Philadelphia University
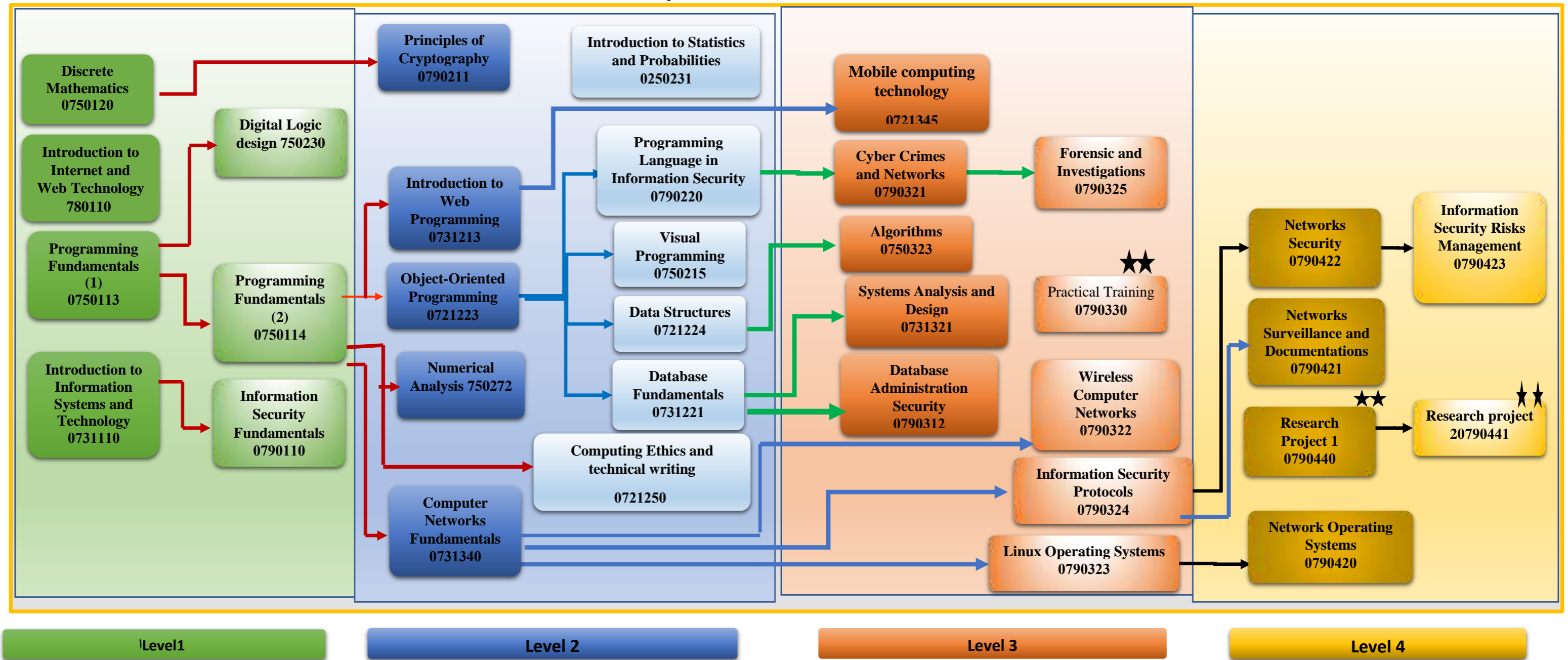## Faculty of Information Technology
Information and Cyber Security Department
Study Plan (Tree Plan) 2020/2021

Level1

- Discrete Mathematics 0750120
- Introduction to Internet and Web Technology 780110
- Programming Fundamentals (1) 0750113
- Introduction to Information Systems and Technology 0731110
- Digital Logic design 750230
- Programming Fundamentals (2) 0750114
- Information Security Fundamentals 0790110

Level 2

- Principles of Cryptography 0790211
- Introduction to Statistics and Probabilities 0250231
- Introduction to Web Programming 0731213
- Object-Oriented Programming 0721223
- Numerical Analysis 750272
- Computer Networks Fundamentals 0731340
- Programming Language in Information Security 0790220
- Visual Programming 0750215
- Data Structures 0721224
- Database Fundamentals 0731221
- Computing Ethics and technical writing 0721250

Level 3

- Mobile computing technology 0721345
- Cyber Crimes and Networks 0790321
- Forensic and Investigations 0790325
- Algorithms 0750323
- Practical Training 0790330 ★★
- Systems Analysis and Design 0731321
- Database Administration Security 0790312
- Wireless Computer Networks 0790322
- Information Security Protocols 0790324
- Linux Operating Systems 0790323

Level 4

- Networks Security 0790422
- Information Security Risks Management 0790423
- Networks Surveillance and Documentations 0790421
- Research Project 1 0790440
- Research project 20790441 ★★
- Network Operating Systems 0790420

** Just allowed for students that exceeds 90 credit hours