



PhD GOT: Current Scenario

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PROGRAM
GOT & U



The Contents

- GOT – National Agenda
- Challenges
- PhD's Completion Time in Other Countries
- PhD's Completion Time in Malaysia
- Strategies for GOT at institutional level

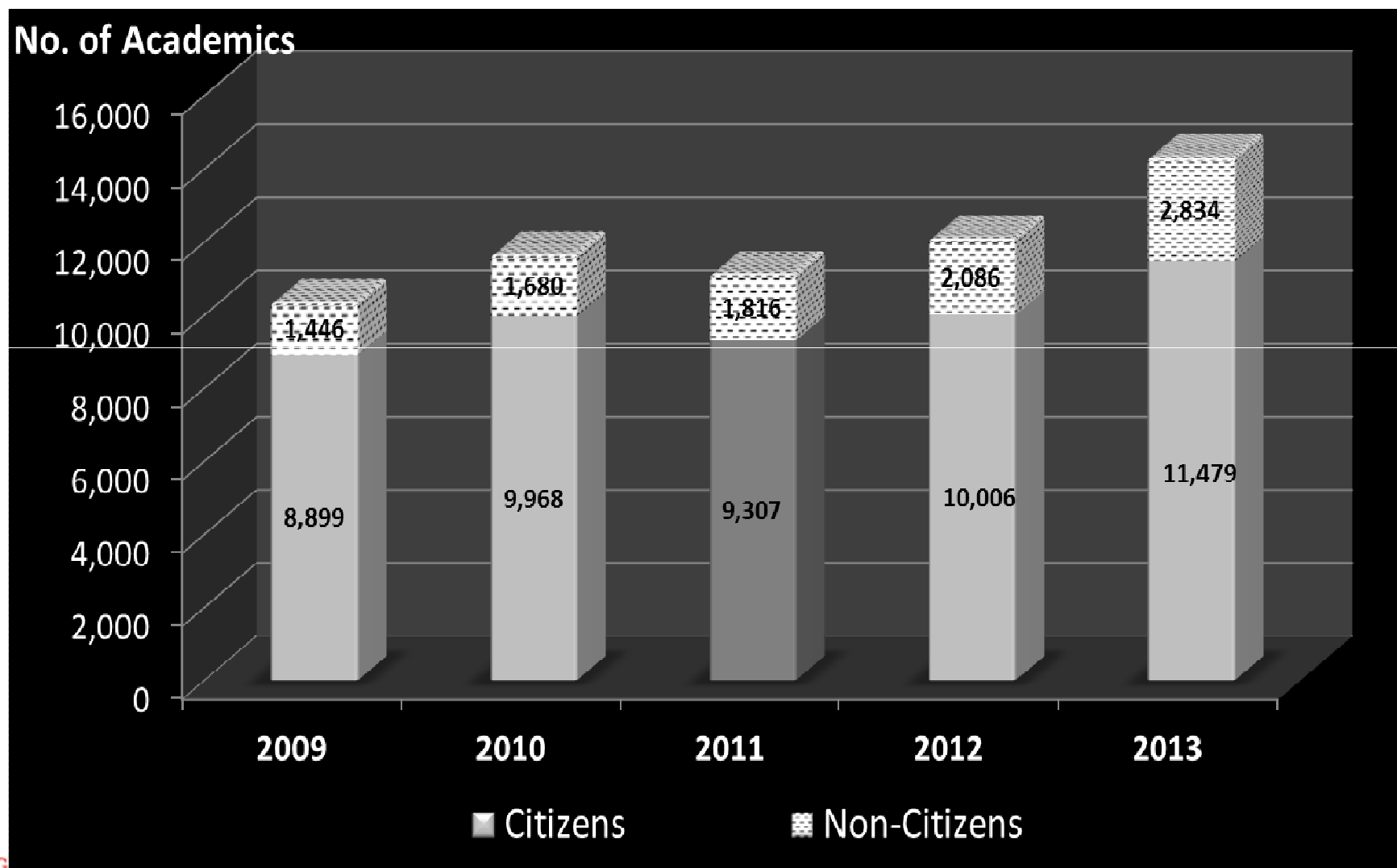


Malaysia Education Blueprint

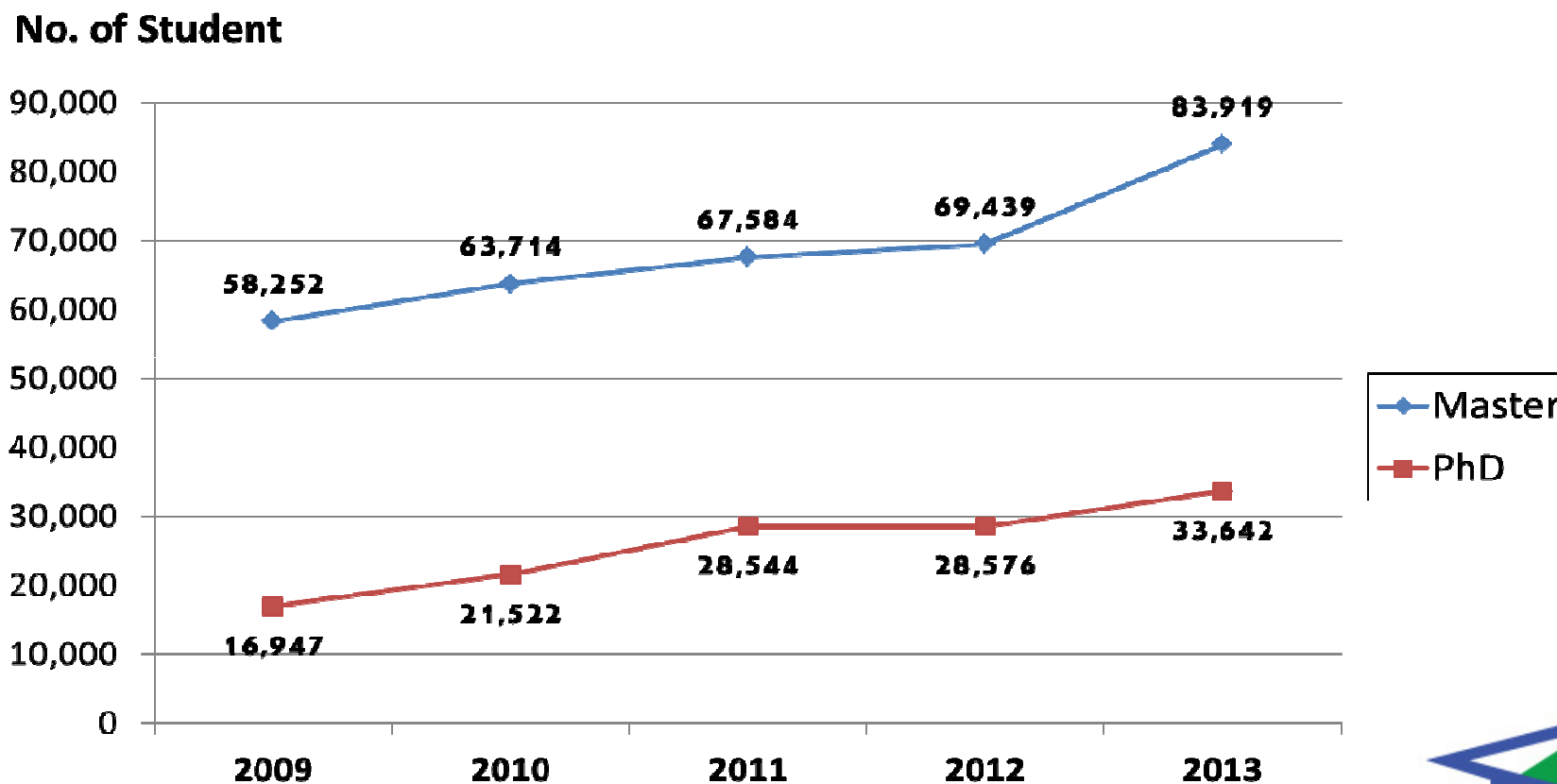


Number of Academics with Doctorate in HEI (2009-2013)

(Source: Ministry of Education Malaysia)



Number of Student Enrolment for Post Graduate Study in HEI, 2009-2013

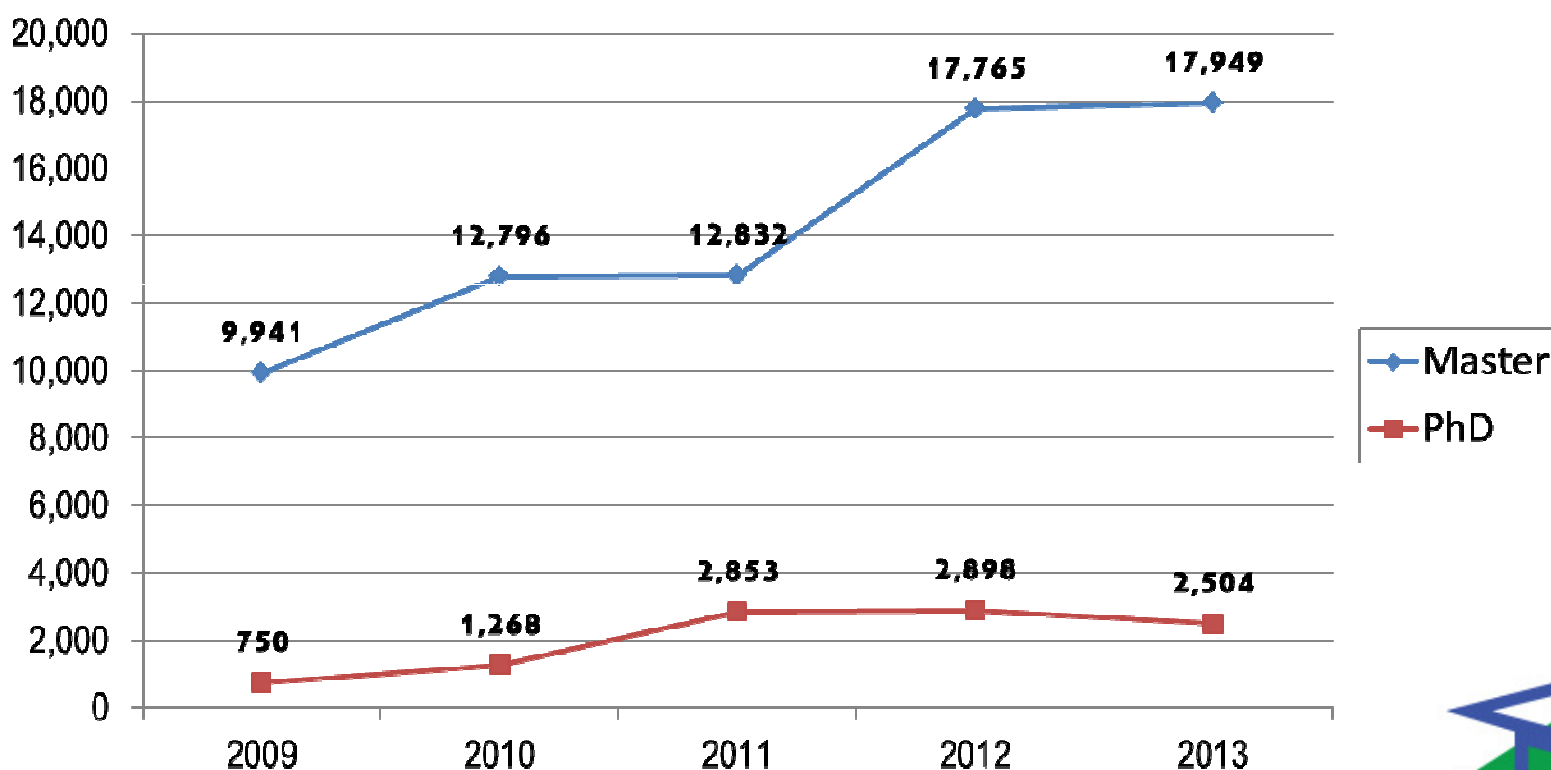


(Source: Ministry of Education Malaysia) * MyBrain15 scholarship embarked in 2011



Number of Graduates for Post Graduate Study in HEI, 2009-2013

