Master’s in CS (4 should be taken, 3 in summer, 3 in fall):

* Introduction to Algorithms (COT 5407)
* Advanced Software Engineering (CEN 5011)
* Principles of Database Management Systems (COP5725)
* Operating Systems (COP 5614)
* Intro to Machine Learning (CAP 5610)
* Analysis of Algorithms (COT 6405)
* Theory of Computation (COT 5310)
* CAP 5771: Principles of Data Mining
* CAP 5627: Affective Intelligent Agents
* CAP 5768: Intro to Data Science

PHD in CS (IDK)

* Operating Systems (COP 5614)
* Theory of Computation (COT 5310)
* Analysis of Algorithms (COT 6405)