

## 600 Level

Select 16 credit points from the following

ITEC624	Database Systems	4
ITEC625	Fundamentals of Computer Science	4
ITEC643	Cryptography and Information Security	4
ITEC649	Web Technology	4
ITEC654	Applications, Modelling and Development	4
ITEC657	Data Science	4
ITEC699	Foundation Topic in Computing	4
MATH604	Mathematical Modelling	4
STAT670	Introductory Statistics	4
STAT680	Applied Statistics	4
STAT683	Introduction to Probability	4

**800 Level****Complete the following** **Credit Points**

ITEC873	Machine Learning Required	4
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ITEC874	Big Data Technologies Required	4
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ITEC876	Applications of Data Science Required	4
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STAT810	Statistical Theory Required	4
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STAT811	Generalized Linear Models Required	4
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STAT821	Multivariate Analysis Required	4
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**Choose 1 unit from the following**

ITEC877	Data Science Capstone Project Unit	4
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STAT877	Data Science Capstone Project	4
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Select 20 credit points from the following		
ITEC801	Distributed Systems	4
ITEC830	Web Data Technologies	4
ITEC832	Enterprise Application Integration	4
ITEC841	Information Systems Project and Risk Management	4
ITEC852	Advanced System and Network Security	4
ITEC854	Security Management	4
ITEC855	Security Technologies and Forensic Analysis	4
STAT822	Time Series	4
STAT823	Statistical Graphics	4
STAT826	Market Research and Forecasting	4
STAT828	Data Mining	4
STAT830	Statistical Methods in Bioinformatics	4
STAT878	Modern Computational Statistical Methods	4