No. of Student



(Source: Ministry of Education Malaysia) * MyBrain15 scholarship embarked in 2011



Issues and Challenges

- Quality of research
- Quality of training
- Research Skills
- Supervision skills
- Social skills
- Communication skills
- 21st Century skills
- Industrial relevance
- Output -

Quality

- Stakeholders requirements
- Malaysian Qualification Agency (MQA) -Accreditation
- Ranking and Rating

Vision
2020

- 2023 – 60,000 PhD Holders
- 2008 – 8,000
- 2014 – ± 12,000

Quantity

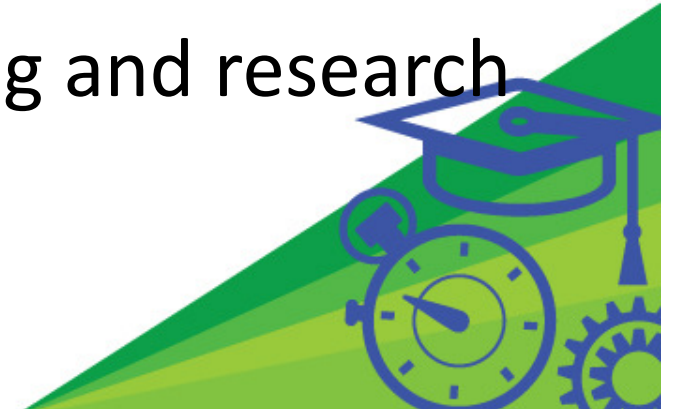
- Intake
- Enrolment
- Retaining pool of students
- Widening access vs limited

- Financial sustainability
- Low ROI
- Prudent graduate management
- How fast and well HEIs respond to changes



