ABOUT INTI
At INTI, our mission is to bridge the needs of tomorrow through the competencies our students gain today, empowering them to become the leaders, innovators and game changers of the future. We are committed towards ensuring our students gain the competencies needed for the workplace of the future, and to work alongside the digital transformations driving today’s global businesses in the Fourth Industrial Revolution.

Through our innovative teaching and learning and extensive industry partnerships, we empower our students with the ability to work with smart machines, to process and analyse data for better decision-making, to learn about technologies that impact businesses and manufacturing processes, and to develop professional skills such as adaptability, working with multidisciplinary teams, problem-solving, and a thirst for lifelong learning.

By inspiring our students to explore their passions and discover their true potential through the right skills, tools and experiences, we continue to be a force of change in revolutionising education. Our commitment is to ensure exceptional graduate outcomes, and to transform our students into the dynamic leaders of the future – ones who will lead us in the Fourth Industrial Revolution, and beyond.

INTI GRADUATE EMPLOYABILITY SURVEY 2017
VALIDATED BY IBDO

- 99% of INTI graduates are employed within 6 MONTHS of graduation
- 91% of INTI graduates are PAID HIGHER than the market minimum average
- 60% of INTI graduates get job offers BEFORE they graduate
COLLABORATION WITH INDUSTRY PARTNERS

Over the years, INTI has cultivated a strong engagement with multinational companies and large local organisations on diverse platforms to foster innovation curricula and develop future-ready graduates.

The platforms include:
- Industry Awards / Scholarships
- Employer Projects
- Boot Camps and Career Workshops
- INTI Leadership Series
- Faculty Industry Attachments
- Industry Advisory Boards
- Industry Skills Certifications
- Employer Centric Curricula
- Internships and Job Placements
- Coaching and Mentoring
We are INTERNATIONAL

Our internationally recognized education will enrich you with the right skills and attributes to excel at whatever you do and wherever you go.

World Renowned Collaborations with Prestigious Universities

INTI offers exclusive franchise degrees and dual award degree programmes in partnership with some of the world’s highest rated universities. These partnerships help to enhance your academic credentials and offer you access to some of the most prestigious institutions of higher learning globally.

- BLUE MOUNTAINS INTERNATIONAL HOTEL MANAGEMENT SCHOOL AT TORQUENS UNIVERSITY Australia
  Recognized as one of the world’s leading providers of Hotel Management programmes, Blue Mountains offers an internationally recognized curriculum based on the renowned Swiss hotel school model of teaching and learning. Blue Mountains was ranked No. 1 Hotel Management School in Australia (Q World University Rankings 2018).

- COVENTRY UNIVERSITY
  United Kingdom
  With roots dating as far back as 1845, Coventry University has a proud tradition of offering high-quality education with an emphasis on applied research. Coventry University was ranked No. 15 UK University by the Guardian University Guide 2020.

- SHEFFIELD HALLAM UNIVERSITY
  United Kingdom
  This modern university is an integral part of the UK’s largest practicing community of artists and designers outside of London. Sheffield was ranked 87% for international excellence in the national 2014 Research Excellence Framework and ranked second among the modern universities in the UK for arts and design research.

- UNIVERSITY OF HERTFORDSHIRE
  United Kingdom
  Sheffield gaining recognition as the UK’s leading business-facing university. The University of Hertfordshire is an exemplar in the education sector and achieved the Top Gold ranking in the Government’s Teaching Excellence Framework (TEF) 2018.

- SOUTHERN NEW HAMPSHIRE UNIVERSITY
  United States
  Established in 1982, the university has been at the forefront of academic excellence with accreditation by the New England Association of Schools and Colleges. The University was named 2017 Most Innovative University in the North by US News & World Report.

INNOVATIVE Teaching & Learning

INTI integrates an array of proven approaches to teaching combined with revolutionary applications of technology in the classroom such as the innovative Blackboard Learning Management System.

