

# Why the 7 UTM Faculties?

## How are the New Faculties Chosen?



# Synergy 4.0 : A New Synergy Horizon

Faculty of Engineering

Faculty of Social Sciences and Humanities

Faculty of Built Environment and Surveying

Faculty of Science

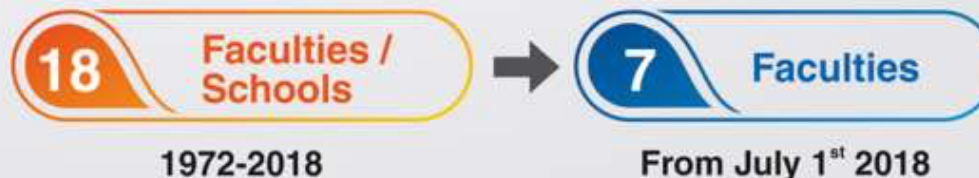
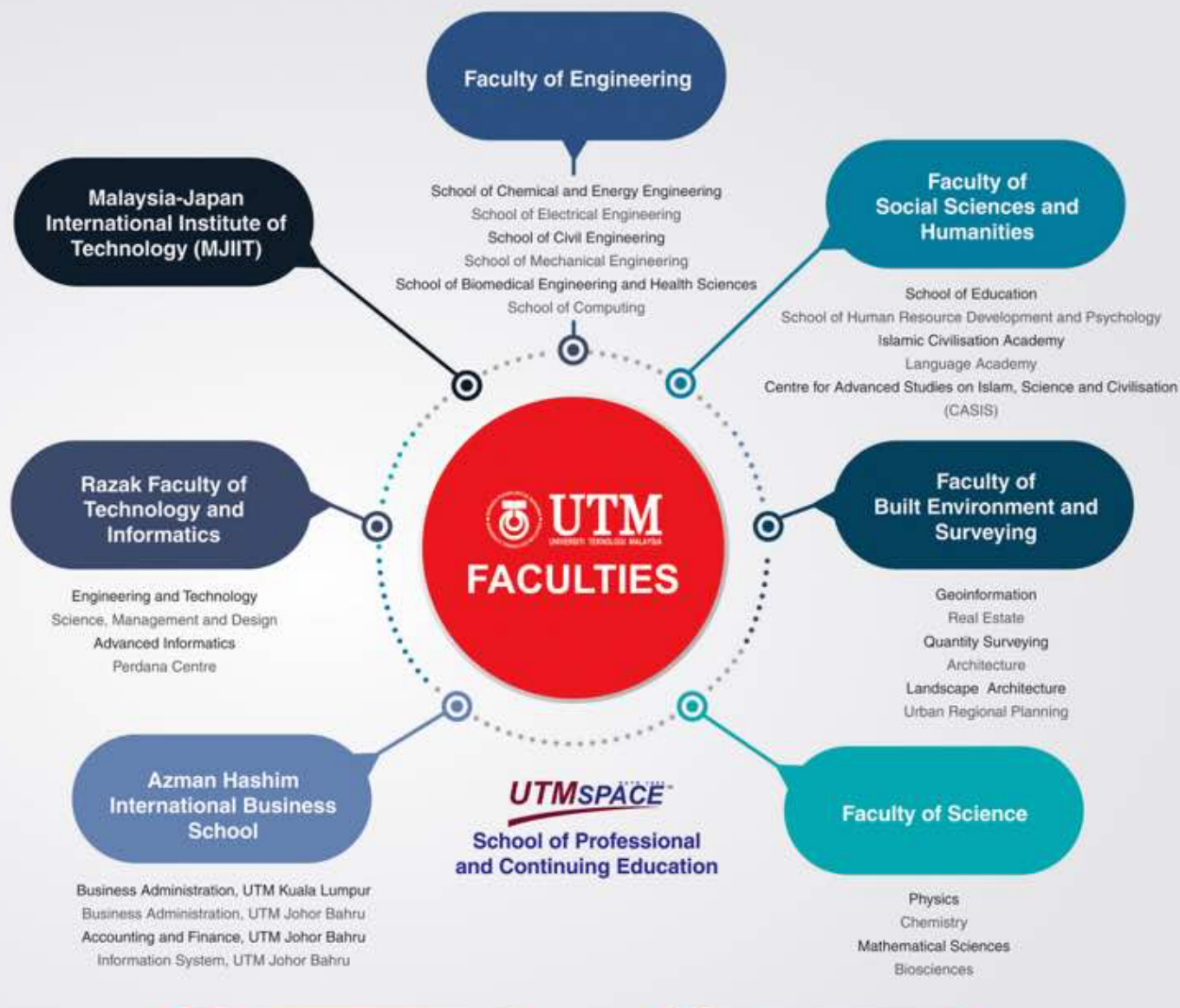
Azman Hashim International Business School

Razak Faculty of Technology and Informatics

Malaysia-Japan International Institute of Technology (MJIT)

*\*Boxes shown by faculty with the most (top) to the least # of academic staff (bottom)*

innovative • entrepreneurial • global



# UTM Faculties – Why the Magnificent 7?

UTM 4.0 7 faculties have been carefully chosen based on the following five key factors

