

Approved List #1 (AY 2023-2024)

1. ES_APPM 311 – Methods of Applied Mathematics
2. ES_APPM 346-0 – Modeling and Computation in Science and Engineering
3. ES_APPM 375-1 – Quantitative Biology I: Experiments, Data, Models, & Analysis
4. ES_APPM 411-1,2 – Differential Equations of Mathematical Physics \
5. ES_APPM 421-1 – Models in Applied Mathematics
6. ES_APPM 444-0 – High Performance Scientific Computing
7. ES_APPM 446-1 – Numerical Solution of Partial Differential Equations
8. COMP_SCI 349-0 – Machine Learning
9. ELEC_ENG 302-0 – Probabilistic Systems
10. ELEC_ENG 332-0 – Introduction to Computer Vision
11. ELEC_ENG 359-0 – Digital Signal Processing
12. ELEC_ENG 374 – Introduction to Digital Control
13. ELEC_ENG 418-0 – Advanced Digital Signal Processing
14. ELEC_ENG 433-0 – Statistical Pattern Recognition
15. ELEC_ENG 435-0 – Deep Learning: FAA
16. ELEC_ENG 475 – Machine Learning: FAA
17. ELEC_ENG 495-0 – Bioelectric Systems Modeling & Analysis
18. ELEC_ENG 495-0 – Optimization Techniques for Machine Learning & Deep Learning