GLOBAL RECOGNITION AND ACHIEVEMENT

- BLACKBOARD
  Blackboard
  With Blackboard, learning does not only happen in the classroom, it happens everywhere. It’s a holistic, integrated system to collaborate and interact with fellow students and instructors. Students can offer and gain feedback from their peers on coursework and perform self-assessment while learning in a safe, nurturing and holistic environment.

- KALUTRA
  3D Studio - Broadcasting System Using The Most Advanced Virtual Reality Technology
  Benefits
  - Technical Development (2017 & 2018)
  - Student Success (2018)

- RAPTIVITY
  Interactive Building Software/ Training Simulations and Prototypes
  Benefits
  - Training Change (2018)

- METTLE
  Online Assessment Platform with Online Secure Proctoring
  Benefits
  - Leading Change (2018)

- LINKEDIN
  Building your personal brand and link to a world of opportunities
  Benefits
  - Professional Development (2017 & 2018)

- BLUE MOUNTAINS INTERNATIONAL HOTEL MANAGEMENT SCHOOL AT TORQUENS UNIVERSITY Australia
  Recognized as one of the world’s leading providers of Hotel Management programmes, Blue Mountains offers an internationally recognized curriculum based on the renowned Swiss hotel school model of teaching and learning. Blue Mountains was ranked No. 1 Hotel Management School in Australia (Q World University Rankings 2018).

SUPPORT

- THE MENTOR-MOTIVE PROGRAMME
  Expand your social skills and future horizons
  Benefits
  - Personal Development (2017 & 2018)
  - Student Success (2018)

- BI-ANNUAL PARENT/TEACHER MEETINGS
  Get valuable feedback and grow
  Benefits
  - Technical Development (2017 & 2018)

INDIVIDUAL Development

INTI endeavours to include practical experiences in every programme it offers. From practical workshops taught by local and international guest lecturers and industry practitioners who share the ins and outs of the working world, to hands-on practical projects initiated by potential employers.

INTI has established a strong collaborative network with key leading companies in the industry and has been at the forefront of education innovation by offering an academic curriculum that is not only industry relevant but also immensely effective.
DISCOVER THE NEXT BIG BREAKTHROUGH

One of the most exciting areas of scientific research, biotechnology is the in-depth study and mastery of all aspects of living organisms down to the cellular level and the knowledge of how to derive and apply useful applications from organic systems to resolve all manner of problems across multiple fields of human endeavour.

Biotechnology graduates are able to contribute their talents across a diverse scope of industries ranging from manufacturing, the service industry and even environmental management. In medicine, an INTI Biotechnology and Life Sciences graduate is able to produce and enhance the production of antibiotics and vaccines to cure diseases. In agriculture, graduates are able to contribute by helping to genetically engineer and create more resilient, better crops and livestock to resolve food shortages. In forensics, INTI biotechnologists have contributed towards the goal of bringing criminals to justice by offering detailed analysis of genetic material at crime scenes.

A rigorous industry-relevant curriculum along with extensive opportunities for internship programmes with the world’s leading biotechnology and molecular bioscience companies ensures that graduates remain at the forefront of the latest developments with exceptional employability. Make your mark and contribute to science and humanity in a meaningful way.

INDUSTRY CONNECTIONS AND NETWORKING
Learn directly and gain real-world knowledge from the industry. Our strong partnerships with businesses and employers offer you the opportunities to take part in Employer Projects and field trips, all of which will stand you in good stead when you graduate. At INTI, it is simply more than just studying life under a microscope as we will get you ready for the working world.

CAREER-READY INTERNSHIP PROGRAMME
Partnering with biotechnology and molecular bioscience companies, we provide you with an excellent opportunity to put all your theoretical knowledge and laboratory skills to good use, and acquaint yourself with the industry’s stringent requirements hence, boosting your employability.

