production Research	44(22)	4855-4875
9	2004	Evolving knowledge for the solution of clustering problems in cellular manufacturing	Mort, N	International Journal of Production Research	42(19)	4119-4133
10	2000	Recent developments in evolutionary computation for manufacturing optimisation: problems, solutions and comparisons	Zalzala, A.M.S	IEEE Transactions in Evolutionary Computation	4(2)	93-113

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
N/A					

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	**Date**	**Title**	**Funded by**	**Project Role***
1	2018-2020	DataPro: Upgrading the EU Data Protection Sector with new Skills 2018-2020	European Commission – Erasmus+	Researcher
2	2018-2020	SAFED: Safety, Fire & Design: Simulation for Fire Safety Training	European Commission – Erasmus+	Researcher
3	2018-2020	ENREAC-HEI: ENhance REseArChers and HEI staff' skills and competences in data management and research integrity to increase academia collaboration capacity	European Commission – Erasmus+	Researcher
4	2018-2020	ALTER: Alliance for Disaster Risk Reduction	European Commission – Horizon 2020	Researcher
5	2017-2020	EL-STEM - Enlivened Laboratories within STEM Education	European Commission – Erasmus+	Researcher
6	2011-2013	Interdisciplinary Design of Scheduling Decision Support Systems for Cypriot Small to Medium Enterprises	Cyprus Research Promotion Foundation	Scientific / Project Coordinator
7	2015-2019	MOCHA: Developing and comparing new models for safe and efficient, prevention-oriented health and care systems	European Commission – Horizon 2020	Researcher

8	2015-2018	EU-CIRCLE: A pan-European framework for strengthening Critical Infrastructure resilience to climate change	European Commission – Horizon 2020	Researcher
9	2015-2018	SPARKS: Awareness-raising and engagement project to promote Responsible Research and Innovation (RRI) across 29 European countries	European Commission – Horizon 2020	Researcher
10	2014-2017	IMPRESS: Improving Preparedness and Response of Health Services in Major Crises	European Commission – FP7	Researcher

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	**Period**	**Organization**	**Title of Position or Service**	**Key Activities**
N/A				

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Awarded by:**
N/A			

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Key Activities:**
1			

Academic Personnel Short Profile / Short CV

University:	European University Cyprus
Surname:	Katzis
Name:	Konstantinos
Rank/Position:	Associate Professor / Vice Dean School of Sciences
Faculty:	Sciences
Department:	Computer Science and Engineering
Scientific Domain: *	Computer Engineering / Electronics / Telecommunications

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD Electronics	2006	University of York	Electronics	Radio Resource Management for High Altitude Platforms
MSc Radio System Engineering	2001	University of Hull	Electronics	Investigation of Electromagnetic Compatibility effects relating to xDSL Systems
BEng Computer Systems Engineering	2000	University of Hull	Computer Science	PC Based Motion compensated weighing machine
Short Professional Course on “Small Terminal Satellite Communication Systems, University of York (UK)”	2002	University of York	Electronics	

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2005	2006	University of York	York (UK)	Research Associate, College Dean of Derwent Colege
2006	2015	European University Cyprus	Nicosia (CY)	Assistant Professor
2015		European University Cyprus	Nicosia (CY)	Associate Professor / Deputy Dean

Key ***refereed*** journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2019	A Mobile Crowd Sensing Application for Hypertensive Patients	Slađana Jovanović, Milan Jovanović, Tamara Škorić, Stevan Jokić, Branislav Milovanović, and Dragana Bajić	Journal on Sensors (MDPI)	19(2)	16
2	2018	Engineering Attractiveness in the European Educational Environment: Can Distance Education Approaches	C. Dimopoulos, M. Meletiou-Mavrotheris and I. E. Lasica	Journal on Education Sciences 2018	8(1)	16
3	2015	Patellar Tendinopathy Rehabilitation Device - Have fun with Serious Games	D. Stasinopoulos	International Journal of Engineering Science and	4 (2)	12

