



ISO 9001:2015 Certified

Doctor of Philosophy in Data Science

(N/0613/8/0002) (08/29) (MQA/PA15774)

PROGRAMME DESCRIPTION

The Doctor of Philosophy in Data Science gives broad exposure to key concepts and tools from Data analytics, AI, Machine Learning, and more knowledge and abilities to conduct data science-related research and discovery. The objective of this program is to discover information and facilitate innovation from complicated data and to discover indepth knowledge of data-driven science about research and scientific methods, processes, and systems to extract knowledge or insights from data in various forms, either structured or unstructured. The program aims to produce data research professionals who are passionate about drawing meaningful insights from data using data science approach.

For successful completion of PhD candidate should publish minimum four research articles in Scopus indexed journals, with Lincoln University College affiliation.

PROGRAMME AIM

The program Doctor of Philosophy in Data Science will produce professionals who are:

- Knowledgeable and skillful in the theory and practice of areas of Data
 Science with the concept of research work.
- Competent to practice technically and process interpersonal skill to communication making on various situations and responsibilities during their research work.
- Capable to work ethically and adopt digital and analytical skills to lend support Data Science professional in their specialty.
- Able to adopt the autonomy and responsibilities with the excellent leadership skills that is useful for industrial needs in the field of Data Science.
- Efficient to utilize personal skill to undergo entrepreneurial work in Data Science field effectively.

CAREER OPPORTUNITIES

Doctor of Philosophy in Data Science gives students a deep understanding of programming, statistics, data analysis, machine learning, and artificial intelligence. The number of career options in data science is expanding incredibly fast. Graduates of doctoral programs in data science can work as:

- Data Scientist
- · Big Data Analyst
- · Machine Learning Engineer
- · Mining Analyst
- · Data Modeler
- · Data Architect/Engineer
- · Qualitative Analyst

Call us :

1 300 880 111 (Malaysia) +603 78063478 (International)

Web:www.lincoln.edu.my

E-mail : info@lincoln.edu.my

Wisma Lincoln, No. 12-18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia.





ISO 9001:2015 Certified

Doctor of Philosophy in Data Science

(N/0613/8/0002) (08/29) (MQA/PA15774)

PROGRAMME DURATION

Full Time: Minimum- 3 Years; Maximum- 5 Years Part Time: Minimum- 4 Years; Maximum- 8 Years

INTAKE AND ENTRY REQUIREMENTS

Ongoing

i.A Master's Degree (Level 7 Malaysian Qualifications Framework, MQF) in the Computer Science or related field as accepted by the Lincoln University College Senate; or

ii.Other qualifications equivalent to a Master's Degree (Level 7, MQF) recognized by the Government of Malaysia;

iii.Candidates without a related qualification in the field/s or working experience in the relevant fields must undergo appropriate prerequisite courses determined by Lincoln University College.

iv.A Bachelor's Degree (Level 6, MQF) with the following conditions:

- a. A Bachelor's Degree (Level 6, MQF) in the field or related fields with first-class (CGPA of 3.67 or higher) or its equivalent from an academic or Technical and Vocational Education and Training (TVET) programme.
- b. Undergo internal assessment; and
- c. Any other requirements of the Lincoln University College.

English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 6.0 or its equivalent. If a student does not meet this requirement, HEPS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

SI. No.	Subject Name
1.	Research Methodology
2.	Data Analysis and Thesis Writing
3.	Research Work (Any one of the following specialties)
	Data Mining
	Knowledge Management
	Data Analytics
	Business Intelligence
	Artificial Intelligence
	Data Visualization
	Big Data Integration
	Statistics
	Extensive Computations
	Complex Modeling
	Simulation
	Optimization and Visualization

Call us :

1 300 880 111 (Malaysia) +603 78063478 (International)

Web : www.lincoln.edu.my E-mail : info@lincoln.edu.my

Wisma Lincoln, No. 12-18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.

##