

### Lampiran 1

Senarai kursus Ijazah Sarjana Muda yang Ditawarkan Oleh Universiti-universiti United Kingdom di Malaysia dengan kaedah franchise 3+0

<b>Universiti</b>	<b>Institut Pengajian Tinggi Swasta</b>	<b>Kursus</b>
University of Staffordshire	<b>Asia Pacific Institute of Information Technology</b>	<i>BSc (Hons) in Business Computing BSc (Hons) in Business Information Technology BSc (Hons) in Computing BSc (Hons) in Electronic Commerce</i>
University of East London	<b>Help Institute</b>	<i>BA (Hons) Accounting &amp; Finance BA in Business Administration (Hons) International Business BSc (Hons) Software Engineering BSc (Hons) Business Information System</i>
University of Westminster	<b>International College of Music</b>	<i>Bachelor of Music (Hons) in Professional Music (Arranging) Bachelor of Music (Hons) in Professional Music (Music Production &amp; Technology)</i>
University of Sheffield	<b>Taylor's College</b>	<i>BA (Hons) in Accounting &amp; Financial Management BEng (Hons) in Software Engineering BSc (Hons) in Computer Science</i>
Nottingham Trent University	<b>Kolej Bandar Utama</b>	<i>BA (hons) in Graphic Design BA (Hons) in Interior Architecture &amp; Design BEng (Hons) Electrical &amp; Electronics Engineering BEng (Hons) Electronics &amp; Computing BSc (Hons) in Computer Studies</i>
	<b>Kolej Linton</b>	<i>BA (Hons) Business Administration BEng (Hons) Mechanical Engineering</i>
University of Bradford	<b>Kolej Rima</b>	<i>Bachelor in Business &amp; Management Bachelor in Computing &amp; Management</i>
University of Abertay	<b>Systematic College (Petaling Jaya Branch)</b>	<i>BA (Hons) Business Administration</i>
University of Lincolnshire	<b>KDU College</b>	<i>BEng (Hons) Electrical &amp; Electronics Engineering BSc (Hons) Computing &amp; Information Systems</i>
	<b>KDU College (Penang Branch)</b>	<i>BSc (Hons) Engineering (Electronics &amp; Communication Systems) BEng (Hons) Electronic &amp; Electrical Engineering BSc (Hons) Computing &amp; Information Systems</i>

Oxford Brookes University	<b>Nilai College</b>	<i>BA (Hons) Accounting &amp; Finance BA (Hons) Business &amp; Management BA (Hons) Business &amp; Marketing Management Bachelor of Business (Hons) in Computing</i>
University of Wales College, at Newport	<b>Kolej Aman</b>	<i>BSc (Hons) Accounting &amp; Finance BSc (Hons) Business Administration</i>
	<b>L &amp; G Twintech Institute of Technology</b>	<i>BSc (Hons) in Business Information Technology BSc (Hons) in Computing</i>
De Monfort University	<b>FTMS School of Computing Sciences and Business</b>	<i>BSc (Hons) in Computer Science</i>
University of Northumbria, at Newcastle	<b>Binary College</b>	<i>BA (Hons) Business Administration BSc (Hons) Applied Business Computing</i>
	<b>Regent School of Economics</b>	<i>BA (Hons) Business Administration BA (Hons) International Business Administration BA (Hons) in Marketing</i>
	<b>Sedaya International College</b>	<i>BEng (Hons) Microelectronic BEng (Hons) Electrical &amp; Electronics Engineering BSc (Hons) Business Computing</i>
	<b>Stamford College (Petaling Jaya Branch)</b>	<i>BA (Hons) in Marketing BA (Hons) International Business Administration BEng (Hons) Electrical &amp; Electronics Engineering</i>
University of Hertfordshire	<b>Inti College Malaysia</b>	<i>BEng (Hons) in Electrical &amp; Electronic Engineering BA (Hons) Accounting BA (Hons) Business Administration BA (Hons) Marketing BA (Hons) Finance</i>
	<b>Inti College (Sarawak Branch)</b>	<i>BA (Hons) Business Administration</i>
	<b>Kolej Linton</b>	<i>BEng (Hons) Electrical &amp; Electronics Engineering</i>
Coventry University	<b>Inti College Malaysia</b>	<i>B.Sc (Hons) Computing B.Sc (Hons) Information Technology</i>
	<b>Inti College (Subang Jaya Branch)</b>	<i>BA (Hons) Business Information Technology BSc (Hons) in Computing</i>
Robert Gordon University	<b>Institut Teknologi Pertama</b>	<i>BSc Electrical &amp; Electronic Engineering</i>
Anglia Polytechnic University	<b>Kolej Bandar Utama</b>	<i>BA (Hons) Business Administration</i>
	<b>Institut Perkim-Goon Sdn Bhd</b>	<i>BA (Hons) Accounting BA (Hons) Business Administration (Corporate Administration)</i>
University of Wolverhampton	<b>Sal College</b>	<i>Bachelor of Business Administration (Hons)</i>

