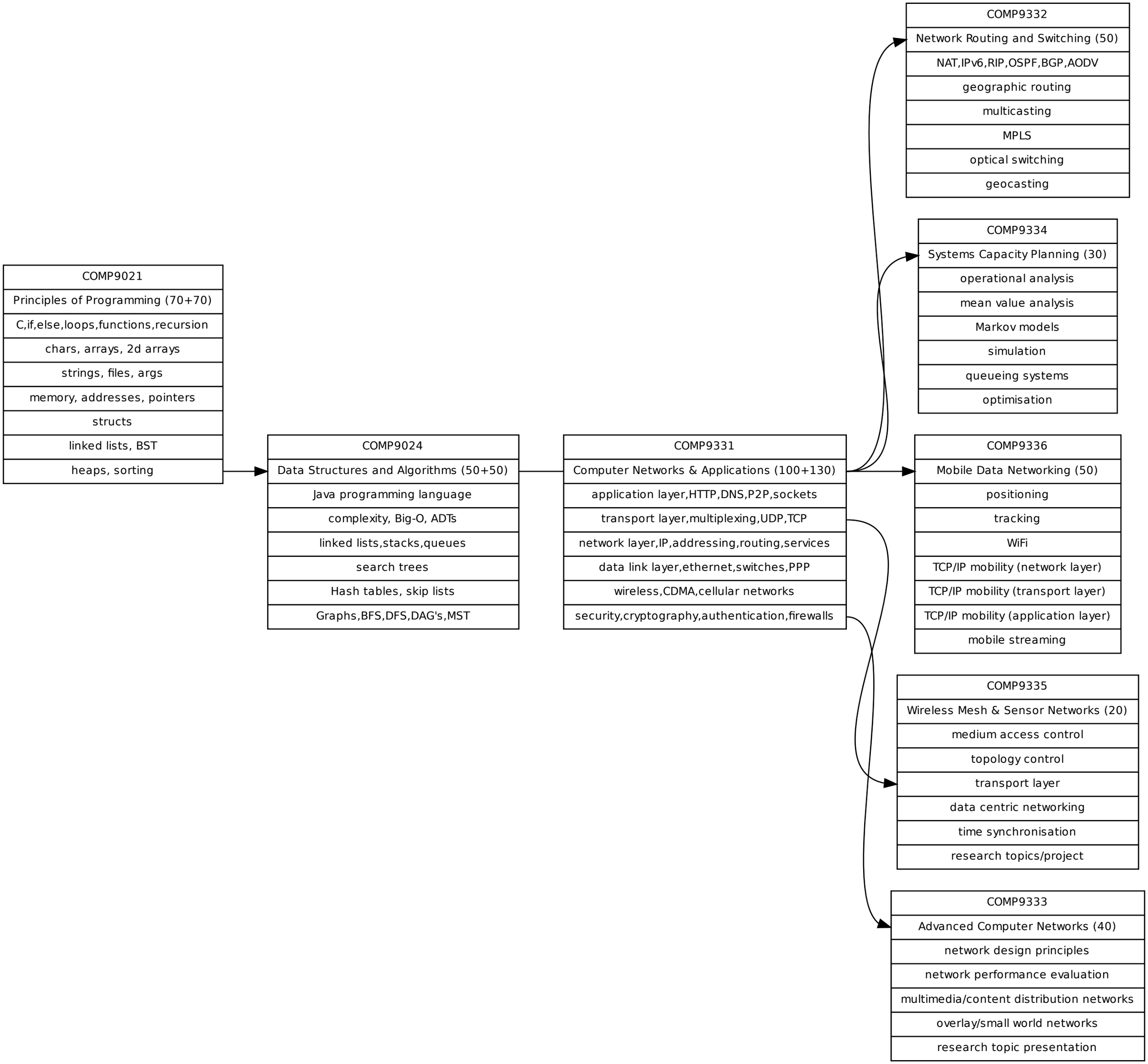

COMP9021
Principles of Programming (70+70)
C,if,else,loops,functions,recursion
chars, arrays, 2d arrays
strings, files, args
memory, addresses, pointers
structs
linked lists, BST
heaps, sorting
COMP9024
Data Structures and Algorithms (50+50)
Java programming language
complexity, Big-O, ADTs
linked lists,stacks,queues
search trees
Hash tables, skip lists
Graphs,BFS,DFS,DAG's,MST
COMP9331
Computer Networks & Applications (100+130)
application layer,HTTP,DNS,P2P,sockets
transport layer,multiplexing,UDP,TCP
network layer,IP,addressing,routing,services
data link layer,ethernet,switches,PPP
wireless,CDMA,cellular networks
security,cryptography,authentication,firewalls
COMP9332
Network Routing and Switching (50)
NAT,IPv6,RIP,OSPF,BGP,AODV
geographic routing
multicasting
MPLS
optical switching
geocasting
COMP9334
Systems Capacity Planning (30)
operational analysis
mean value analysis
Markov models
simulation
queueing systems
optimisation
COMP9336
Mobile Data Networking (50)
positioning
tracking
WiFi
TCP/IP mobility (network layer)
TCP/IP mobility (transport layer)
TCP/IP mobility (application layer)
mobile streaming
COMP9335
Wireless Mesh & Sensor Networks (20)
medium access control
topology control
transport layer
data centric networking
time synchronisation
research topics/project
COMP9333
Advanced Computer Networks (40)
network design principles
network performance evaluation
multimedia/content distribution networks
overlay/small world networks
research topic presentation