- UTM Thrust areas
- QS World University Ranking Classification (by Faculty)
- Professional Bodies
- Current & Future Directions – e.g. Trends of 21<sup>st</sup> Century Higher Education and 4<sup>th</sup> Industrial Revolution
- Clear Niche/Differentiation toward UTM Envision 2025

<b>Bidang Tujahan UTM*</b>	<b>Fakulti</b>
<b>Kejuruteraan</b>	<b>Fakulti Kejuruteraan</b>
	<b>Malaysia-Japan International Institute of Technology (MJIIT)</b>
<b>Sains, Teknologi</b>	<b>Fakulti Sains</b>
	<b>Fakulti Razak Teknologi dan Informatik</b>
	<b>Fakulti Kejuruteraan</b>
<b>Alam Bina, Sains Sosial</b>	<b>Fakulti Alam Bina dan Ukur</b>
	<b>Fakulti Sains Sosial dan Kemanusiaan</b>
	<b>Sekolah Perniagaan Antarabangsa Azman Hashim</b>

\*diluluskan oleh Senat Bil.4, 2016/2017 – 6 Dis 2016

### Engineering & Technology

Chemical Engineering, Civil & Structural Engineering, Computer Science & Information Systems, Electrical & Electronic Engineering, Mechanical Engineering, Aeronautical & Manufacturing Engineering, Mineral & Mining Engineering

### Natural Sciences

Physics & Astronomy, Mathematics, Environmental Sciences, Earth & Marine Sciences, Chemistry, Materials Sciences, Geography

### Life Sciences & Medicine

Agriculture & Forestry, Anatomy & Physiology, Biological Sciences, Dentistry, Medicine, Nursing, Pharmacy & Pharmacology, Psychology, Veterinary Science

### Arts & Humanities

Archaeology, Architecture, Art & Design, English Language & Literature, History, Linguistics, Modern Languages, Performing Arts, Philosophy, Theology, Divinity & Religious Studies

### Social Sciences & Management

Accounting & Finance, Anthropology, Business & Management, Sociology, Communication & Media Studies, Politics & International Studies, Education & Training, Development Studies, Statistics, Economics & Econometrics, Law, Social Policy & Administration, Hospitality & Leisure Management, Sports-related Subjects, Statistics & Operational Research

# Mapping of UTM Thrusts with QS-WUR\* by Faculty

Subjects under QS WUR (by Faculty)	UTM Faculties
<b>Arts &amp; Humanities</b> Archaeology, Architecture, Art & Design, English Language & Literature, History, Linguistics, Modern Languages, Performing Arts, Philosophy, Psychology	Fakulti Alam Bina dan Ukur  Fakulti Sains Sosial dan Kemanusiaan
<b>Social Sciences &amp; Management</b> Accounting & Finance, Anthropology, Business & Management, Sociology, Communication, Politics, Education, Development Studies, Statistics, Economics, Law, Social Policy	Fakulti Sains Sosial dan Kemanusiaan AHIBS Fakulti Razak Teknologi & Informatik
<b>Life Sciences &amp; Medicine</b> Agriculture & Forestry, Biological Sciences, Dentistry, Medicine, Nursing, Pharmacy & Pharmacology, Psychology, Veterinary Science	Fakulti Sains  Fakulti Alam Bina dan Ukur
<b>Natural Sciences</b> Physics & Astronomy, Mathematics, Environmental Sciences, Earth & Marine Sciences, Chemistry, Materials Sciences, Geography	
<b>Engineering &amp; Technology</b> Chemical Engineering, Civil & Structural Engineering, Computer Science, Electrical Engineering, Mechanical, Aeronautical & Manufacturing Engineering, Mineral & Mining Engineering	Fakulti Kejuruteraan  Fakulti Razak Teknologi & Informatik  MJIIT

\*WUR – World University Ranking

# UTM Faculties – Why the Magnificent 7?

Faculty	UTM Thrust Areas	QS WuR	Professional Accreditation Bodies	Current & Future Direction (eg. 4IR, UTM Envision 2025)	Niche
Faculty of Engineering (FE)	/	/	/	/	The largest Engineering Faculty after NTU/NUS, Asia's leader in Lifelong Learning and widening access in Engineering Education
Faculty of Social Sciences and Humanities (FSSH)	/	/	NA	/	Society and Humanity @ the heart & soul of UTM's excellence
Faculty of Built Environment and Surveying (FABU)	/	/	/	/	A synergy of 16 professional bodies under Built Environment and Surveying
Faculty of Science (FS)	/	/	NA	/	UTM synergy of fundamental natural and life sciences
Azman Hashim International Business School (AHIBS)	/	/	/	/	TS Azman Hashim-Endowed Business School. Vision of Asia's Top 10 Business School by 2025
Razak Faculty of Technology and Informatics	/	/	NA	/	Centre for postgraduate continuing and professional education and TNE in STEAM*
Malaysia-Japan International Institute of Technology (MJIT)	/	/	/	/	World-leading Japanese-Oriented Engineering Education outside Japan

\*STEAM – Science, Technology, Engineering, Arts and Management    TNE – Trans-National Education