DISTED
COLLEGE
DK187(P)

Computing

MyQUEST 2022
COMPETITIVE
(Kategori Berdaya Saing)

DISTED Pulau Pinang Sdn Bhd
Company Registration Number : 199701020079 (435576-U)
MOHE Approval Number: DK187(P)

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Bachelor in
Information Technology (Honours) Data Analytics
in collaboration with HELP University

HELP University
university of achievers
DU028(W)

Looking to build a career in one of today's most in-demand fields? The BACHELOR IN INFORMATION TECHNOLOGY (HONOURS) DATA ANALYTICS in collaboration with HELP University is designed to develop well-rounded professionals with the essential competencies for success in the evolving field of data analytics. It emphasises proficiency in analytical techniques and tools while fostering critical thinking, effective communication, and problem-solving skills for complex data challenges.

This programme focuses on:

- Teaching the latest tools and techniques in data analysis.
- Building a strong foundation in statistics and mathematics for advanced analytics.
- Helping you master cutting-edge topics like machine learning, data mining, and pattern recognition.

With these skills, you can explore exciting careers as a:

- Data Analyst
- Systems Analyst
- Data Scientist
- Data Engineer

You'll learn how to help businesses make smart decisions, solve problems, and use data to gain an edge over competitors.

MIN. ENTRY REQUIREMENTS

✔ **STPM** or its equivalent
- Min. pass in grade of C (CGPA 2.00) in any TWO (2) subjects or any equivalent qualification and a credit in Mathematics at SPM level or its equivalent; OR

✔ **A-Level**
- Min. 2Cs and a credit in Mathematics at SPM/O Level; OR

✔ **SACEi**
- ATAR 50 and a credit in Mathematics at SPM Level or its equivalent; OR

✔ **Sijil Tinggi Agama Malaysia (STAM)**
- Min. pass in grade of Jayyid in any TWO (2) subjects (including a credit in Mathematics at SPM level or its equivalent); OR

✔ **Matriculation or Foundation**
- Min. CGPA of 2.00 and a credit in Mathematics at SPM level or its equivalent; OR

Diploma in Computing (Level 4, MQF) or equivalent *
- Min. CGPA of 2.50

✔ **Any Diploma in Science and Technology** (Level 4, MQF)*
- Min. CGPA of 2.75 OR

✔ **Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM) in Computing fields** *
- Min. CGPA of 2.50 subjected to HEP Senate / Academic Board's approval; OR

✔ **Diploma Lanjutan Kemahiran Malaysia (DLKM)** in Computing fields *
- Min. CGPA of 2.50 subjected to HEP Senate / Academic Board's approval;

Notes:

* Candidates for categories (iv) until (vii) with a CGPA below 2.75 but more than 2.00 may be admitted subject to a thorough internal evaluation process.

There are **no English requirements** for local students. For international students, the English requirements are listed as below:-
- IELTS 5.0
- MUET Band 3.5
- TOEFL Essentials (Online) 7.5
- TOEFL (Internet based) 40

🧑‍🤝‍🧑 WHY JOIN US

- **Industry-Oriented Focus**: Learn what employers need, using real-world methods and tools.

- **Specialised Tracks**: Tailor your learning with two focus areas:
  1. **Business Intelligence**: Perfect for those who want to connect data insights with business goals.
  2. **Quantitative Analytics**: Dive deeper into predictive modelling and data-driven decision-making.

- **Comprehensive Curriculum**: Gain knowledge in programming, big data, machine learning, and more

🖧 PROGRAMME STRUCTURE

Year 1

- Computer Architecture and Organisation
- Introduction to Database Systems
- Programming Fundamentals
- Web design and Development
- Analytics for Decision Making
- Applied Mathematical Studies (OR)
  Professional Communications for Business

- Object Oriented Programming
- Introduction to Operating Systems
- Data Communications and Networking
- Discrete Mathematics

Year 2

- Systems Architecture and Design
- User Experience Design
- Cloud Computing
- Technopreneurship and Innovation (OR)
  Multivariate calculus and Ordinary
  Differential Equations

- Software Engineering Principles
- Advanced Database Systems
- Data Mining and Visualisation
- Enterprise Data Infrastructure

Year 3

- IT Project Management
- Cybersecurity & Ethics
- Final Year Project I
- Big Data Technologies

- Industrial Internship (3 Months)
- Startup Ideation
- Final Year Project II
- Machine Learning and Artificial Intelligence

All courses listed above are under HELP University Curriculum structure

General Studies

1. Appreciation of Ethics and Civilization OR Malay Language for Communication (International)
2. Philosophy and Contemporary Issues
3. National Language A (**) OR A* Gen Careers in Malaysia and Beyond OR Integrity and Anti -Corruption Course (***)
4. Co-Curriculum Event Management 2

University Core

- Discovering Oneself
- Engaging the World

* Local students to take both Appreciation of Ethics and Civilizations and Philosophy and Current Issues

** for Local students without a credit in SPM Bahasa Melayu

*** for students that have not taken Integrity and Anti-Corruption Course at Diploma level

Collaboration University

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Awards & Accreditations

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ECAAS ISO **9001** CERTIFIED
QUALITY MANAGEMENT

PTE ACADEMIC
Official Test Centre
Pearson

Academic Partners

Griffith UNIVERSITY

UC **UNIVERSITY OF CANTERBURY**
Te Whare Wananga o Waitaha

THE UNIVERSITY OF QUEENSLAND AUSTRALIA
CREATE CHANGE

VICTORIA UNIVERSITY

THE UNIVERSITY *of* ADELAIDE

HERIOT WATT UNIVERSITY

RMIT UNIVERSITY

WOU WAWASAN OPEN UNIVERSITY

University of Essex

University of **Portsmouth**

MACQUARIE University
SYDNEY · AUSTRALIA

TAYLOR'S UNIVERSITY
Wisdom · Integrity · Excellence

AIMST UNIVERSITY
Educating Tomorrow's Leaders

RCSI + UCD MALAYSIA CAMPUS

IMI
INTERNATIONAL MANAGEMENT INSTITUTE
SWITZERLAND