HIGHER DEGREE PROGRAMMES AUGUST 2019 SEMESTER

Last Update: *18/Jun/2019*

Timetable is subject to changes. Students are required to check the timetable again one week before the commencement of lessons.
**Please refer to the "Course Synopses" on the next page.*

Online Course Registration:
22 July 2019 (9am) to 24 July 2019 (5pm)

Add/Drop Period:
13 Aug 2019 (9am) to 26 Aug 2019 (5pm)

Course Code	Course Title*	AU	Lesson Group	Class Size	Start Date	Class Schedule	Venue	Course Coordinator Details	Online Course Registration Period Course is Offered To	Add/Drop Period Course is Offered To	Remarks
SA830	Writing and Communication Skills for PhD Students	3	Tutorial Group 1	25	13-Aug-19	Tuesday, 18:00 - 21:00	NIE3-01-TR321	Dr MARY ELLIS, mary.ellis@nie.edu.sg	PhD Students.	PhD Students.	- Compulsory for AY2019 intakes and beyond; - Optional for earlier intakes; - Pass/Fail - For more information, please refer to Student Handbook for Research Students
SA880	Topics in Social and Economic History	3	Tutorial Group 1	5	13-Aug-19	Tuesday, 16:30 - 19:30	NIE3-03-134	Assoc Prof KEVIN PETER BLACKBURN, kevin.blackburn@nie.edu.sg	All HSSE Research Students	All HSSE Research Students	Min. 1 to run
SC866	Topics in Mathematics II	3	Tutorial Group 1	5	14-Aug-19	Wednesday, 13:30 - 16:30	NIE7-03-37	Asst Prof ZHU YING, ying.zhu@nie.edu.sg	All Research Students. Please write to course coordinator for permission. Pre-requisites of MSM814, MSM827, SC863.	All Research Students. Please write to course coordinator for permission. Pre-requisites of MSM814, MSM827, SC863.	Min. 1 to run
SR809	Structural Equation Modeling for Education Research	3	Tutorial Group 1	20	20-Aug-19	Tuesday, 13:30 - 16:30	NIE5-01-TR501	Dr Jose David Munez Mendez, david.munez@nie.edu.sg	All Research Students. Pre-requisites: Basic knowledge of regression analysis.	All Research Students. Pre-requisites: Basic knowledge of regression analysis.	Min. 3 to run
SR820	Statistics Skills Lab: Applied Statistics for Psychological and Educational Research	3	Tutorial Group 1	20	22-Aug-19	Thursday, 13:30 - 16:30	NIE5-01-TR501	Dr Jose David Munez Mendez, david.munez@nie.edu.sg	All Research Students. No extensive statistical knowledge is required.	All Research Students. No extensive statistical knowledge is required.	Min. 3 to run
SR823	Brain, Body, and Cognition	3	Tutorial Group 1	20	15-Aug-19	Thursday, 18:00 - 21:00	NIE5-01-TR501	Dr Tsotsi Stella, stella.tostsi@nie.edu.sg	All Research Students	All Research Students	Min. 2 to run

Last updated on 18 June 2019

Course Code	Course Title	Description	Academic Unit
SA830	Writing and Communication Skills for PhD Students	This course aims to improve the academic writing and oral communication skills of PhD students. Participants will study the discourse and linguistic conventions of academic writing in their own disciplines, and apply this knowledge to the writing of their theses/research papers. In addition to studying the discourse practices of academic writing, participants will examine the thinking processes underlying the formation of those practices. Participants will also learn the structures and processes of effective oral presentations. A range of topics will be explored, including writing different sections of a thesis/research paper; planning and writing research proposals; using language resources for effective writing; conceptualising research writing as argument; giving formal presentations in seminars, conference, PhD oral examinations, and job talks; and communicating ones research effectively to non-experts. The course will be taught by experienced educators of communication skills at NIE.	3
SA880	Topics in Social and Economic History	Social and economic history today cover a broad range of history from Peoples History or history from below to economic history, which looks at impersonal economic forces. The common themes of these two intertwined typed of hisotry are explored in this course. A variety of cases studies are covered, with a focus on Asian history.	3
SC866	Topics in Mathematics II	Selected topics from real analysis, functional analysis, algebra and topology.	3
SR809	Structural Equation Modeling for Education Research	This course covers the theory of structural equation modeling and its application in educational research. Issustrations and applications using software packages will be a feature of the course. Application on educational research projects is the emphasis of the course.	3
SR820	Statistics Skills Lab: Applied Statistics for Psychological and Educational Research	This special topic course is intended for students who are pursuing a Ph.D. or Master by research and NO extensive statistical knowledge is required. This is a hands-on skills development course entirely conducted in the computer lab to gain experience in applied statistics for psychological and educational research. The aims of the course are to provide students with the essential skills to confidently conduct a repertoire of stsatistical analyses typically required for the doctoral level and provide a solid foundational skillset for postdoctoral research. Moreover, the course will prepare students to be able to report/defend actual findings of statistical analyses in a scientific manner using APA guidelines and practices.	3
SR823	Brain, Body, and Cognition	Rapid changes in the milieu of 21st century learning culture and environments foregrounds the criticality for educators to be cognizant of the multi-dimensional aspects of human cognition. Oriented towards maximizing learner potential, this course entails an in-depth understanding of the nature of human learning and cognition that stems from the neurobiological to the sociocultural. Traversing human learning mechanisms that are inextricable from physical, biological, social, and cultural-historical contexts, this course offers a unique point of convergence between front-lines of the science of learning as interfaced between neuroscience (brain), physiological and behavioural sciences (body) and its situated environment (context). Having a grasp of the interfacing dimensions between brain, body, and context allows for a deep understanding of how learning occurs, particularly in the current milieu. This course will provide a strong foundation for students wishing to pursue graduate study in education and the learning sciences.	3