

# AIG - Artificial Intelligence

Version 7

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

Program Curriculum

## Artificial Intelligence Graduate Certificate (AIG) - 23-24

Semester 1		
Course Code	Course Name	Pre-requisites
AIG100	Machine Learning	None
AIG110	Artificial Intelligence	None
AIG120	Strategic Evidence Based Decision Making	None
AIG130	Cloud Computing for Machine Learning	None
AIG140	Advanced Data Visualization	None
AIG150	Data Preparation and Governance	None

Semester 2		
Course Code	Course Name	Pre-requisite
AIG200	Capstone Project	AIG100
AIG210	Computer Vision	AIG100
AIG220	Deep Learning	AIG100
AIG230	Natural Language Processing	AIG100
AIG240	Robotics	None
<u>WTP100</u>	Work Term Preparation (Work-Integrated Learning option only)	AIG100
Optional Co-op		
Course Code	Course Name	Pre-requisite
<u>AIG441</u>	Optional WIL Work Term	none

Program Learning Outcomes

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

- Create machine learning algorithms to help to identify patterns, provide insights, recommend actions, or perform tasks autonomously on behalf of stakeholders
- Communicate complex materials using data visualization
- Design and implement cloud solutions that align with business needs, scalability, and performance requirements
- Build AI models to identify patterns, provide insights, recommend actions, or perform tasks autonomously on behalf of stakeholders

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

tags : aig, grad-cert, sdds