ELEVATE YOUR EDUCATION EXPERIENCE
If you pursue an Australian Degree Transfer Programme (Science) or Bachelor of Biotechnology (Hons), you can choose to transfer to a reputable, highly-ranked university in Australia, such as the University of Adelaide, University of New South Wales and University of Queensland; or in the United Kingdom, such as the University of Southampton and Newcastle University.

PROVEN RECORD OF EXCELLENCE
Our Australian Degree Transfer Programme has been consistently successful in producing First-Class and Upper Second-class degree holders in the field of Biotechnology and Life Sciences. On hand to guide you to your success is a team of academicians and industry professionals who are highly dedicated and experienced,
POPPULAR MAJORS

BIOCHEMISTRY
Decipher the structures and functions of proteins, carbohydrates, lipids, nucleic acids and other biomolecules, the mechanisms of enzyme action, elucidation of metabolic pathways and their control, and the understanding of life processes through the laws of chemistry. It also include in-depth study of the molecular basis of genetics.

GENETICS
Genetics identifies the molecular, cellular, and organismal aspects of heredity in animals and plants. It also considers the hereditary mechanisms of micro-organisms, human hereditary disorders and DNA technology.

MICROBIOLOGY & IMMUNOLOGY
This subject involves the study of microscopic organisms such as bacteria, yeasts, moulds, viruses, rickettsia and protozoa. It also examines the diversity, structure, function, growth, reproduction, genetics, physiology, preservation and control of these micro-organisms. Mutation, gene mapping and structure, means of transferring genetic information and applications of genetic modifications and the study of the immune system in human and other organisms are also covered.

BIOMEDICAL SCIENCE
This study allows students to specialise in scientific areas related to the normal functions or diseases of humans. Learn how the body operates and gain an understanding of current medical research aimed at improving diagnosis, prevention and treatment of diseases.

BIOTECHNOLOGY
Involves the use of advanced genetic techniques to construct novel microbial, plant and animal strains, obtain site-directed mutants to improve the quantity or quality of products, or obtain other desired phenotypes. It spans a variety of activities, from optimisation of processes such as those involved in producing antibiotics, vaccines, monoclonal antibodies, and genetically engineered transgenic plants and animals, to carrying out gene therapy, improving water and land management, and remediing pollution.

MOLECULAR BIOLOGY
The study of molecular foundations of living organisms, especially DNA; how it is used to define an organism, how genes are regulated, and how human beings are related to other organisms. Like Biochemistry, it underlies many aspects of genetic engineering, protein engineering, and other new approaches to improving upon nature.

NUTRITION
This examines the effects of food components on the metabolism, health, performance, and disease resistance of humans and animals. It also includes the study of human behaviour related to foods.

PRESTIGIOUS PARTNER UNIVERSITIES

Via extensive agreements with some of the most renowned universities, students may electively transfer their credits and complete their course overseas which hosts some of the world’s institutions at the forefront of research in biotechnology and molecular science. These partner universities are consistently ranked among the top 200 universities worldwide by The Times Higher Education along with the rigorously assessed QS World University Rankings.

THE UNIVERSITY OF ADELAIDE
The School of Biological Sciences, the University of Adelaide was formed in 2015 to coordinate and consolidate the University’s cutting edge and world-class research and teaching in Ecology & Environmental Science; Genetics & Evolution; and Molecular & Cellular Biology. The School is in excess of 600 people in research, teaching and support staff, postgraduates and honours students. World-class research and teaching is conducted in the School of Biological Sciences which covers a range of subject matter notable in its breadth and scale.

THE UNIVERSITY OF NEW SOUTH WALES
In the School of Biotechnology and Biomolecular Sciences (BABS), the University of New South Wales we teach undergraduates, minister postgraduate research students and conduct research in the disciplines of biotechnology, biochemistry, genetics, molecular biology, microbiology, environmental microbiology, medical microbiology and immunology. We empower our students, giving them the tools and experience to embark on a career that is richer, more fulfilling and constantly fascinating.

