

上海师范大学全日制专业硕士研究生培养方案

(专业学位类别代码 : 0854 专业学位类别名称 : 电子信息硕士)

(领域代码 : 085400

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[37] James Kurose, Keith Ross(2012).Computer Networking: A Top-Down Approach (6th Edition)
.Pearson, 6th edition.

[38] William Stallings(2003). Wireless Communications and Networks.

[39] Schwartz, M 1996 . Broadband Integrated Networks.Prentice Hall.

课程设置与学分

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1. 22

(1) 4

Dialectics of Nature 2

A Comprehensive English A 2

(2) 1 3

Advanced Engineering Mathematics 3

Numerical analysis 3

Optimization theory 3

(3) 6 15

Advanced signal processing 3

Digital communications 3

Intelligent system and information amalgamation 3

Digital image processing 3

Mobile Communication Engineering 3

Signal Detection and Estimation 3

FPGA FPGA system design and practice 3

Information theory 3

Pattern recognition 3

Embedded systems 3

Deep learning 3

Video information procession 3

2. 3 6

Specialized Foreign Language 2

Method and Application of Wireless Location 2

Signal Processing Advances inCommunications 2

Computer Vision 2

Multimedia Data Compression 2

Modern acoustic technology 2

Wireless Communication Model and Simulation(2)

Error control coding theory 2

(Wireless Network Technology) 2

Networks and Signal Processing Technology of Optical

Communication 2

Methods and applications of intelligent computation 2

Artificial Intelligence and Intelligent Robot technology 2

Machine Learning 2

Modeling, Identification and Prediction of Nonlinear Dynamic

Systems 2

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(1) 4

Dialectics of Nature 2

A Comprehensive English A 2

- (2) 3
Advanced Engineering Mathematics 3
- (3) 6 15
Computer Architecture 3
Computer Network & Communication 3
Database Technology 3
Multi-Medium Technology 3
Advanced Software Engineering 3
Digital Image Processing 3
Digital Signal Processing 3
Discrete mathematics & Algorithm 3
Computer-Controlled System 3
- 2. 3 6
Specialized Foreign Language 2
Reliability and Safety of Computer 2
Pattern Recognition 2
Information Security 2
Modelling and Analysing on Computer Network and Simulation 2
Wireless Network 2
Object-Oriented Programming 2
Embedded System 2
- Web Senior Web Development and Technology 2
Cloud Computing and Big Data 2
Computer Aided Design 2
- Tensorflow Machine Learning Practices by Tensorflow 2
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培养方式与考核方式

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培养目标与要求

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