

PROGRAMME STRUCTURE

(A) Coursework and Dissertation

The Master of Science (Intelligent System) by coursework and dissertation is a 40 credit hour programme which comprise of the following courses:

CORE COURSE (16 CREDIT HOURS)

STIN 5014	Artificial Intelligence
STIN 5024	Data Mining
STIN 5034	Neural Networks
SZRZ 6014	Research Methodology

ELECTIVE COURSE (4 CREDIT HOURS)

Choose any one (1) course from the courses listed below or any other courses approved by the College:

STIN 6014	Artificial Intelligence Programming Language
STIN 6024	Expert System
STIN 6034	Intelligent Agent Development
STIN 6044	Intelligent Database
STIN 6054	Web-based Intelligent Systems
STIN 6064	Natural language Computing
STIN 6074	Fuzzy Logic
STIN 6084	Generic Algorithm
STIN 6094	Swarm Computing

DISSERTATION (20 CREDIT HOURS)

STIZ 69920	Dissertation
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(B) Research

Students are required to:

- i. Present and defend proposed research to a committee;
- ii. Present progress reports of research work at colloquiums arranged by the Graduate School or College;
- iii. Attend a viva session to defend the thesis; and
- iv. Submit a final thesis.

Students without sufficient research skills and knowledge are required to attend and pass the following courses with at least a B grade before being allowed to defend their proposal (i.e. within the first two semesters of their enrollment):

- i. SZRZ 6014 Research Methodology;
- ii. SCLE 6014 Academic Writing; and/or
- iii. Any other course as determined by the supervisor or Academic Committee.