THE UNIVERSITY OF QUEENSLAND
The University of Queensland understands that academic interests are as diverse as their students. They provide choices to give you flexibility in your learning process. Offering a breadth of study that leads the way in Australia, you can choose a degree to match your interests, passions and career goals.

UNIVERSITY OF SOUTH AUSTRALIA
The School offers undergraduate programmes in pharmacy, pharmaceutical science (including a double degree in pharmaceutical science/pharmacy), nutrition and food sciences, medical science, and the only laboratory medicine degree to be fully accredited by the Australian Institute of Medical Scientists in South Australia. The School has strong links to the Sansom Institute for Health Research bringing together internationally recognised research concentrations in quality use of medicines, molecular and cell biology, drug development, cancer research, pharmaceutical science, neuroscience and nutrition and dietetics.
Pathways

Entry Requirements

Foundation in Science

Bachelor of Biotechnology (Hons)

Australian Degree Transfer Programme

The University of Adelaide
- BSc – any two of Biochemistry, Genetics, Microbiology & Immunology
- BSc (Biotechnology)
- BSc (Biomedical Science) – Biochemistry, Genetics, Microbiology & Immunology or Pharmacology

The University of New South Wales
- BSc – Anatomy, Biochemistry, Biological Sciences, Biotechnology, Ecology, Food Science, Genetics, Medical Microbiology & Immunology, Molecular Biology, Pharmacology, Physiology (Last 2 years)
- BMedSc (Last 2 years)
- BSc (Adv. Sc) (Hons) – Anatomy, Biochemistry, Biological Sciences, Biotechnology, Ecology, Food Science, Genetics, Medical Microbiology & Immunology, Molecular Biology, Pharmacology, Physiology (Last 2 years)

The University of Queensland
- Bachelor of Biomedical Science
- Bachelor of Biotechnology (Molecular Biotechnology) or (Microbial Biotechnology)
- Bachelor of Food Technology
- BSc (Biotechnology & Molecular Biology)
- BSc (Biotechnology & Biomedical Sciences, Developmental Biology, Human Genetics, Immunology & Infectious Diseases, Neuroscience, Pharmacology, Physiology)
- BSc (Biotechnology)
- BSc (Food Science or Food Science & Nutrition)
- BSc (Genetics)
- BSc (Microbiology)
- BSc (Nutrition)
- BSc (Zoology)

University of South Australia
- Bachelor of Biotechnology

Newcastle University
- BSc (Biotechnology and Biotechnology Science)
- BSc (Biotechnology Science)

INTI Biotechnology Pathway
Bachelor of Biotechnology (Hons)

SPM / O-Level or equivalent

STPM / UEC or equivalent

Foundation in Science / Cambridge A-Level (CAL) / South Australian Matriculation (SAM) / SACE International / NSW Higher School Certificate (NSW HSC) or equivalent

Bachelor of Biotechnology (Hons)
Year 1

Bachelor of Biotechnology (Hons)
Year 2

Bachelor of Biotechnology (Hons) / Internship
Year 3

The University of Adelaide
- BSc – any two of Biochemistry, Genetics, Microbiology & Immunology
- BSc (Biotechnology)
- BSc (Biomedical Science) – Biochemistry, Genetics, Microbiology & Immunology, Pharmacology

The University of New South Wales
- BSc – Anatomy, Biochemistry, Biological Sciences, Biotechnology, Ecology, Food Science, Genetics, Medical Microbiology & Immunology, Molecular Biology, Pharmacology, Physiology (Last 2 years)

The University of Queensland
- Bachelor of Biotechnology (Molecular Biotechnology) or (Microbial Biotechnology)

University of South Australia
- Bachelor of Biotechnology

Newcastle University
- BSc (Biotechnology and Biotechnology Science)
- BSc (Biotechnology Science)
ENTRY REQUIREMENTS

