**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