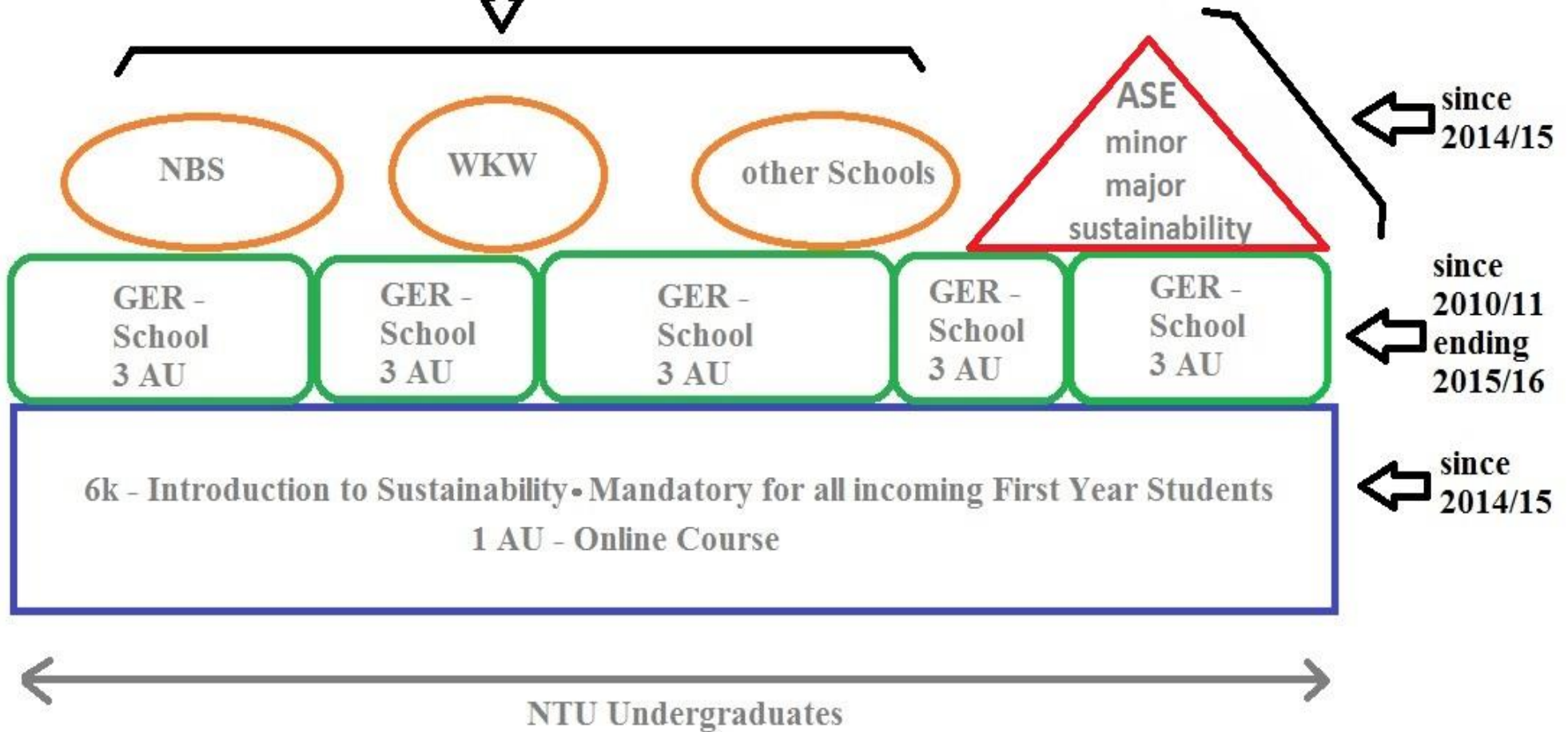


Sustainability Education at NTU: Overview, Update, KPIs, Roadmap

Sustainable Earth Peak Retreat
21 Oct 2015

Sustainability Education at NTU

timing and courses variable



Introduction to Sustainability
Multidisciplinary Approaches and
Solutions
(6k Sustainability Course)

SE Peak
Retreat
NTU Faculty
Sept 2011

SE@N
Nov 2012

Office of the Provost,
Online Course - 1 AU
(1 of 3 new online 1 AU
courses)
November 2013

An introductory sustainability course at NTU
mandatory each year for all 6000 first years

Working Group (Course Content)

Prof Claude Guet, ERI@N

Assoc Prof Tan Soon Keat, NEWRI

Asst Prof Judith Hubbard, EOS

Asst Prof Judith Walls, NBS

Asst Prof Chang Youngho, HSS

Asst Prof Alistair Cook, RSIS

Mohamad Ridwan, CITS

William Henry Clune, SEO, ASE - Chair

**Introduction to Sustainability:
Multidisciplinary Approaches and Solutions**
GC0001 (online course) - 1 AU
Opens Fall Term 2014/2015

**Module
1**

Earth Observatory of Singapore
(Sustainability and Earth, Environmental,
and Ecological Systems)

Energy Research Institute at NTU
(Sustainable Energy)

**Module
2**

**Module
3**

Division of Economics
(Prosperity and Economic Growth
within Ecological Boundaries)

Nanyang Environment and Water Research Institute
(Sustainable Water Management, Urban Infrastructure,
Built Environment)

**Module
4**

**Module
5**

Nanyang Business School
(Sustainable Business, and the Role of
Finance and Incentives)

The S. Rajaratnam School of International Studies
(The Political Economy of Sustainability)

**Module
6**

Next Steps

- (1) Improve the content of the 6 course modules
 - reconstitute the working group
 - 2016/17 improve the current beta version
 - 2017/18 final version of the course

- (2) In Parallel, begin work on the MOOC
 - the 6 course module are part of this
 - plans for Smithsonian and Complexity modules
 - open ... to other ideas, modules, content
 - 2017/18 (fall or spring term) target
 - MOOC committee?