Challenges in PhD's Study

- High rates of student attrition (upwards to 40 - 50% in certain academic disciplines),
- Funding challenges,
- **Lengthy time-to-degree completion rates,**
- Limited academic job market in some academic disciplines,
- Inadequate training for teaching and research

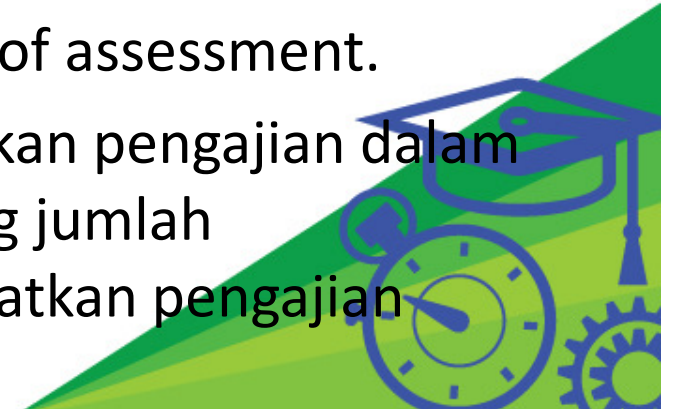


GOT!

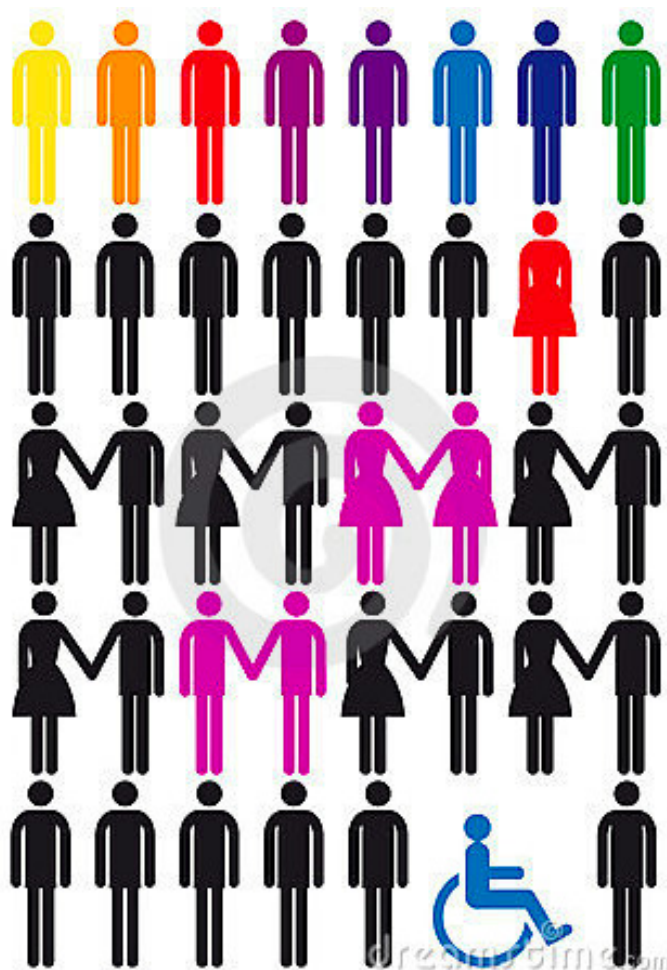


Current Definition

- iGOT vs GOT by MyRA2
- iGOT:
 - ‘iGoT’ is defined as the percentage of full-time students from a particular intake batch who graduate on or before the year that they are prescribed to graduate.
- GOT by MyRA2:
 - Number of PhD graduated within 7 semesters
 - % of PhD’s students graduated within 7 semesters from numbers of PhD’s graduated in a year of assessment.
 - Peraturan pelajar PhD yang menamatkan pengajian dalam tempoh tujuh (7) semester berbanding jumlah keseluruhan pelajar PhD yang menamatkan pengajian pada tahun yang dinilai.



Postgraduate Students



39 PhD's
Students

10% Get
Married

20% Get
Employed

5% Health
Problem

5% Parents/Spo
use Sick

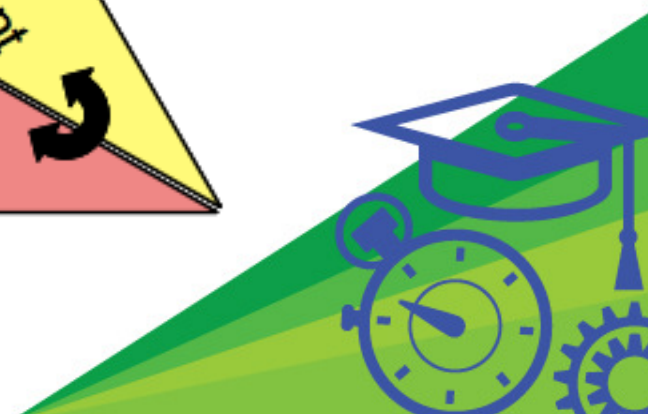
60% Active/
Full Swing in
Study

Greater Cohort Diversity



Factors contribute to timely completion (Jiranek (2010))

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Issues

- The length of time it takes to earn a doctoral degree varies according to:
 - Field of Study
 - Institutions/Curriculums
 - Countries
 - Sponsorship
 - Supervisors
 - Students

