



NAAB International Certification

Appendix 1: Template for Course Descriptions - Electives [limit 1 page per course]

Number & Title of Course (total credits awarded):

ELTECH4&502 - Natural Resources - Semester - ECTS - Cicle/Profile: - Scientific Area:

Course Description (limit 25 words)

Preserve and rational use of natural resources (ecosystems, biogeochemical cycles, materials and energy) in Architecture Design and Urban Planning activities.

Course Goals & Objectives (list):

The topics covered provide a global overview of the problems and lines advocated by the SDG in the fields of architecture and urban planning.

Student Performance Criterion addressed (list number and title):

Primary - A.3 Investigative Skills; A.6 Use of Precedents; A.7 History and Global Culture; Secondary -

Topical Outline (include percentage of time in course spent in each subject area):

Lecturing - 50%;

Readings - 30%;

Investigative Work - 20%

Textbooks/Learning Resources:

Craig, J.R.; Vaughan, D.J.; Skinner, B.J. (2007) Recursos de la Tierra: origen, uso e impactoambiental. 3^a ediciⁿ. Pearson Educaciⁿ, Prentice Hall, Madrid;

European Environment Agency (2005) Sustainable use and management of natural resources. Copenhagen; UNEP, IRP (2019). Global Resources Outlook 2019: Natural Resources for the Future We Want;

Stahel, W.R. (2016) The circular economy, Nature, Vol. 531 No. 7595, pp. 453-438

Offered (semester and year):

2nd Year - Fall;

Faculty assigned (list all faculty assigned during the two academic years prior to the visit):

Jorge Manuel Tavares Ribeiro;