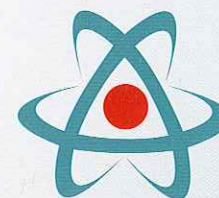
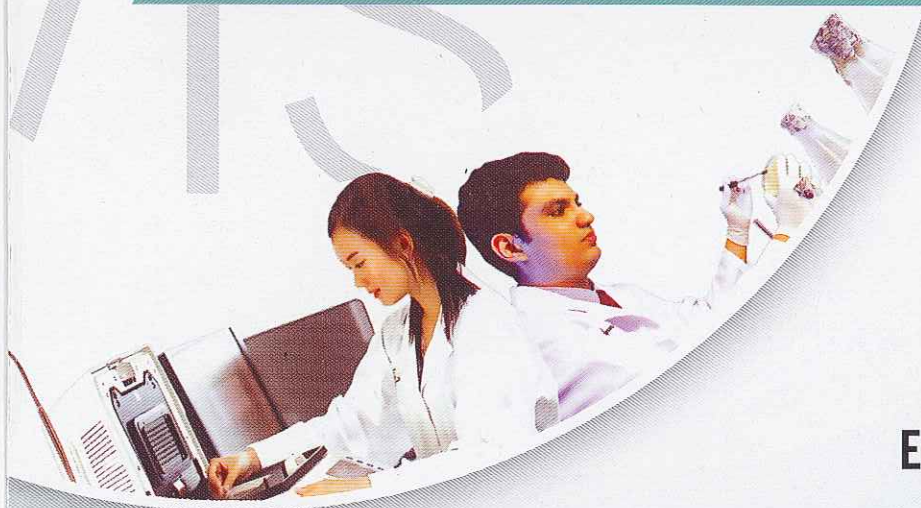


Focused research

Managing change

Theories to practice

Postgraduate Programmes in BIOTECHNOLOGY



**AIMST
UNIVERSITY**

Educating Tomorrow's Leaders

Postgraduate Programmes in BIOTECHNOLOGY

KPT(JPS) / (R/545/8/0048) 08/18

AIMST University offers master's and doctorate programmes in Biotechnology:

- » Master of Science (A4623)
(KPT (JPS))/(R/545/7/0051) 02/20
- » Doctor of Philosophy (A8453)
(KPT (JPS))/(R/545/8/0048) 08/18

The objective of the postgraduate programme is to provide graduate students with the opportunity to enhance their knowledge through independent research in a selected branch of Biotechnology. This will enable graduates to be competent in handling basic and applied research in their chosen specialties.

Entry requirements

Master

- i) Bachelor's Degree (First or Second Class honours, CGPA \geq 2.75) in Biotechnology or related field.
For CGPA 2.5 and above the application may be accepted at the discretion of AIMST UNIVERSITY.
- ii) Master's Degree in a field not related to Biotechnology.

PhD

A Master's Degree in Biotechnology or a related field.

Duration

Master of Science (Biotechnology)

Full-time	Min 1 year/ Max 3 years
Part-time	Min 2 years/ Max 6 years

Master of Science (Biotechnology)

Full-time	Min 2 years/ Max 6 years
Part-time	Min 4 years/ Max 8 years

Programme Structure

Research and Thesis

Both programmes are research-based and are conducted by Department of Biotechnology (Faculty of Applied Science).

Assessment

Thesis Preparation

At the end of the course, students are required to prepare a thesis of their research work.

The thesis will be evaluated by a panel of examiners and a viva-voce will be conducted.

Research Areas:

- Vaccine development
- Molecular Biology
- Rapid Molecular diagnostics
- Molecular Microbiology
- Biodiversity and in vitro conservation
- Protease Receptors & Allergens
- Bioremediation
- Microbial Pathology (Plant)
- Abiotic Stress Plants
- Tissue and Cell Culture
- Bioreactors & Modelling
- Solid State Fermentation
- Plant Genetic Transformation
- Signal Transduction Pathways
- Immunology & Monoclonal Antibodies
- Functional Genomics & Proteomics
- Fish Breeding Under Improvement
- Nutritional requirement of fishes
- Medicinal Plants & Bioprospecting
- Bioinformatics
- Microbial Pathogenesis
- Cholera vaccine
- Cholera diagnostics
- Biosensors & Biomaterials

Application Procedure

Obtain Application form from: www.aimst.edu.my

The following should be attached to the application form.