				Innovative Technology		
4	2015	A LF radio anomaly observed before the Mw=6.5 earthquake occurred in Crete on October 12, 2013,	T. Maggipinto, P.F. Biagi, R. Colella, L. Schiavulli, T. Ligonzo, A. Ermini, G. Martinelli, I. Moldovan, H. Silva, M. Contadakis, C. Skeberis, Z. Zaharis, E. Scordilis, A. Buyuksarac and S. D'Amico	Article in Physics and Chemistry of Earth (Elsevier)	85-86	98-105
5	2010	Inter-High Altitude Platform Handoff for Communications Systems with Directional Antennas	D.Grace	International Union of Radio Science (URSI)	332	10
6	2010	Low-Latency MAC-Layer Handoff for Broadband Communications from High Altitude Platforms	D. Grace, P. D. Mitchell, D.J. Pearce	International Union of Radio Science (URSI)	332	10
7	2016	Chapter Title: Resource Management Supporting Big Data for real-time applications in the 5G era, Book Title: "Advances in Mobile Cloud Computing and Big Data under the 5G era",	C. Efstathiades	Springer International Publishing		
8	2016	Chapter Title: Challenges Implementing Internet of Things (IoT) using Cognitive Radio Capabilities in 5G Mobile Networks, Book Title: Internet of Things (IoT) in 5G Mobile Technologies"	H. Ahmadi	Springer International Publishing		
9	2014	Chapter Title: Mobile Cloud Resource Management , Book		IGI Global		

		Title: Resource Management of Mobile Cloud Computing Networks and Environments				
10	2018	5G and Wireless Body Area Networks	R. W. Jones	IEEE Workshops - WCNC Conference		

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	9/2017	Safety vs Security in vs IMDs, NeuroCard Conference 2018, Belgrade Serbia, (September 2017)	International	Belgrade	Invited Speaker
2	11/2014	INFOCOM.CY, It's all about data: The Data Network	Local	Nicosia	Keynote Speaker
3	11/2012	SpaceEXPO: Benefits of utilizing space and aerial observation through satellites and other aerial means,	Local	Larnaca	Invited Speaker

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)

Ref. Number	Date	Title	Funded by	Project Role*
1	2017-today	EL-STEM	ERASMUS+	Researcher
2	2017-today	STEM-IT-UP	ERASMUS+	Researcher
3	2017-today	Interfaces	ERASMUS+	Researcher
4	2013-2016	NeReLa	ERASMUS+	Researcher

5	2003-2006	CAPANINA	FP6	Researcher
6	2001-2003	HELINET	FP5	Researcher
7	2015 - Today	IRACON (COST CA15104)	COST (EU)	Management Committee Member / Researcher
8	2009-2013	COST IC0902	COST (EU)	Management Committee Member / Researcher
9	2005-2009	HAPCOS (COST297)	COST (EU)	Management Committee Member / Researcher

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	**Period**	**Organization**	**Title of Position or Service**	**Key Activities**
1	2014-today	EC – H2020	H2020 Programme Committee Member for Space	Representing Cyprus in H2020 Attending Programme Committee meetings, Discussion in the area of SPACE and supporting the position(s) of Cyprus, Organising activities in the area of Space in Cyprus (with RPF and Dep. Of Electronic Communications – Cyprus)
2	2012-2014	EC – FP7	Programme Committee Member for Space	Representing Cyprus in FP7 PC Attending Programme Committee meetings, Discussion in the area of SPACE and supporting the position(s) of Cyprus, Organising activities in the area of Space in Cyprus (with RPF and Dep. Of

				Electronic Communications – Cyprus)
3	2014 - today	IEEE Standard 1900.6	Vice Chair, Secretary	Participated in the draft of a new IEEE standard (1900.6)
4	2019	MDPI	Special Issue Editor “Advances of Augmented and Mixed Reality in Education”	Running the special issue on Advances of Augmented and Mixed Reality in Education.
5	2011 - today	Ministry of Transport, Communications and Works	Member of the Team of Experts consulting the minister regarding the membership of Cyprus in European Space Agency	Prepared reports and attended various meetings with the minister(s) in order to convince them the benefits of Cyprus joining ESA.

