NCC education®

Awarding Great British Qualifications

Level 5 Diploma in Computing with Data Science

Level 5 (L5DC DS)
Regulated Qualifications Framework (RQF)

Equivalent to the 2nd year of a bachelor's degree in the UK

Overview

NCC Education Level 5 Diploma in Computing (with DATA SCIENCE) (L5DC DS) makes up the second year of the NCC Education degree journey. This builds upon the knowledge gained during the Level 4 Diploma in Computing (L4DC).

This qualification is designed to develop the specialist skills necessary to manage big data and extract valuable insights.

If you enjoy statistics or working with data and information, the Level 5 Data Science Specialism could be an excellent career path for you.

Students will study 6 units including the following: Artificial Intelligence, Computing Project, Data Analysis and Visualisation with Python, Introduction to Data Science and Big Data.

Entry Requirements

For entry onto the NCC Education L5DC DS course, students must have at least one of the following:

- NCC Education Level 4 Diploma in Computing (L4DC)

OR

- A local or international qualification, which is deemed to be of a similar level to the NCC Education Level 4 Diploma in Computing (L4DC) This must be agreed with NCC Education in advance.

If a potential student's first language is not English, they must also obtain the English Language requirements of either:

- International English Language Testing System (IELTS) minimum score of 5.5 or above
- Alternatively, take the free NCC Education Higher English Placement Test, which is administered by our Accredited Partner Centres.

Delivery Method
Accredited Partner Centre

Duration
Full-time: 1 year
Part-time: 2-3 years

6 Units

120 Credits

Assessment
Through examination and coursework assignments

Registration Dates
Throughout the year

Guided Learning Hours
322 – 339 depending on units chosen

Total Qualification Time
1200 hours

Qualification Structure

Students are required to complete six units comprising of 4 Core units and 2 elective units:

4 CORE UNITS (MANDATORY)

- Artificial Intelligence
- Computing Project
- Data Analysis and Visualisation with Python
- Introduction to Data Science and Big Data

2 ELECTIVE UNITS (CHOOSE 2)

- Agile Development
- Analysis, Designs and Implementation
- IT Project Management
- Professional and Career Development in IT

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