

# DAD - Database Application Developer

Version 1

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<b>Program Code:</b>	DAD
<b>Credential Awarded:</b>	Graduate Certificate
<b>Campus:</b>	Newnham
<b>Duration:</b>	1 year (2 academic semesters)
<b>Starts In:</b>	September, and January

Program Map and Curriculum

**ACADEMIC YEAR 2023-24**



Program Learning Outcomes

As a graduate, you will be prepared to reliably demonstrate the ability to:

- Analyze system requirements for business computer applications.
- Work and communicate as a member of a team in the design, development and implementation of computerized business applications.
- Construct a logical and physical database design given a client's system requirements.
- Implement a simple database application using popular relational database application software.
- Program computer applications using an object-oriented programming language.
- Develop specific business applications using a multi-tier architecture.
- Modify deployed applications using industry standard system architectures and frameworks.
- Perform basic database administration functions, including backup and recovery, and network administration.

- Implement database applications using an enterprise-level relational database product.
- Apply knowledge of data warehousing, data marts, and data mining to gather and summarize decision making information.
- Employ web technologies in database application implementation and support.
- Work effectively in web and distributed operating system environments.

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### **Further Information About This Program from Seneca's Website**

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tags : dad, grad-cert, sdds