Bachelor of Biotechnology (Hons)

Foundation
Completion of Foundation Programme with a CGPA of 2.00

A-Level
2 principal passes in any of 2 science subjects

STPM
2 grade C in any of 2 science subjects

SACE International
(formerly known as South Australian Matriculation (SAM))
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

NSW (HSC)
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

Australian year 12
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

Australian year 12
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

Canadian Pre-U
(Onatio Senior Secondary Diploma)
6 passes (including Chemistry and Biology / Physics / Mathematics) with an average score of 68%

Matriculation in related fields
CGPA of 2.0 and above

Diploma
Completion of Diploma with CGPA of 2.0 and above

MUFY
4 subjects with minimum average score of 61, including Chemistry and Biology / Physics / Mathematics

Others
Other equivalent qualifications as recognised by the Malaysian government

Australian Degree Transfer Programme (Science)

Foundation
Completion of Foundation Programme with a CGPA of 2.00

A-Level
2 principal passes in any of 2 science subjects

STPM
2 grade C in any of 2 science subjects

SACE International
(formerly known as South Australian Matriculation (SAM))
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

NSW (HSC)
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

Australian year 12
ATAR of 70, including Chemistry and Biology / Physics / Mathematics

Canadian Pre-U
(Onatio Senior Secondary Diploma)
6 passes (including Chemistry and Biology / Physics / Mathematics) with an average score of 68%

Matriculation in related fields
CGPA of 2.0 and above

Diploma
Completion of Diploma with CGPA of 2.0 and above

MUFY
4 subjects with minimum average score of 61, including Chemistry and Biology / Physics / Mathematics

Others
Other equivalent qualifications as recognised by the Malaysian government
This programme prepares students for admission into science-related degrees in INTI. It is designed to equip students with a solid fundamental knowledge of their field of study, which includes Physics, Chemistry, Mathematics, English and Basic Computing.

**Learning approach**

Students will be introduced to various active learning methodologies such as Problem-based Learning, group discussions and projects, helping them to develop academically in areas like study skills, presentation skills, research skills and time management, which are all prerequisites for academic success. This will further enhance their critical and analytical skills, preparing them for the demands of the workplace.

**Assessment**

Assessment of individual courses in the Foundation Programme consists of two components:
- Continuous course work (50%)
- Final examination (50%)

The continuous course work component comprises different assessment tasks such as projects, assignments, laboratory work, presentations, tests, and others as assigned throughout each semester. The final examination is conducted at the end of each semester. The assessments are subject to quality assurance procedures to maintain high standards and ensure fair assessment.

**Programme structure**

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Chemistry 1, Chemistry 2, English Language Skills 1, English Language Skills 2, General Studies, Human Communication, Mathematics 1, Mathematics 2, Self-Development Skills, Skills for Creative Thinking</td>
</tr>
</tbody>
</table>

**Elective papers for Biological Science Pathway**
- Basic Computing
- Biology 1
- Biology 2
- Statistics

**Elective papers for Pure Science Pathway**
- Biology 1
- Biology 2
- Physics 1
- Physics 2

**Elective papers for Engineering Pathway**
- Physics 1
- Physics 2
- Engineering Mechanics
- Basic Computing

**Offered at**

- INTI International University (INTAKES: JAN, MAY & AUG)
- INTI International College Subang (INTAKES: JAN, APR & AUG)
- INTI International College Penang (INTAKES: JAN, MAY & AUG)

**Duration**

1 Year

**BACHELOR OF BIOTECHNOLOGY (HONS)**

This programme provides training in the practical application of organisms, or their cellular components, to manufacturing, service industries and environmental management. It provides sound training in core Molecular Biosciences (Biochemistry, Genetics, Microbiology, Molecular Biology and Immunology), leading to different areas of Biotechnology. Compulsory Biotechnology projects as well as internships with biotechnology and molecular bioscience companies will further enhance the employability of graduates.