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Awarded by:**
1	2018-2019	Fulbright Visiting Researcher: Project Title: Requirement Analysis of 5G Networks Supporting Internet of Things (IoT)-Health Applications. Host Institution: National Institute of Standards and Technology (NIST) – Washington DC	Fulbright, USA
2	2017	Best Paper Award for paper entitled “The Artificial Pancreas: Reducing Safety Risk via Intra-Peritoneal Insulin Delivery”	at the 15th International Conference on Informatics, Management and Technology in Healthcare http://ebooks.iospress.nl/volumearticle/46826

3	2017	2017 Best Student Paper Award for paper entitled “Best Student Paper Award: Creating XML/PHP Interface for BAN Interoperability”	at the 15th International Conference on Informatics, Management and Technology in Healthcare http://ebooks.iospress.nl/volumearticle/46836
4	2016	Laureate's Research Publication Award for paper: Research Challenges in future laboratory-based STEM Education published on the Bulletin of the IEEE Technical Committee on Learning Technology.	Laureate
5	2001	PhD Studentship	EPSRC GR/N23462/01 (UK)

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Key Activities:**
1			

ΠΑΡΑΡΤΗΜΑ ΙΙ

Course Title	Advanced Quantitative Research				
Course Code	RES700				
Course Type	Compulsory				
Level	Doctorate (3rd Cycle)				
Year / Semester	1st Year / 1st Semester				
Instructor's Name	Dr Christos Dimopouos				
ECTS	10	Lectures / week	3 Hours/14 Weeks	Laboratories / week	NONE
Course Purpose and Objectives	The aim of the course is to study the philosophical content of quantitative research and get acquainted with advanced quantitative approaches to business related issues through the different forms and methods of research. Students shall be trained to set up research questions that require a quantitative approach, produce / collect the data they deem appropriate, organize and analyze them using appropriate statistical analysis software packages (SPSS, STATA, AMOS). Students shall develop the skills of interpreting data and write their study in academic language and with sufficient scientific evidence.				
Learning Outcomes	Upon successful completion of this course students should be able to: • Explain the theoretical and epistemological principles on which quantitative related research is based, its role, its relationship and its differences with qualitative research approaches. • Recognize and compare the characteristics of the various research examples and know/ identify the philosophy that each of them is based on. • Develop research projects by selecting appropriate quantitative processes and approaches according to their research objectives and research questions. • Collect quantitative data using appropriate techniques and use statistical analysis packages to record, manipulate and analyse data by applying advanced statistical research methods • Analyse, evaluate and discuss dilemmas on key issues related to the application of quantitative approaches to safety related research. • Identify legal, ethical and safety issues in quantitative related research and projects				

	• Design appropriate, focused, research observation mechanisms for the collection of safety related data in the workplace • Master and develop mathematical, probabilistic and stochastic risk methods		
Prerequisites	NONE	Co-requisites	NONE
Course Content	1. The nature of quantitative research - ontological, epistemological, evaluative and methodological assumptions in relation to different schools of thoughts. 2. Quantitative related research: its role, its relation and its differences with qualitative related research approaches. 3. Historical review of quantitative research 4. Validity, reliability and moral issues in quantitative research 5. Development of quantitative research questions 6. Design of the questionnaire 7. Research designs and appropriate methods for collecting and analysing empirical data 8. Case tests for average, percentage, and dispersion for one and two samples and confidence intervals (SPSS, STATA) 9. Investigation of parametric control conditions, statistical power, effect size and sample size. (SPSS, STATA) 10. Non-parametric statistical checks. (SPSS, STATA) 11. Correlation analysis: Correlation coefficients. (SPSS, STATA) 12. Regression analysis: simple, multiple, curvilinear, logistic. (SPSS, STATA) 13. Advanced variance analysis (ANOVA), covariance analysis (ANCOVA), multi-factorial variance analysis (MANOVA) (SPSS, STATA) 14. Factor analysis, principal component analysis. (SPSS, STATA) 15. Multidimensional scaling, clustering, discriminant analysis (SPSS, STATA) 16. Testing hypothesis about population means (t and F-tests) (SPSS, STATA)		

<table>
<tr><td></td><td>17. Mann-Whitney U-test Goodness of fit and contingency table chi-square testing procedures. (SPSS, STATA)
18. Partial least squares. (SPSS, STATA)
19. Structural equation modelling and analysis of latent class models (AMOS)
20. Structural equation modelling: Overview and Confirmatory factor analysis. (AMOS)
21. Structural equation modelling: Testing structural equation models. (AMOS)</td></tr>
<tr><td>Teaching Methodology</td><td>Face-to-face</td></tr>
<tr><td>Bibliography</td><td>Robson L.S., Shannon H.S., Goldenhar L.M. & Hale A.R. Guide to evaluating the effectiveness of strategies for preventing work injuries: how to show whether a safety intervention really works. Department of Health Services, NIOSH. Cincinnati.