- 2 passport size photographs (8 for international applications)
- 1 certified true copy of Identity card.
- Non-refundable processing fee of RM 100 (USD 150) for international applicants made payable to **"AIMST SDN BHD REV A/C"** in the form of bank draft/postal order/money order
- Certified true copy of Bachelor's degree/ master's, academic transcripts or other relevant Result

Study Loans & Fellowships

- Maju Institute for Education Development
- Bank loan-CIMB Bank, Bank Rakyat, AGRO Bank
- State Loans
- SOCSO
- 'MyBrain 15' (offer by Malaysia government)
- Ministry of Higher Education Grants (FRGS, PRGS, etc)

Career Opportunities

MSc. and PhD in Biotechnology course by research mode at **AIMST University** provides balanced scientific knowledge with strong research skills and capabilities to graduates entering the Biotechnology industry. Aside from being a Researcher/Scientist at the industry, one can also pursue an academic career after completing his/her Postgraduate studies in this field.

Career Opportunities in the areas of:

- | | |
|--------------------------|-------------------------|
| • R & D management | • Clinical Trials |
| • Quality Control | • Technology Management |
| • Technology Development | • Academics |
| • Production Management | • Project Management |
| • Biotech Marketing | |



**AIMST University postgraduate students from the Biotechnology Department enjoys a 100% placement rate in the job market.*

Why Choose AIMST University

- AIMST University is a premier university in the private sector in Malaysia and in the region, imparting high quality tertiary education to local and international students at an affordable cost
- The university operates from a modern, self-contained campus in semeling
- Multi-ethnic and vibrant academic ambience

To learn more about AIMST University, please visit www.aimst.edu.my

Reasons to Choose Postgraduate Programmes in Biotechnology at AIMST University.

1. AIMST University provides high-quality education at an affordable cost.
2. Students enjoy world-class research facilities set in peaceful and green environment.
3. Programme equips graduates with balance of theoretical knowledge, practical skills and experience to enhance your professional development and future employment.
4. Master's and Doctorate programmes in Biotechnology are fully accredited by Malaysian Qualifications Agency (MQA).
5. Staff expertise in different thrust areas of Biotechnology.
6. Cutting-edge research through industry and university collaborations, both locally & international.



Submit applications to/ For more information, please contact

Student Recruitment Division

AIMST University, Semeling, 08100 Bedong,

Kedah Darul Aman, Malaysia.

D/L (6) 04-429 8108 • G/L (6) 04-429 8000 • F (6) 04-429 8009

E: choose@aimst.edu.my

Kuala Lumpur Office

1st Floor, Menara Manickavasagam,

No.1, Jalan Rahmat 50350, Kuala Lumpur, Malaysia.

T(6) 03-40422885 • (6) 03-4045 6377

Awards:



Global Leadership Award 2013
-Education Sector



MBA Industry Excellence Award
-Education Sector



ISO 9001:2008
Faculty of Pharmacy



World Education Congress
Global Awards



TIER 4 (Very Good)
Medicine, Dentistry & Pharmacy

Accredited by:



Agensi Kelayakan Malaysia
Malaysian Qualifications Agency

Approved by:



KEMENTERIAN
PENDIDIKAN
MALAYSIA



BIOTECHCORP
MALAYSIAN BIOTECHNOLOGY
CORPORATION

Partner Universities:



Kanagawa University
Japan



JSS University
Mysore, India



Cavite State
University, Philippines



KEDGE
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CREATED BY BSA & EUROPEAN MANAGEMENT
Kedge Business School
France



DHA SUFFA University
Karachi, Pakistan



Long An University
Vietnam

Industry Panels:



intel



CST



MOTOROLA



Agilent Technologies



kontron

SHARP