NANYANG TECHNOLOGICAL UNIVERSITY
School of Civil and Environmental Engineering

Recommended Textbooks and References for
Environmental Engineering Courses, AY 2019 - 2020

EN0001  SUSTAINABILITY PRACTICES FOR URBAN AND MARINE ENVIRONMENT

Text
Lecture notes and references listed in respective slides.

Reference
To be decided by course lecturer

EN1001  ENVIRONMENTAL CHEMISTRY

Text

Reference


EN2001  ENVIRONMENTAL ISSUES IN A CHANGING WORLD

Reference
Challenged Earth: an overview of humanity’s stewardship of Earth by Stephen F. Lincoln.

Clean, green and blue: Singapore’s journey towards environmental and water sustainability by Tan Yong Soon with Lee Tung Jean, Karen Tan.

Sustainable infrastructure: the guide to green engineering and design by S. Bry Sarté

Introduction to Environmental Engineering by M. Davis and D. Cornwell, McGraw-Hill

EN2002  ENVIRONMENTAL BIOLOGY AND MICROBIOLOGY

Text
Lecture notes and references listed in respective slides.

References

Microbiology of Drinking Water Production and Distribution, Wiley Backwell, by Gabriel Bitton.

Environmental Biotechnology: Principles and Applications, by Bruce E. Rittmann and Perry L. McCarty

EN2003  WATER SUPPLY ENGINEERING

Text

References
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Environmental Engineering Courses, AY 2019 - 2020


EN3001  SOLID &HAZARDOUS WASTE MANAGEMENT

Text


References


EN3002  WASTE WATER ENGINEERING

Text


References


EN3003  ENVIRONMENTAL TRANSPORT PROCESSES

Reference
EN3004  AIR POLLUTION CONTROL ENGINEERING

Text

Reference

EN4102  MEMBRANE WATER RECLAMATION TECHNOLOGY

Text
Nil

References

EN4104  ENVIRONMENTAL HYDRAULICS

Text
Nil

Reference
EN4105 INTEGRATED ENVIRONMENTAL MANAGEMENT

Text Nil

Reference

Lecture notes


EN4912 INTEGRATED DESIGN PROJECT

Text Nil

References:

Lecture notes


Peter Morris and Riki Therivel, Methods of environmental impact assessment, 3rd edition, Routledge, 2009 (Call no: TD194.68.G7M592 2009)