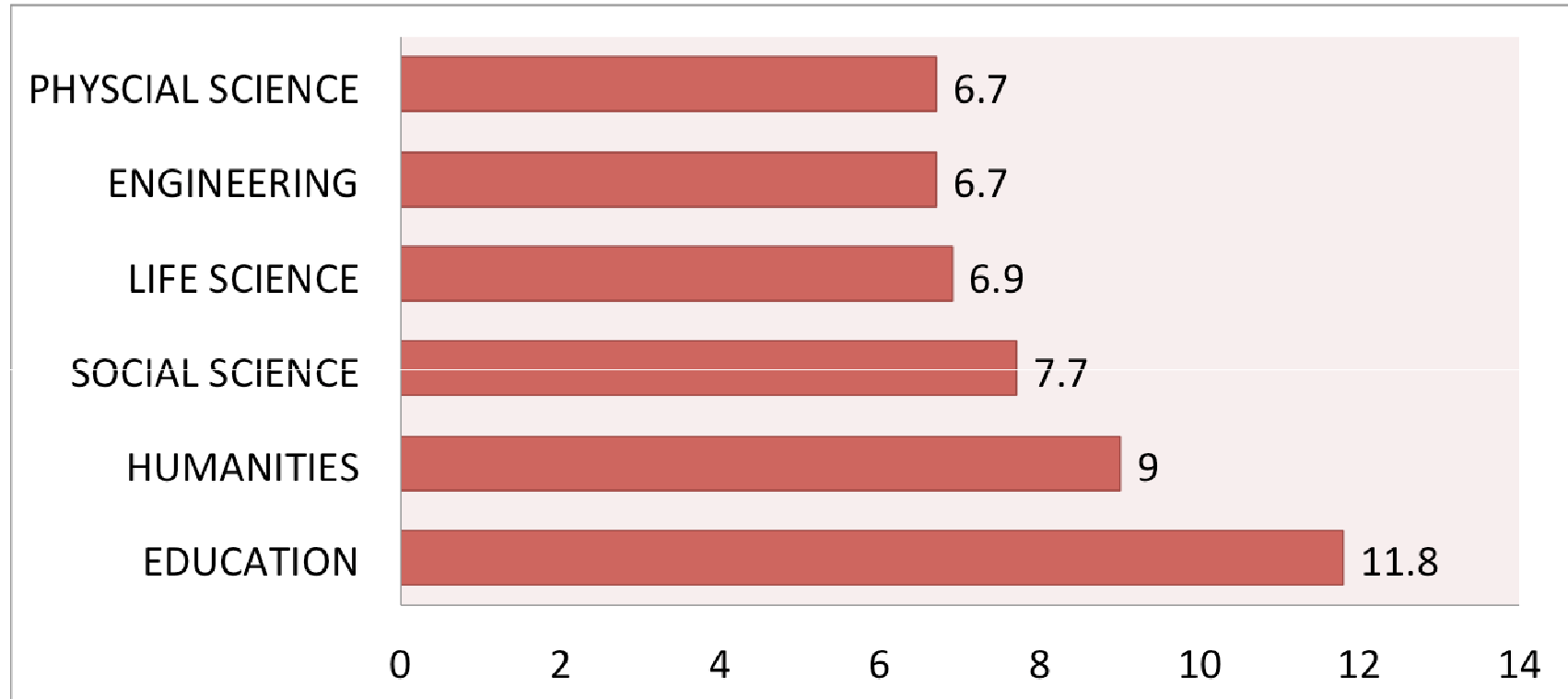


PhD Completion Time

- Field of Study
- Modes of Study – FT vs PT, Mainstream vs Remote
- Student's Age??
- Level of Resources
- Quality of Students
- Quality of Supervisors
- Graduate Education Ecosystem



PhD's Completion Time by Discipline - US

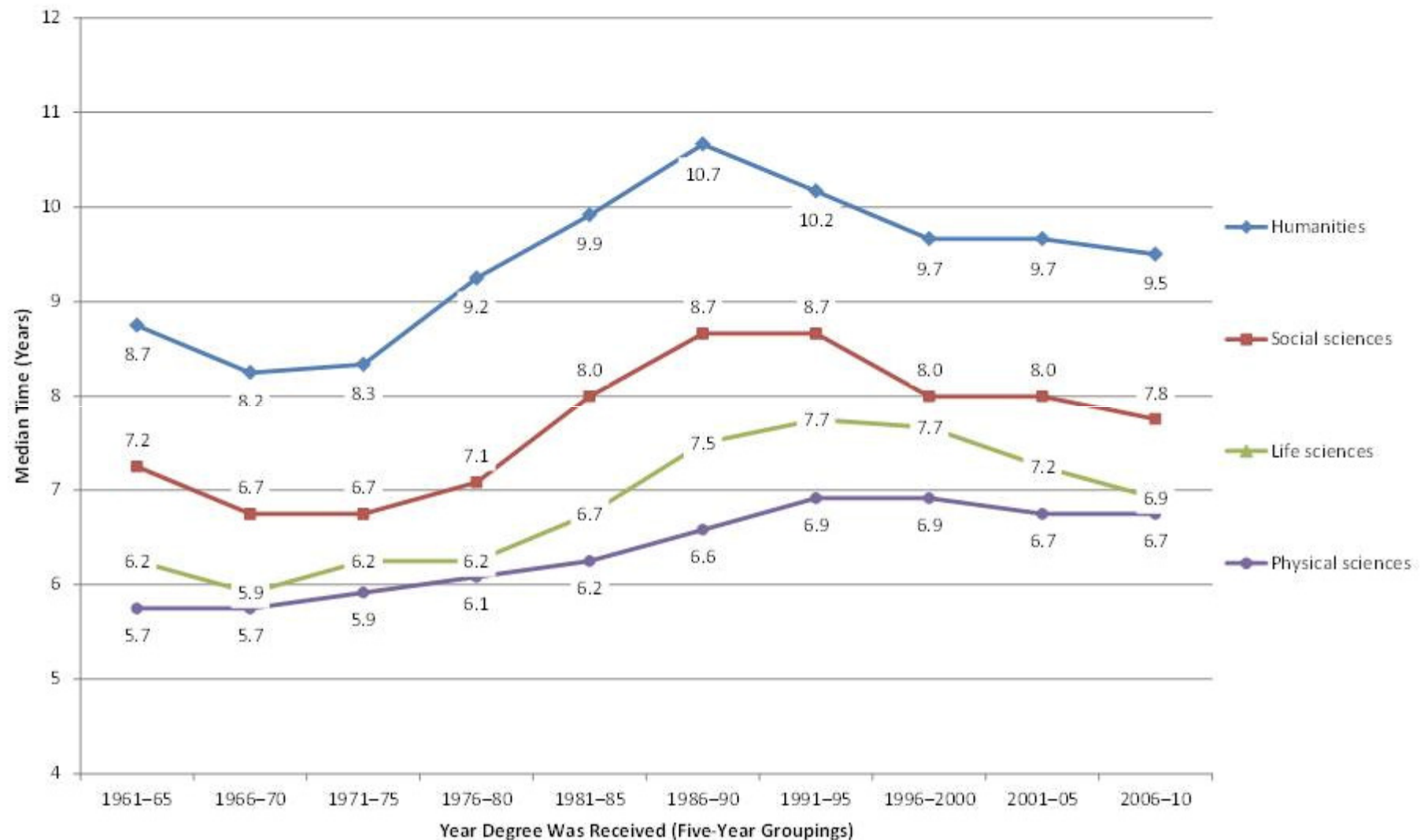


Source: Doctorate Recipients for US Universities, 2012

Figure 1.0 Median Time to Degree (in Years) from Entry into Graduate School, by Discipline, 2012

