

Semester	5		
Course code	ZOO 31532		
Course Name:	Environmental Impact Assessment		
Credit Value:	2		
Core/Optional	Optional for the BSc Degree programme. Compulsory for the BSc (Honours) Degree programme in Zoology.		
Pre requisites	ZOO 22543 / ENCM 21543		
Co-requisites	None		
Hourly Breakdown	Theory	Practical	Independent Learning
	22	16	62
Course Aim/Intended Learning Outcomes: After completion of the course unit, the student will be able to; <ul style="list-style-type: none"> ➤ describe and discuss Environmental Impact Assessment process, and ➤ demonstrate competencies in planning and executing EIA process. 			
Course Content: Introduction to Environmental Impact Assessment (EIA); EIA and quality of life, Principles of EIA, History of EIA, The Nature of EIA, Purpose of EIA, Origin and development of EIA process and worldwide spread of EIA, Developmental projects, environment and impacts; EIA procedures and managing EIA process, EIA methodologies: Optimization of resources, cost-benefit analysis, cost-effectiveness analysis, opportunity cost, 'the multiplier', contingent valuation, travel cost approach, Hedonic price technique, ecological evaluation, matrices and checklists, the multidisciplinary team, best professional judgment, Impact prediction, evaluation and mitigation, Principal stakeholders in EIA; developers, affected parties, regulators, facilitators, institutional interactions, Public consultation and participation in EIA process; EIA presentation, Monitoring and auditing, Problems associated with EIA process in developing countries and potential solutions, Issues related to scope of assessment, the nature of methods of assessment, the relative role of participants in the process, and the quality of assessments, Myths about EIAs, Incorporation of impacts and their mitigation into the process, Use of EIA as a decision making tool for achieving sustainable development; Improving the effectiveness of project assessment; Widening the scope of EIA (Strategic Environmental Assessment; SEA); Case studies.			
Teaching /Learning Methods: A combination of lectures, assignments, self-studies, computer based learning, and small group discussions.			
Assessment Strategy: Continuous assessment and end of semester examination.			
Continuous Assessment 30%		Final Assessment 70%	
Details: Online and/or in-class assignment/quizzes 30%	Theory (%) 70%	Practical (%) NA	Other %)(specify) NA
Recommended reading: <ol style="list-style-type: none"> 1. Canter, L.W., (1996) Environmental Impact Assessment, Second Edition, McGraw Hill Publishing Company, Inc., New York. 2. CEA Report: Handbook on strategic Environmental Assessment (SEA). www.cea.lk/web/images/pdf/SEAGuideline.pdf 3. CEA (2013). EIA Procedure in Sri Lanka. 4. www.cea.lk/web/index.php/en/environmental-impat-assessment-eia-procedure-in-sri-lanka 5. EIA reports of various development projects. 6. Gilpin, A., (1995). Environmental Impact Assessment (EIA) –Cutting edge for the Twenty First Century, Cambridge University Press, Cambridge, England. 7. Vanclay, F., and Bronstein, D.A., (1995) Environmental and Social Impact Assessment, JohnWiley and Sons Ltd., Chichester, England. 8. Glasson, J., R. Therivel and A. Chadwick (1999) Introduction to Environmental Impact Assessment. University College London Publication, Tayler and Francis Group. 9. Zubair, L. (2001). EIA procedure: Challenges for Environmental Impact Assessment in Sri Lanka. Environmental Impact Assessment Review. 21:469-478. 			