**附件三**

**课程设置**

一、企业商务分析硕士

1. Analytics Project Management and Delivery项目管理与交付分析

* Statistics for Business II
* Data Storytelling
* Data Management for Analytics
* Managing Business Analytics Projects

1. Core Analytics Techniques 核心分析技巧

* Data Analytics Process and Best Practices II
* Statistics Bootcamp II
* Predictive Analytics – Insights of Trends and Irregularities
* Text Analytics

1. Customer Analytics用户分析

* Customer Analytics
* Advanced Customer Analytics
* Campaign Analytics

1. Big Data Processing大数据处理

* Big Data Engineering for Analytics
* Recommender Systems
* Processing Big Data for Analytics

1. Practical Language Processing实用语言处理

* Text Analytics
* New Media and Sentiment Mining
* Text Processing using Machine Learning
* Conversational UIs

1. Advanced Predictive Modelling Techniques预测建模技术

* Complex Predictive Modelling & Forecasting
* Product & Pricing Analytics
* Analytics for Commercial Excellence

二、智能系统硕士

1. Intelligent Reasoning Systems智能推理系统

* Machine Reasoning
* Cognitive Systems
* Reasoning Systems

1. Pattern Recognition Systems模式识别系统

* Problem Solving using Pattern Recognition
* Intelligent Sensing and Sense Making
* Pattern Recognition and Machine Learning Systems

1. Intelligent Robotic Systems智能机器系统

* Robotic Systems
* Developing Autonomous Robots & Vehicles
* Human-Robot System Engineering

1. Intelligent Sensing Systems智能感应系统

* Vision Systems
* Spatial Reasoning from Sensor Data
* Real Time Audio-Visual Sensing and Sense Making

1. Intelligent Software Agents智能软件代理

* Intelligent Process Automation
* RPA and IPA - Strategy and Management
* Software Robots - Best Practices
* Self-Learning Systems

1. Practical Language Processing实用性语言处理

* Text Analytics
* New Media and Sentiment Mining
* Text Processing using Machine Learning
* Service Chatbots

三、软件工程硕士

1. Architecting Scalable Systems可扩展系统的构建

* Architecting Software Solutions
* Platform Engineering
* DevOps Engineering and Automation
* Cloud Native Solution Design

1. Architecting Smart Systems智能系统构建

* Architecting IoT Solutions
* Designing Intelligent Edge Computing
* Humanizing Smart Systems

1. Designing and Managing Products and Platforms产品与平台设计与管理

* Service Design
* Managing Digital Products
* Digital Product Strategy
* Architecting Platforms as a Business

1. Engineering Big Data大数据工程

* Information Architecture for Data-driven Insights
* Big Data Engineering for Analytics
* Architecting Systems for Real-Time data processing

1. Securing Ubiquitous Systems全系统安全

* (ISC)2 CISSP CBK Training Seminar
* Secure Software Development Lifecycle for Agile
* Design Secure Mobile Architecture
* Platform Security