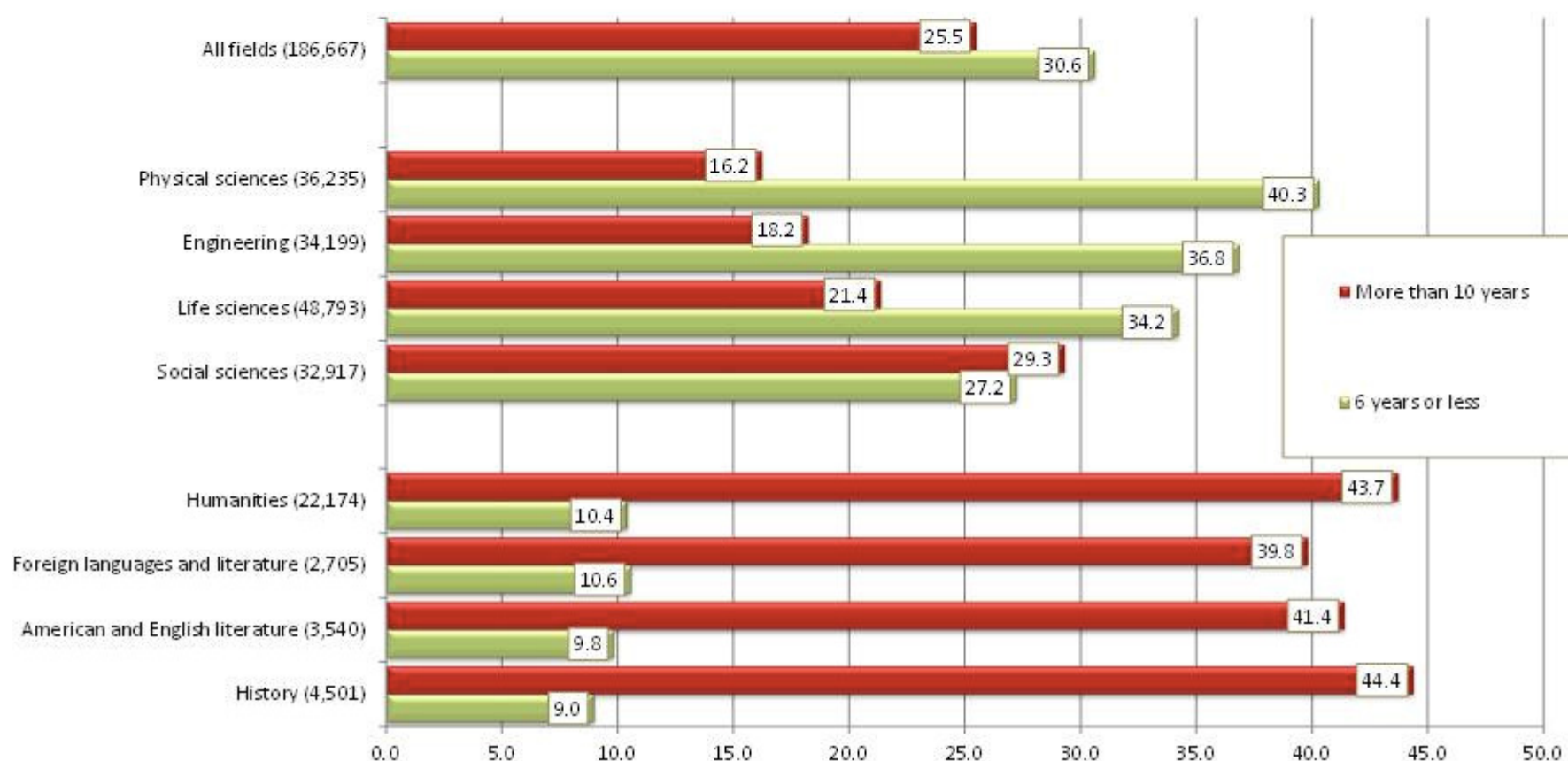


Median Time to Degree (in Years) from Entry into Graduate School, by Discipline and Year the Degree Was Received, 1961–65 to 2006–10



Source: Survey of Earned Doctorates, MLA custom data request

Percentage of 2006–10 Doctorate Recipients Taking Six Years or Less and More Than Ten Years to Complete Their Degree Programs, by Discipline

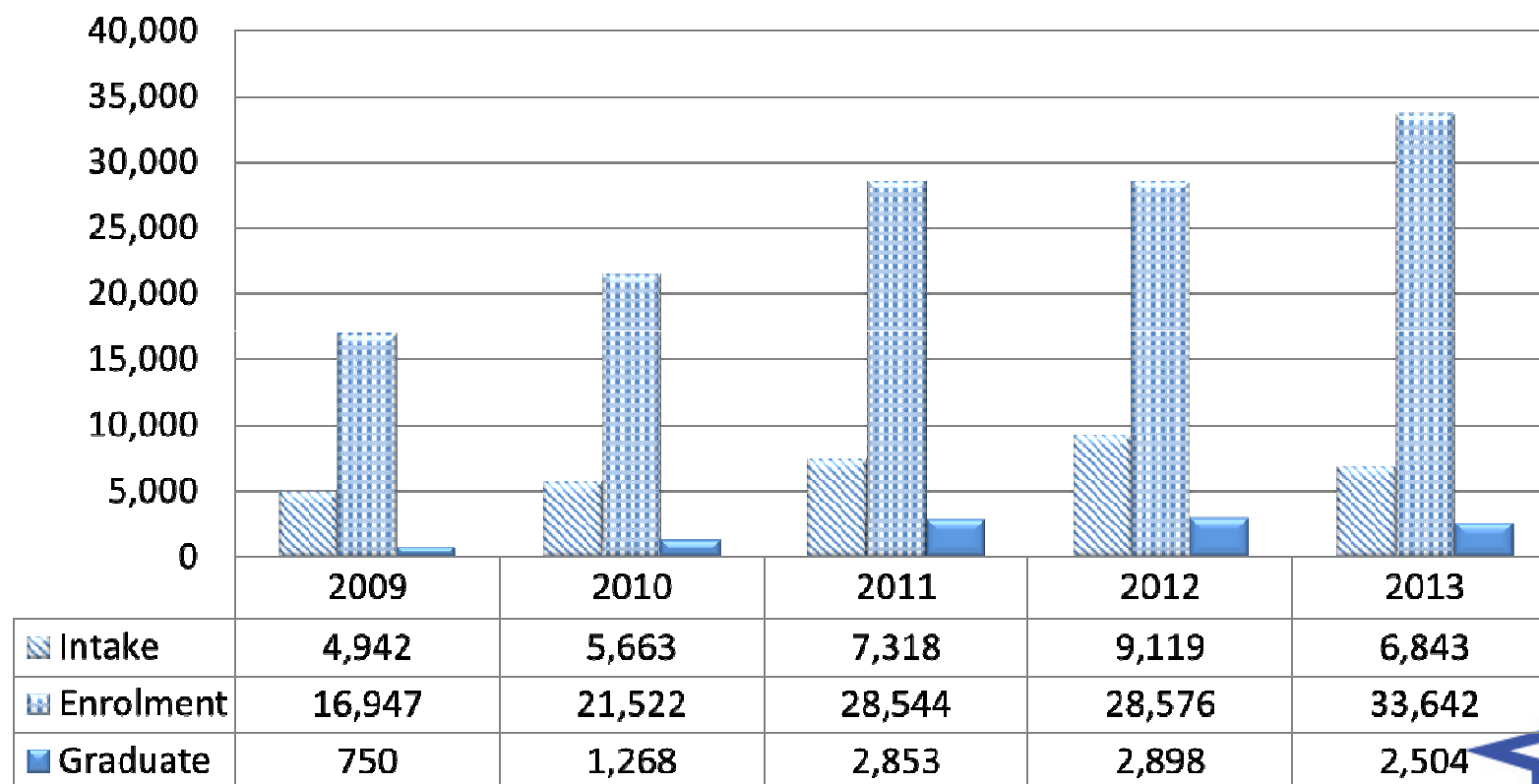


Source: Survey of Earned Doctorates, MLA custom data request

Note: The number of degree recipients forming the basis for the percentages is given in parentheses. The 3,540 degree recipients in American and English literature do not represent the total for English for the years 2006–10. Because of variations in the way the SED has collected information for English over the years, not all graduates the MLA customarily includes in the total for English were included in the special data run NORC prepared for us. Time to degree does not differ significantly between the total number of degree recipients in English and the subset of graduates included here.