## Lampiran 2

### Bilangan dan Enrolmen Pelajar Institusi Pengajian Tinggi Swasta

Tahun/Jenis Institusi	Bilangan IPTS Bertaraf Bukan Universiti	Enrolmen IPTS Bukan Bertaraf Univesiti
1995	280	127,596
1996	354	133,199
1997	497	143,803
1998	577	168,489
1999	591	199,613
2000	632	209,589
2001	690	243,844

Sumber: Jabatan Pendidikan Swasta

### Enrolmen Pelajar Di IPTS Mengikut Bidang Kursus Dari Tahun 1995-2001

Bidang Kursus	1995	1996	1997	1998	1999	2000	2001
Program Asas	13897	13948	17200	18488	20692	20035	19480
Pertanian	-	-	-	-	5	51	63
Seni, Seni Rekaan & Muzik	3500	3752	3133	4396	5958	6185	3475
Perniagaan dan Pentadbiran	44107	50100	41702	44430	55496	69707	79538
Pendidikan	150	300	514	1335	5431	2166	1493
Komputer & Teknologi maklumat	23585	23671	33555	37787	60298	66063	91235
Kejuruteraan & Kemahiran Teknikal	10429	24579	27557	33566	31711	37843	36426
Kesihatan dan kebajikan	-	-	-	-	182	348	215
Udara dan Maritim	-	-	-	-	5813	2813	327
Kemanusiaan	3301	2098	2650	6800	6637	3826	4719
Undang-undang	200	300	725	770	595	806	-
Pembuatan dan pembinaan	800	1200	4263	4500	8351	5319	4095
Perubatan	154	268	2526	1671	714	1996	3604
Sains dan Matematik	120	165	178	226	352	970	730
Perkhidmatan	11094	5674	7855	14520	3607	4989	5931
Sains social	-	-	-	-	5314	3982	2581
Bahasa	-	-	-	-	1708	3668	9634
Lain-lain	16258	7144	2145	-	2714	1302	-
JUMLAH	127596	133199	143803	168489	215594	232069	263546

Sumber: Jabatan Pendidikan Swasta

### Lampiran 3

**Senarai IPTS yang telah mendapat perakuan akreditasi dan telah menerima Sijil Perakuan Akreditasi**

INSTITUT-INSTITUT PENGAJIAN TINGGI SWASTA	BILANGAN KURSUS
ASIA PACIFIC INSTITUTE OF INFORMATION TECHNOLOGY	4
HELP INSTITUTE	3
INSTITUT INFORMASI TEKNOLOGI COSMOSPECT	2
INSTITUT LATIHAN FTMS-ICL	2
INSTITUT PENGURUSAN DAN TEKNOLOGI UTARA	1
INSTITUT TEKNOLOGI A.N.S.	2
INSTITUT TEKNOLOGI CYBERNETICS	3
INSTITUT TEKNOLOGI SEPANG	4
KOLEJ BANDAR UTAMA	4
KOLEJ BERSATU SARAWAK	3
KOLEJ DAMANSARA UTAMA	2
KOLEJ DISTED-STAMFORD	1
KOLEJ IBUKOTA KINABALU	2
KOLEJ IKRAM	5
KOLEJ INPENS	3
KOLEJ INTI	1
KOLEJ ISLAM DARUL EHSAN	6
KOLEJ ISLAM PAHANG	3
KOLEJ JAIPETRA	4
KOLEJ LATIHAN TELEKOM	2
KOLEJ NILAI	1
KOLEJ PROFESIONAL MARA (MELAKA)	2
KOLEJ TEKNOLOGI BESTARI	3
KOLEJ TEKNOLOGI PULAU	1
KOLEJ TEKNOLOGI TIMUR (SEPANG)	1
KOLEJ UNITI (PORT DICKSON)	2
KOLEJ YAYASAN PELAJARAN MARA (YPM CHERAS)	1
L & G TWINTECH INSTITUTE OF TECHNOLOGY	2
MULTIMEDIA UNIVERSITY	14
PUSAT PEMBANGUNAN KEMAHIRAN PAHANG (PSDC KUANTAN)	2
PUSAT TEKNOLOGI DAN PENGURUSAN LANJUTAN (PTPL)	5
TAYLOR'S COLLEGE (SUBANG)	4
TERENGGANU ADVANCE TECHNICAL INSTITUTE (TATI)	3
THE ONE ACADEMY OF COMMUNICATION DESIGN	1
UNIVERSITI TEKNOLOGI PETRONAS (UTP)	5
UNIVERSITI TENAGA NASIONAL	10
UNIVERSITI TUN ABDUL RAZAK	8
UNIVERSITY OF WALES (UWCN), UK	19

Sumber: Lembaga Akreditasi Negara 2002.

