# Cybersecurity-Tree Plan



## First year

- Introduction to programming 1910011100
- Introduction to programming lab 1910011101
- Object Oriented Programming (1) 1910011110
- Object Oriented Programming (1) Lab 1910011111
- Arabic level test or 121601099
- Arabic Language 121601101
- English level test or 121602099
- English language 121602101
- Discrete Mathematics 110101152
- Digital logic design 1910011123
- Calculus 1 110108101
- Principles of Statistics 110108103
- Elective University Requirement (1)
- National education 1714041118

## Second year

- Military science 1714041117
- Data structure 1910011250
- Introduction to Database Systems 151002240
- Visual Programming 1910011214
- Object Oriented Programming (2) 1910011212
- Fundamentals of Software Engineering 2010031260
- Computer Networks 1910011320
- Introduction to cybersecurity 2010043250
- Introduction to Database Systems Lab 151002241
- Visual Programming Lab 1910011215
- Object Oriented Programming (2) Lab 1910011213
- Linear Algebra 110101241
- Algorithms 1910011351

## Third year

- Information Security Protocols 2010043360
- Ethical Hacking 2010043381
- Cryptography 2010043251
- System Analysis and design 151002470
- Web Programming 151002310
- Network Security and its Threats 2010043383
- Network Monitoring and Documentation 2010043380
- Ethical Hacking Lab 2010043382
- Database Management Systems and Security 2010043371
- Web Programming Lab 151002311
- Elective University Requirement (2)
- Elective Specialization Requirement (1)

## Forth year

- E-commerce Security 2010043472
- Digital Forensics 2010043461
- Information Hiding Techniques 2010043484
- Complete 80 hours
- Practical Training 2010043490
- Elective University Requirement (3)
- Elective Specialization Requirement (2)
- Digital Forensics Lab 2010043462
- Applied Project (1) 2010043491
- Applied Project (2) 2010043492
- Elective University Requirement (4)
- Elective Specialization Requirement (3)
- Elective Specialization Requirement (4)
- Elective University Requirement (5)

### Legend

- Compulsory University requirement
- Elective University Requirement
- Compulsory college requirements
- Compulsory Specialization Requirement
- Elective Specialization Requirement
- Free course