**Highlights**

- The programme spans a variety of key biotechnology areas from optimisation of processes such as those involved in producing antibiotics, vaccines, monoclonal antibodies, and genetically engineered transgenic plants and animals, to carrying out gene therapy, improving water and land management, and remediating pollution
- Well-equipped labs, where all Biotechnology undergraduates will have the opportunity to use advanced equipment such as the Real-Time PCR, HPLC, Bioreactor, Sonicator and Inverted Microscope
- Students may transfer to partner universities in Australia or the United Kingdom upon completing 1 or 2 years at INTI International University
- Students may change their majors when transferring to partner universities
- Collaborations with prestigious partner universities such as the University of Adelaide, University of New South Wales, University of Queensland, Newcastle University and University of Southampton

**Career opportunities**

- Science Officer, Science Researcher, Clinical and Regulatory Executive or Officer, Field Application Specialist, Technical Support Executive or Officer, Service Engineer, Quality Assurance Officer (Executive, Supervisor or Analyst), Quality Control Officer (Supervisor, Assistant or Analyst), Safety Specialist
- Industries in the public or private sector: biotechnology, food and drink (including brewing), health and beauty care, chemical and pharmaceutical manufacturing companies, research companies (including companies conducting clinical trials), clinical diagnostic laboratories, analytical and testing laboratories, environmental pollution control companies, hospitals, patent companies, various government research agencies and facilities (medicine, farming and agriculture, fisheries, forestry, etc.), forensic services and universities

**Offered at**

INTI International University (INTAKES: JAN, JUNE & AUG)

**Year 1**

- Biology of Organisms
- Chemistry 1
- Chemistry 2
- Introduction to Biotechnology
- Mathematics & Statistics
- Molecular & Cell Biology
- Organisation & Management

**Year 2**

- Analysis of Genetic Inheritance
- Biochemistry of Biomolecules & Enzymes
- Biostatistical & Analytical Techniques
- Biotechnology Laboratory 1
- Cell & Tissue Culture
- Cellular & Metabolic Biochemistry
- Chromosomes, Gene Regulation & Evolution
- Biotechnology of Biotechnology
- Immunology
- Microbiology
- Recombinant DNA Technology

**Year 3**

- Agrobiotechnology
- Bioethics
- Bioinformatics
- Biotechnology Laboratory 2
- Biotechnology Laboratory 3
- Biotechnology Practice
- Biotechnology Project
- Environmental Biotechnology
- Industrial Biotechnology
- Internship
- Medical Biotechnology
- Methods & Skills in Research

**MPI subjects**

- Bahasa Kebangsaan A*
- Community Service
- Corporate Social Responsibility
- Design Thinking
- Ethnic Relations (Local students) / Communicating in Malay 3 (International students)
- Islamic & Asian Civilisation (Local students) / Malaysian Studies 3 (International students)
AUSTRALIAN DEGREE TRANSFER PROGRAMME (SCIENCE)

Students can pursue Biotechnology, Life Sciences, Molecular Biosciences or Biomedical Sciences for up to the first two years of the degree programme. Successful students can transfer to partner universities in Australia, New Zealand or the United Kingdom to complete the degree. It is noteworthy that a number of the collaboration universities are consistently ranked among the top 200 universities worldwide by The Times Higher Education. On the QS World University Rankings are the University of Adelaide, University of New South Wales, University of Queensland, University of Southampton and Newcastle University. In Year 1, students take up the core basic sciences in Chemistry and Molecular & Cell Biology, supported by courses in Mathematics, Management, and Computing. In Year 2, they proceed to “cornerstone” courses in Biochemistry, Biotechnology, Genetics, Microbiology, and Immunology.

