Module Descriptor
School of Computer Science and Statistics

Module Code	CS3011
Module Name	Symbolic Programming
Module Short Title	Prolog
ECTS	5
Semester Taught	Semester 1, Michaelmas
Contact Hours	33 (22 lecture, 11 lab)
Module Personnel	Dr Tim Fernando
Learning Outcomes	On successful completion of this module, students should be able to: • Describe the basic characteristics of declarative programming in general and Prolog in particular. • Compare declarative and imperative programming • Design, construct and analyze Prolog programs of moderate complexity • Evaluate the suitability of Prolog for simple tasks • Identify and use the different forms of recursion
Learning Aims	Acquire competence in Prolog
Module Content	Basic introduction to Prolog including recursion, definite clause grammars, cuts and negation
Recommended Reading List	_Learn Prolog Now_ by Blackburn, Bos and Striegnitz.
Module Prerequisites	none
Assessment Details	Written exam (90%) and continuous assessement consisting of lab work(10%) The supplemental assessment will be based solely (i.e. 100%) on the written exam. Exam duration: 2 hours (annual and supplemental)
Module Website	
Academic Year of Data	2018/19