#### Lampiran 4

##### Bidang Yang Digalakkan Profesional Malaysia dari Luar Negara Pulang.

<b>Science and technology:</b>
1.Industrial design
2.Advanced materials
3.Industrial pollution control and environmental management/environment engineering
a) Agro-based waste management technology
4.Environment and energy-related
a) Green materials
b) Agro-based waste
c) Renewable energy
d) Portable energy
e) Pollution minimisation, remediation and waste management
f) Persistant organic pollutants
g) Life cycle assessment
h) Environment forensics
i) Municipal solid waste
j) Climate change
k) Fuel cell technology
5.Energy
a) renewable
b) conventional
6.Marine Sciences - Research fields only
7.Nuclear and Radiation Physics
a) radiology
b) nuclear and radiation sources
c) nuclear and radiation instrumentation
8.Electric Discharges and Plasma
a) industrial and space plasmas
b) plasma devices and processing of materials
c) plasma source for X-Ray and Extreme Ultraviolet lithography
d) plasma theory
9.Molecular Biology
10.Genetics and Genetic Engineering
11.Protein Engineering
- Expert in protein recombined and enzim modification
12.Biochemistry
- Expert in chemical reaction in biological system
13.Microbiology
- Expert in microorganisme identification
14.Cell Biology
- Expert in cells organisme identification
15.Tissue Culture
- Expert in protecting of organisme tissue in culture medium
16.Bioinformatics
- Expert in data analysis and computer model of gen data
17.Bioprocess Engineering
- Expert in bioreactor system control for the process of biology cell

**18. Chemical Sciences****a) Physical Chemistry**

- chemical thermodynamics
- chemistry of catalysis
- colloid chemistry
- electrochemistry
- structural chemistry
- surface chemistry
- photopolymerization
- polymer chemistry
- nuclear chemistry

**b) Inorganic Chemistry**

- bioinorganic chemistry
- organometallic chemistry
- solid state chemistry
- transition metal chemistry

**c) Organic Chemistry**

- organic chemical synthesis
- natural polymer

**d) Analytical Chemistry**

- chemometrics
- computational chemistry
- extraction Technology
- instrumentation methods
- Chemical and Physic Methods
- Trace chemical analysis
- Water treatment

**e) Specialty Chemicals**

- radiation/radiochemistry (water, gas and solid)
- rare metal recovery
- fine chemicals
- synthetic chemistry
- novel chemicals
- super critical fluid technologies
- oleo chemicals derivatives
- photochemical

**f) Geochemistry**

- Isotope geochemistry
- Exploration geochemistry
- Inorganic geochemistry
- Organic geochemistry

**19. Atom & Molecules, Optics and Photonics**

- a) Nonlinear optics
- b) quantum optics
- c) near field optics
- d) laser and fibre optics
- e) atmospheric optics

**20. Condensed Matter**

- a) Semiconductor and Deviced Physics
- b) Thin Film Deposition / Growth and Characterisation
- c) Bio and Polymer Physics
- d) Low-Dimension physics

**21. Environmental Engineering / Chemistry**

- Chemical waste safety
- Remediation
- Water and waste water treatment tech.....
- Organic waste treatment
- Chemical Engineering
- Plant design and testing
- Bio engineering
- Process control
- Separation process
- Fluidization technology
- Heat / mass transfer operation
- Soil chemistry
- Food chemistry

22. Fertilizer Chemistry

23. Phyto Chemistry

24. Formulation chemistry

25. Chemical synthesis

26. Reaction kinetics and mechanics

27. catalysis

28. Molecular modeling

29. Industrial chemical

- lubricants
- surfactants
- polymer
- healthcare

30. Research in Medical Sciences

- a) Research Medical Officers
- b) Occupational Health Physician
- c) Public Health Physician
- d) Public Health Physician
- e) Public Health Physician
- f) Pblic Health Physician

31. Biological Sciences

- a) Immunohistopathology
- b) Molecular immunogenetics
- c) Allergy
- d) Chemistry (Drug Development)
- e) Melocular modelling of (Drug Development)
  - Structure Elucidation
- f) Molecular biology
  - Cancer Biology
  - In Silico Biology
- g) Cell biology
- h) Pharmacology
  - Clinical Pharmacology
  - Molecular Pharmacology
- i) Toxicology
  - General Toxicology
  - Clinical Toxicology
  - Molecular Toxicology
- j) Protein / Gene Microarrays

32. Zoology

- Expert in animal's structure, characteristics, function, ecology and environment

33. Botany

- Expert in biology of all types of plant