Highlights
- Well-equipped labs, where all Australian Degree Transfer Programme (Science) students will have the opportunity to use advanced equipment such as the Real-Time PCR, HPLC, Bioreactor, Sonicator and Inverted Microscope.
- Collaboration with prestigious partner universities like the University of Adelaide, University of New South Wales, University of Queensland, Newcastle University, University of Southampton and more.

Career opportunities
- Science Officer, Researcher, Clinical and Regulatory Executive, Regulatory Officer, Field Application Specialist, Technical Support Executive (Officer), Service Engineer, Quality Assurance Officer (Executive or Supervisor or Analyst), Quality Control Officer (Supervisor, Assistant or Analyst), Safety Specialist
- Industries in the public or private sector: biotechnology, food and drink (including brewing), farming and agriculture, health and beauty care, research companies, medical and scientific instruments companies, chemical and pharmaceutical manufacturing companies, research companies (including companies conducting clinical trials), clinical diagnostic laboratories, analytical and testing laboratories, environmental pollution control companies, hospitals, blood banking services, government research agencies and facilities (medicine, farming and agriculture, fisheries, forestry, etc.), forensic services and universities.

Programme structure

Level 1
- Biology of Organisms
- Chemistry 1
- Chemistry 2
- Computing
- Introduction to Biotechnology
- Mathematics and Statistics
- Molecular and Cell Biology
- Organisation and Management

Level 2
- Biochemistry 1
- Biochemistry 2
- Biotechnology Laboratory
- Bioinstrumentation & Analytical Techniques
- Cell and Tissue Culture
- Fermentation Technology
- Genetics 1
- Genetics 2
- Immunology
- Microbiology
- Recombinant DNA Technology

 MPU subjects
- Bahasa Kebangsaan A*
- Community Service
- Corporate Social Responsibility
- Design Thinking
- Ethnic Relations (Local students) / Communicating in Malay 2 (International students)
- Islamic & Asian Civilisation (Local students) / Malaysian Studies 3 (International students)

Offered at
INTI International University

INTAKES: JAN, MAY & AUG

Duration
6 Semesters
HEAR WHAT OUR ALUMNI SAY

“INTI believes in giving its students a balanced life. My peers spent there were full of opportunities to build our soft skills, in addition to excellent classes taught by dedicated lecturers. Coupled with conducive facilities and quiet and calm surroundings, INTI became like a second home. If there’s one thing I’ve learned here, it’s to keep an open mind. A positive attitude has helped me tremendously in dealing with challenges in the working world.”

WEN HERN, ASTHAR
Worked at HIP Associate, Adiphen 00 Sdn Bhd
Bachelor of Biotechnology (Honors)

“Back in 2013 when the Malaysian biotechnology scene was just emerging, I joined INTI because it had one of the most established and reputable Biotechnology programmes. What I really liked was the integrated learning experience which went way beyond doing coursework. Subsequently, INTI Career Services was instrumental in helping me secure a internship opportunity that led to a permanent position as a research scientist. I know I am very fortunate to be in a career that I love.”

ARVICHEN YAM BALEKUDIYAN
Senior Scientist, BioTech Innovation Centre
Bachelor of Biotechnology (Hons)

“One of the best things about INTI was its diverse student population. Interacting with them offered priceless insights into cultures from all over the world. The experience groomed me to cope better in the working world, where everyday you will face adversity or challenges.”

LEW JIEH
Management Associate, Astra Futuris sdn bhd
Bachelor of Biotechnology (Hons)

“Looking back, my INTI journey was a pivotal stepping stone to some of my greatest accomplishments. After completing my Biotechnology programme, I realized I had a passion for food science, so I decided to pursue my Masters in Food Science and Innovation at Manchester Metropolitan University. In the UK, I participated in a host of interesting projects – from developing beer from bakery products to collaborating with one of UK’s biggest supermarket chains and getting my food safety (HACCP) certification. Can’t wait to make my mark in the food industry!”