Number of PhD Students for Intake, Enrolment and Graduates in Higher Education Institutes (HEI), 2009-2013

No. of Student



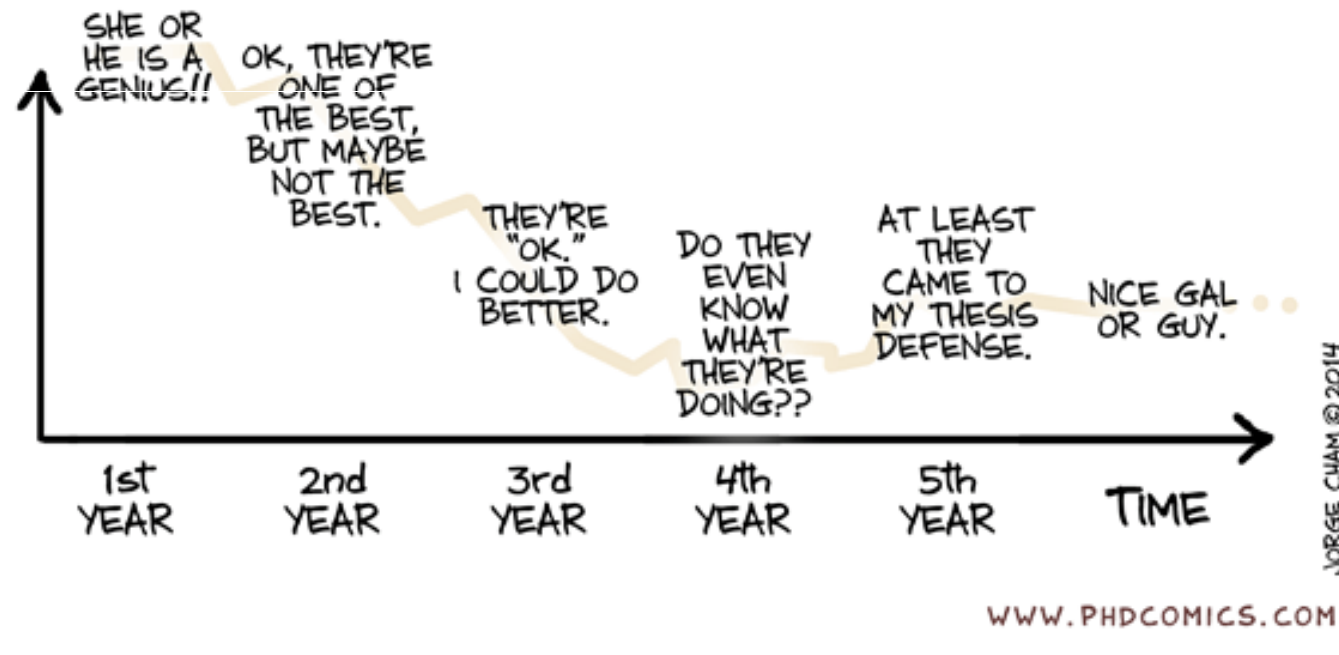
(Source: Ministry of Education Malaysia) * MyBrain15 scholarship embarked in 2011



GOT

- Achievable or Not?

WHAT YOU THINK OF YOUR PROFESSOR vs. TIME

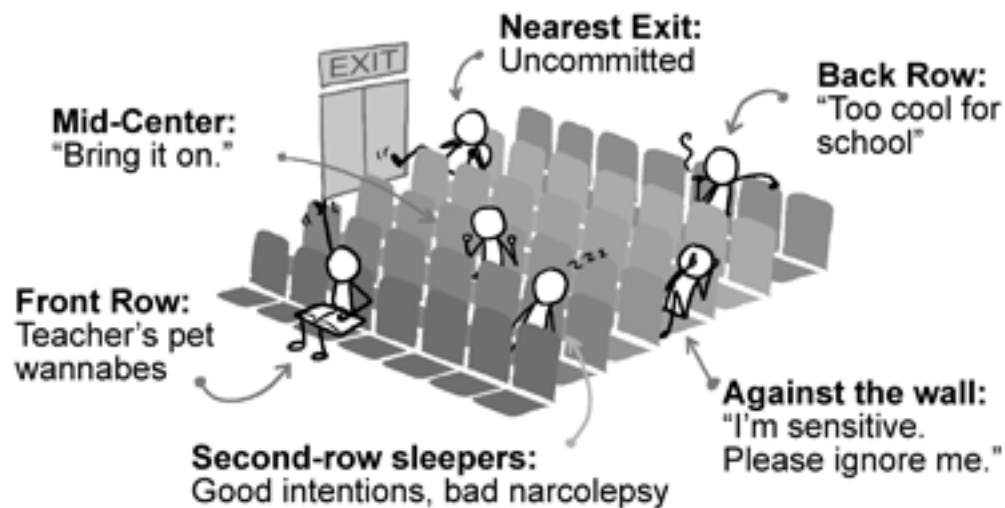


GOT

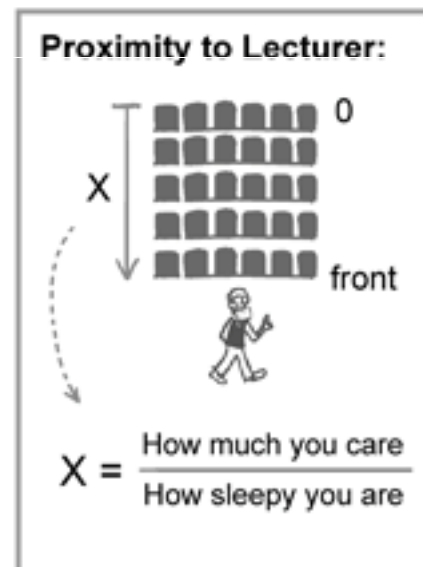
- Achievable or Not?

