

Computer Engineering: Networks and Data Concentration (prior to Fall 2025)**Computer Engineering Electives****Degree Total: 0-3 credits**

| Course Number | Course Title | Credits | Prerequisites | Terms |
|----------------------|---|---------|---|-----------|
| DSCI 320 | Optimization Methods in Data Science | 3 | CS163 or CS164 or CS165 or CS220; MATH261; DSCI369 or MATH369 | F |
| ECE 395 ¹ | Independent Study | 1-3 | | F,S,SU |
| IDEA 310L | Design Thinking Toolbox: Creating Things that Think | 2 | IDEA210 or concurrent registration | As Needed |

¹A total of 3 credits of Independent Study may apply towards degree requirements. This includes credits awarded for ECE395 and ECE495 combined.