LIEW ZER ZAH
Bachelor of Biotechnology (Hons)

EMPLOYER PROJECTS

INTI has established close ties with leading companies in the industry to develop employer projects to enable students to gain real, hands-on work experience while studying. Through these projects, students are presented with immediate challenges faced by businesses, and are required to work together in teams to develop and present their proposals. Projects are based on real-life business issues that will help students to develop their knowledge and apply their soft skills in actual business scenarios.

THE OPTIMISATION OF GROWTH FACTORS FOR PLANT CULTURE WITH HIGH DECORATIVE VALUE

Terra Living Enterprise

The growth of plants in outdoor greenhouses has proven to be challenging due to temperature fluctuation, inconsistent sunlight exposure and pest outbreaks. Students from the Bachelor of Biotechnology programme collaborated with Terra Living Enterprise to find the best way to grow plants with high decorative value in an outdoor greenhouse (e.g. mass and tower plants: Asparagus plumosum, Hypnum plumosum, Bryum cap). If the current breed of plants cannot adapt to the indoor environment, an artificial selection of plant would be used to perform.

The students put together a collaborative study to come up with practical ways of cultivating indoor plants, using different growth parameters and applied knowledge gained in Agri-biotechnology to determine the best parameters for the study. The creative and highly motivated students also utilised knowledge and entrepreneurial skills obtained in Industrial Biotechnology to propose the commercial aspects of indoor plant cultivation that could reduce overall cost for Terra Living.

THE OPTIMISATION OF SUBSTRATES FOR THE CULTIVATION OF MUSHROOMS WITH HIGH COMMERCIAL VALUE

Nas Agro Farm

The objective of this project was to determine the commercial and scientific benefit of using an alternative green and renewable source as a substrate for the cultivation of oyster mushrooms.

INTI students were required to identify a readily available resource to be tested as a potential substrate for mushroom cultivation, substituting sawdust, a conventional mushroom growing medium which is not environmentally friendly. Thus, a new medium is progressively needed for the sustainable development of the industry. The students successfully identified an alternative green and renewable source, with the correct formulation, as a potential replacement for the current medium.
Students had the opportunity to participate in a terrarium-making workshop. The workshop was conducted by Raymond Yeow, CEO of Terraliving and a proud INTI alumni. The workshop covered a step-by-step guide for participants on harvesting moss, storage methods for moss, a video and slideshow presentation, in-depth highlights on Biology of mosses, hands-on terrarium crafting and an invaluable knowledge sharing session!
INTI NETWORK

INTI INTERNATIONAL UNIVERSITY (DU002N)
06-798 2000
Persiaran Perdana BBN, 71800 Putra Nilai

INTI INTERNATIONAL COLLEGE SUBANG (DK241-01/0)
03-5623 2800
No. 3, Jalan SS15/8, 47500 Subang Jaya

INTI INTERNATIONAL COLLEGE KUALA LUMPUR (DK275/0)
03-2052 2888
Menara 11, Jalan Sultan Ismail, 50250 Kuala Lumpur

INTI INTERNATIONAL COLLEGE PENANG (DK249-02/0)
04-631 0138
No. 1-Z, Lebuh Bukit Jambul, 11900 Penang

INTI COLLEGE NILAI (DK240/0)
06-798 2133
Persiaran Perdana BBN, 71800 Putra Nilai

INTI COLLEGE SABAH (DK249-00/0)
088-765 701
Lot. 17-20, Phase 1B, Taman Putatan Baru, 88200 Kota Kinabalu

INTI EDUCATION COUNSELLING CENTRES (326729/0)

IPPOH 05-241 1833
No. 238, Jalan Sultan Iksandar, 30000 Ipoh

JOHOR BAHRU 07-364 7537
No. 35, 25-01, Jalan Austin Heights B/1, Taman Austin Heights, 81100 Johor Bahru

KUANTAN 09-500 4657
B16, Jalan Seri Kuantan 81, Kuantan Star City II, 25300 Kuantan

Get Connected with INTI!

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