WHERE YOU SIT IN CLASS/SEMINAR

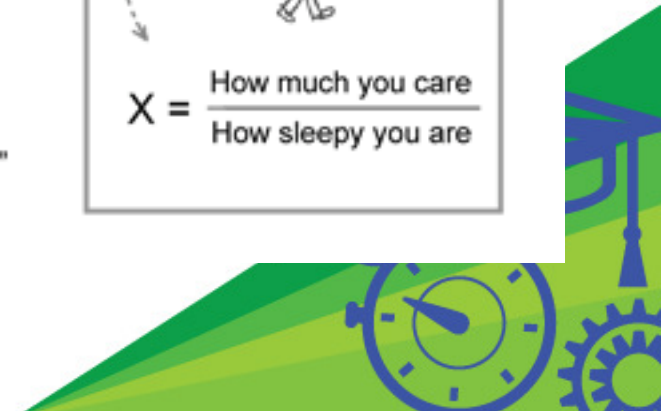
And what it says about you:



WWW.PHDCOMICS.COM



JORGE CHAM © 2008



AVERAGE TIME
(AUSTRALIA)

4

AVERAGE TIME
(EUROPE)

5

2000 - 2010
Doctoral Enrolment in Australia

27 966 - 47 066

AVERAGE TIME
(US)

7.5

AVERAGE TIME
(JAPAN)

5

AVERAGE TIME
(UK)

7

2013 PhD's Enrolment
in Malaysia

33 642

Graduates
2009 - 2013)

10 273

2000 - 2010
Doctoral Graduates in Australia

3 793 - 6 053

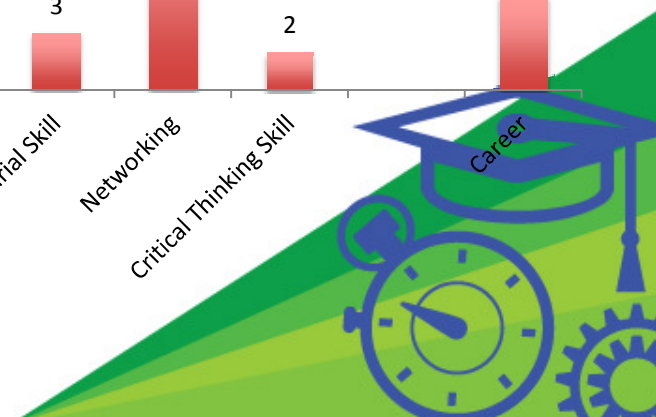
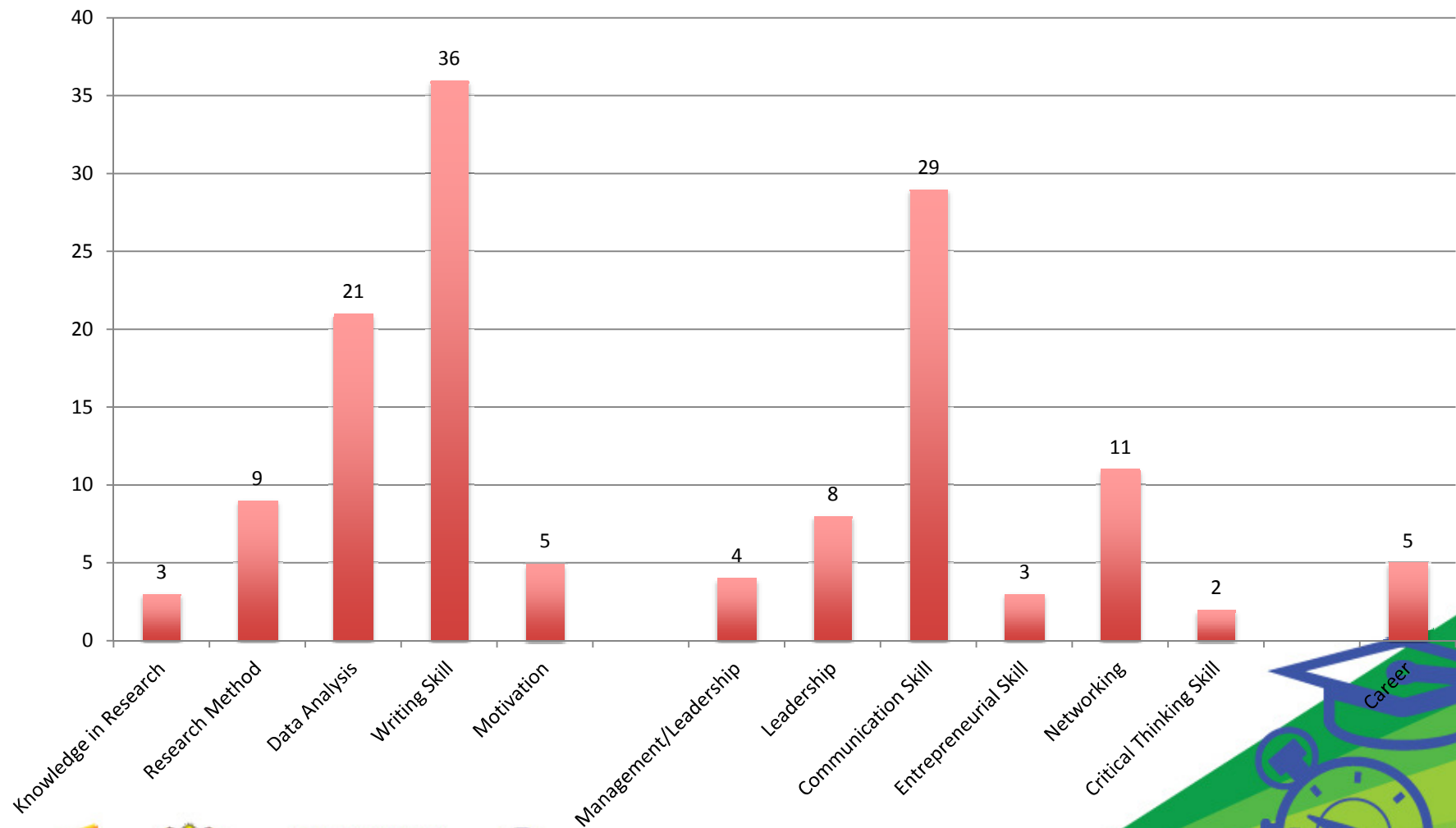
2010 - 2011
Doctoral Graduates in UK

