Course Title	Research Project			
Course Code	MED-405			
Course Type	Required			
Level	Undergraduate			
Year / Semester	Year 4/ Semester 7 (Fall)			
Teacher's Name	Course Lead: Dr Constantina Constantinou			
ECTS	6 Lectures / week 2 Laboratories / week 0			
Course Purpose and Objectives	Dr Constantina Constantinou			

Loorning	Learning outcomes for all students:				
Learning	After completion of the course students should be able to:				
Outcomes	1. Access, analyse and evaluate published research papers.				
	2. Develop and apply analytical and critical appraisal skills.				
	Develop self-directed learn				
	4. Study, in depth, a topic of p		le the core curriculum.		
	5. Describe the ethical issues				
	integrity, copyright and cita	•	obaron papor moraang		
	6. Demonstrate time manage				
	7. Consider potential career p				
	For students in Pathway A carrying out a Narrative Literature Review:				
	After completion of the course students should be able to:				
	1. Describe the aims and structure of a Narrative Literature Review.				
	2. Discuss and critically appraise the literature.				
	3. Write a Narrative Literature		a publication in an		
	academic journal.		- F		
	4. Describe how a Narrative L	iterature Review can s	upport the development		
	of research hypotheses and				
		• •			
	For students in Pathway B carrying a Research Project:				
	After completion of the course students should be able to:				
	1. Implement an original Rese				
	service evaluation) incorpo	rating collection of qua	ntitative or qualitative		
	data				
	2. Collect data and analyse up		ncluding simple		
	descriptive statistics and gr	•			
	Discuss and critically appra				
	recognising any limitations of the collected data, and drawn conclusions				
	meeting the study aims				
	4. Design and produce a Res				
	conference that meets the				
	English and accessible by a				
	healthcare professionals, re	esearchers and medica	l educationalists.		
	Describe the ethical issues	relevant to writing a re	search paper including		
	integrity, copyright and cita	tion.			
Prerequisites	None	Required	None		
1 Toroquisitos					
	Introduction to the course.				
Course	 The structure of the Narrative Litera 	turo Doviow			
Content					
	Carrying out a Literature Review.				
	Critical appraisal of the literature.				
	Writing a Narrative Literature Review				
	Carrying out an Original Research Project.				
	 Constructing a scientific poster. 				
	Presenting a scientific poster.				
Teaching	Lectures, tutorials with Course Lead, self-d	irected learning.			
Methodology					
weaterouology					
Bibliography	PATHWAY A:				
	 Background reading on non-communicable diseases 1. Noncommunicable diseases Factsheet. World Health Organisation. January 2015. 				
	World Health Organization. Global H	Health Observatory (GF	IU): NCD mortality and		

Mood	rtance and guidelines for writing Narrative Review Articles (available
	Ferrari, R. (2015) 'Writing narrative style literature reviews', <i>Medical Writing</i> , vol.
0.	pp. 231-234.
4.	Mayer, P. (2009) 'Guidelines for writing a review article.'
5.	Pautasso, M. (2013) 'Ten simple rules for writing a literature review', PL
	Computational Biology, 9(7), pp. e100319.
Samp	le Narrative Review articles (available on Moodle)
6.	Ford, A.C., Lacy, B.E. and Talley, N.J. (2017) 'Irritable bowel syndrome', The
_	New England Journal of Medicine, 376(26), pp. 2566-2578.
7.	Shah, R., Rosso, K. and Nathanson, S. D. (2014) 'Pathogenesis, prevention
	diagnosis and treatment of breast cancer', World Journal of Clinical Oncology
Q	5(3) pp. 283-298. De Benedictis, D. and Bush, A. (2017) 'Asthma in adolescence: is there any
0.	news?', Pediatric Pulmonology, 52, pp. 129-138.
9.	Giordano, S. H. (2005) 'A review of the diagnosis and management of male
	breast cancer', <i>The Oncologist</i> , 10, pp. 471-479.
10	D. Randolph, C. (2013). 'Pediatric exercise-induced bronchoconstriction
	contemporary developments in epidemiology, pathogenesis, presentation
	diagnosis, and therapy', Curr Allergy Asthma Rep, 13, pp. 662-71.
11	. Fan, L., Strasser-Weippl, K., Li, J., St Louis, J., Finkelstein, D., Yu, K., Cher
	W., Shao, Z. and Goss, P. (2014). 'Breast Cancer in China', <i>The Lancet</i> , 15, pp e279-e289.
12	2. Lin, Q-J., Yang, F., Jin, C., and Fu D-L. (2015) 'Current status and progress of
	pancreatic cancer in China', World Journal of Gastroenterology, 21(26) pp. 7988
	8003.
13	B. Gallardo-Rincón D, Espinosa-Romero R, Muñoz WR, Mendoza-Martínez JR, de
	Villar-Álvarez S, Oñate-Ocaña L, Isla-Ortiz D, Márquez-Manríquez JP, Apodaca
	Cruz A, Meneses-García A. (2016). 'Epidemiological overview, advances i
	diagnosis, prevention, treatment and management of epithelial ovarian cancer i
	Mexico.' Salud Publica Mex 58, pp. 302-308.
	es on creating Research Posters (available on Moodle)
1.	Papanas N et al (2019). Creating a successful poster: 'Beauty is truth, truth beauty.' The International Journal of Lower Extremity Wounds 2019, Vol. 18(1)
	6–9.
2.	Bavdekar SB et al. (2017) Creating posters for effective scientific communication
	Journal of The Association of Physicians of India 65, 82-88.
3.	Gundogan, B., Koshy, K., Kurar L and Whitehurst, K. (2016) 'How to make an
	academic poster.' Ann Med Surg (London) 11, 69-71.
4.	Research posters. A guide for creating, editing and presenting a successful
	research project. Accessible at
-	https://guides.temple.edu/c.php?g=264815&p=1768809
5.	Miller JE. Preparing and presenting effective research posters. (2007) Health
	Research and Educational Trust 311-327, DOI: 10.1111/j.1475- 6773.2006.00588.x Accessible at:
	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1955747/pdf/hesr0042-0311.pdf

Assessment	 (a) For students in Pathway A carrying out a Narrative Review: A 4000-word Narrative Literature Review article (100%) or (b) For students in Pathway B carrying out a Research Project: A Research Poster (100%).
Language	English