Zikmund, W. Business research methods. (latest ed.) Mason, OH: Thomson Learning

Christopher A. Janicak, Safety Metrics: Tools and Techniques for Measuring Safety Performance, Government Institutes, (latest ed.)

Christopher A. Janicak, Applied Statistics in Occupational Safety and Health, Government Institutes, (latest ed.) Krueger . Analyzing and Reporting Focus Group Results. Thousand Oaks, CA: Sage.</td></tr>
<tr><td>Assessment</td><td><table><tr><td>Examinations</td><td>60%</td></tr><tr><td>Project</td><td>30%</td></tr><tr><td>Class Participation and Attendance</td><td>10%</td></tr><tr><td></td><td>100%</td></tr></table></td></tr>
<tr><td>Language</td><td>English</td></tr>
</table>

Course Title	Advanced Qualitative Research				
Course Code	RES710				
Course Type	Compulsory				
Level	Doctorate (3rd Cycle)				
Year / Semester	1st Year / 1st Semester				
Instructor's Name	Prof Georgios Boustras				
ECTS	10	Lectures / week	3 Hours/14 Weeks	Laboratories / week	NONE
Course Purpose and Objectives	The aim of this course is to familiarize the students with advanced qualitative methodological approaches to safety related issues. It investigates the philosophical background on which qualitative research and is based through the formulation of research goals and questions, the collection of different types of quality data, their organization and analysis, and the extraction of motifs and emerging themes with the use of quality data analysis software. At the same time, it aims to develop the critical ability of students to interpret and evaluate published quality research papers from the field of business.				
Learning Outcomes	Upon successful completion of this course students should be able to: • Discuss and use the modern approaches to qualitative research and their role in improving related issues. • Discuss the theoretical and epistemological principles based on advanced qualitative research approaches • Apply the advanced research methodologies of qualitative research • Identify and apply the practical dimensions of qualitative research • Develop qualitative research projects by selecting the appropriate procedures and approaches according to the research objectives and the research questions that have been set • Collect organize and analyze data using quality data analysis software (eg ATLAS.ti, NVivo). • Explore the impact of various research models (theoretical framework, ethical issues, validity, etc.) • Recognize and discuss dilemmas on key issues related to the implementation and acceptance of qualitative approaches to safety related research				

<table>
<tr><td>Prerequisites</td><td>NONE</td><td>Co-requisites</td><td>NONE</td></tr>
<tr><td>Course Content</td><td colspan="3">Epistemological assumptions and epistemological examples of qualitative research
Development of research questions of qualitative research (eg positivism approaches, post-structuralism, critical theory)
Design research, data collection (eg conducting interviews, observations, archive and photographic material, video recording) and gain entry
Methodological Approaches to Qualitative Research (Case Studies, Action Research, Ethnography, Founded Theory, Phenomenology, etc.)
Validity and ethics issues in qualitative research
Analytical approaches and qualitative research strategies
Use of quality data analysis software (eg ATLAS.ti, NVivo)
Generalization issues in qualitative research</td></tr>
<tr><td>Teaching Methodology</td><td colspan="3">Face-to-face</td></tr>
<tr><td>Bibliography</td><td colspan="3">Robson L.S., Shannon H.S., Goldenhar L.M. & Hale A.R. Guide to evaluating the effectiveness of strategies for preventing work injuries: how to show whether a safety intervention really works. Department of Health Services, NIOSH. Cincinnati.

Denzin, Norman K. & Yvonna S. Lincoln (Eds). Handbook of Qualitative Research. Thousand Oaks, CA: Sage. (latest edition)

Flick, U The SAGE Handbook of Qualitative Data Analysis, Thousand Oaks, CA: Sage. (latest edition)</td></tr>
<tr><td>Assessment</td><td colspan="3"><table><tr><td>Examinations</td><td>60%</td></tr><tr><td>Project</td><td>30%</td></tr><tr><td>Class Participation and Attendance</td><td>10%</td></tr></table></td></tr>
</table>

	100%
Language	English