72.9% - 7 years

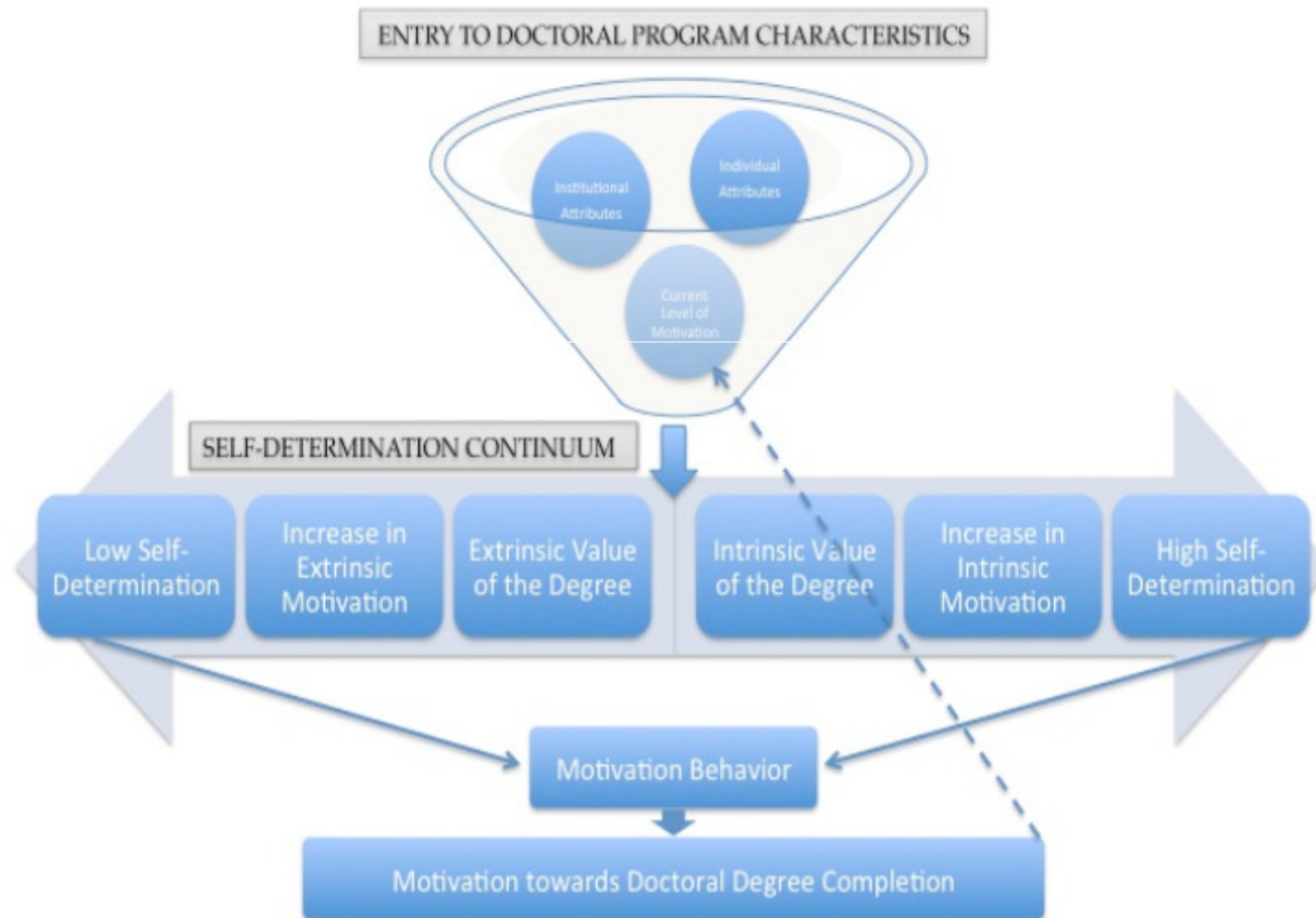
STRATEGIES



Professional Development Programme for Graduate Students at UTM in 2014 – 136 programmes



Doctoral Student Motivation



Variety of Malaysian Food

Cafe

On Campus Hotel & Hostel

Research Workstation

WiFi

Library

PERPUSTAKAAN RAJA TARITH SOH

Mock Viva

Progress Report

GSC

Grand Supervision

PGSS Structured Programmes

PGSS-UTM

MT³ THREE MINUTE THESIS

Viva Defense

Conferences/Journals

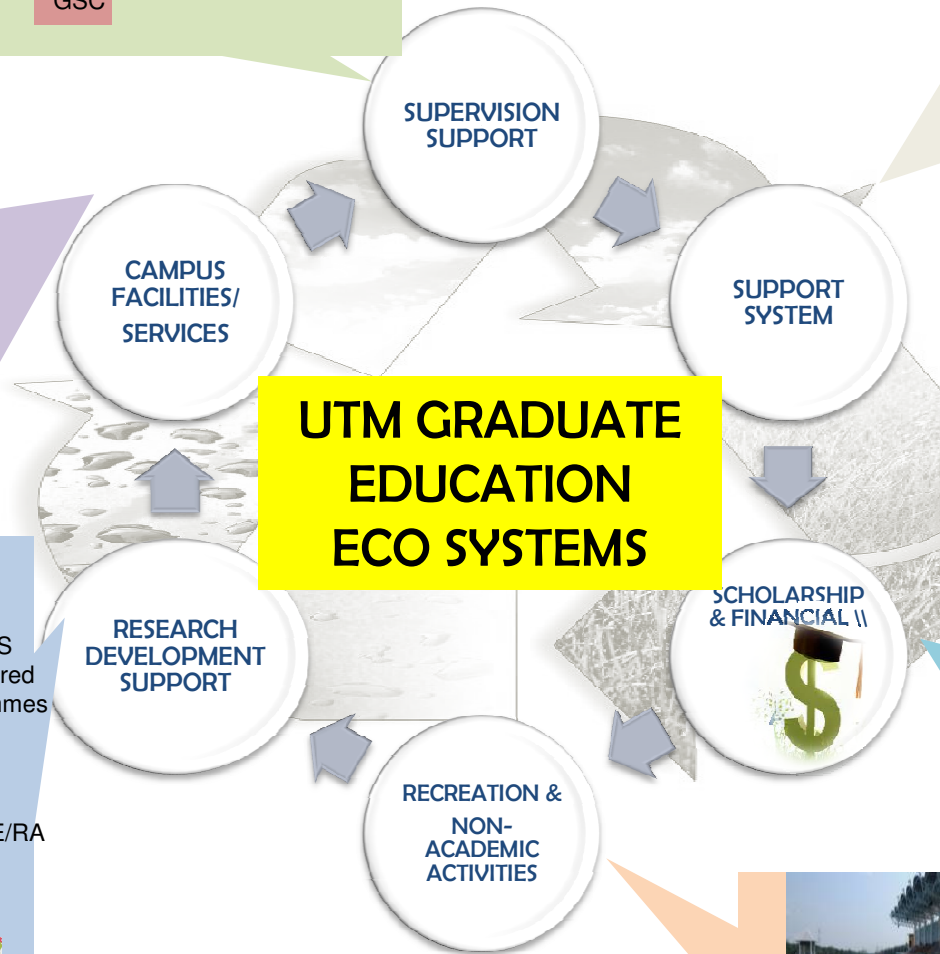
Colloquium

Doctoral XPDC

RG/COE/RA

Universiti Teknologi MARA

MYDEGS



UTM

UTM Graduate Education Eco Systems

SCHEME 1: UTM Zamalah for Doctoral degree programmes

SCHEME 2: UTM Zamalah for Master's degree programmes

SCHEME 3: International Doctoral Fellowship (IDF) for Doctoral degree programmes

SCHEME 4: Graduate Assistantship

SCHEME 5: Alinuddin Wahid Scholarship

RSG

DRG

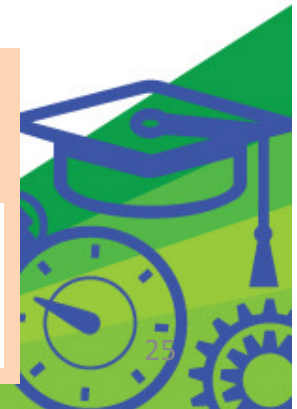
GSG

Citation & Incentive

Scholarships

GA

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Further Discussions

- Mentoring for GOT
- Eco-system for GOT
- What is Takes to GOT?





Acknowledgement:

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All parties that shared these data and info

