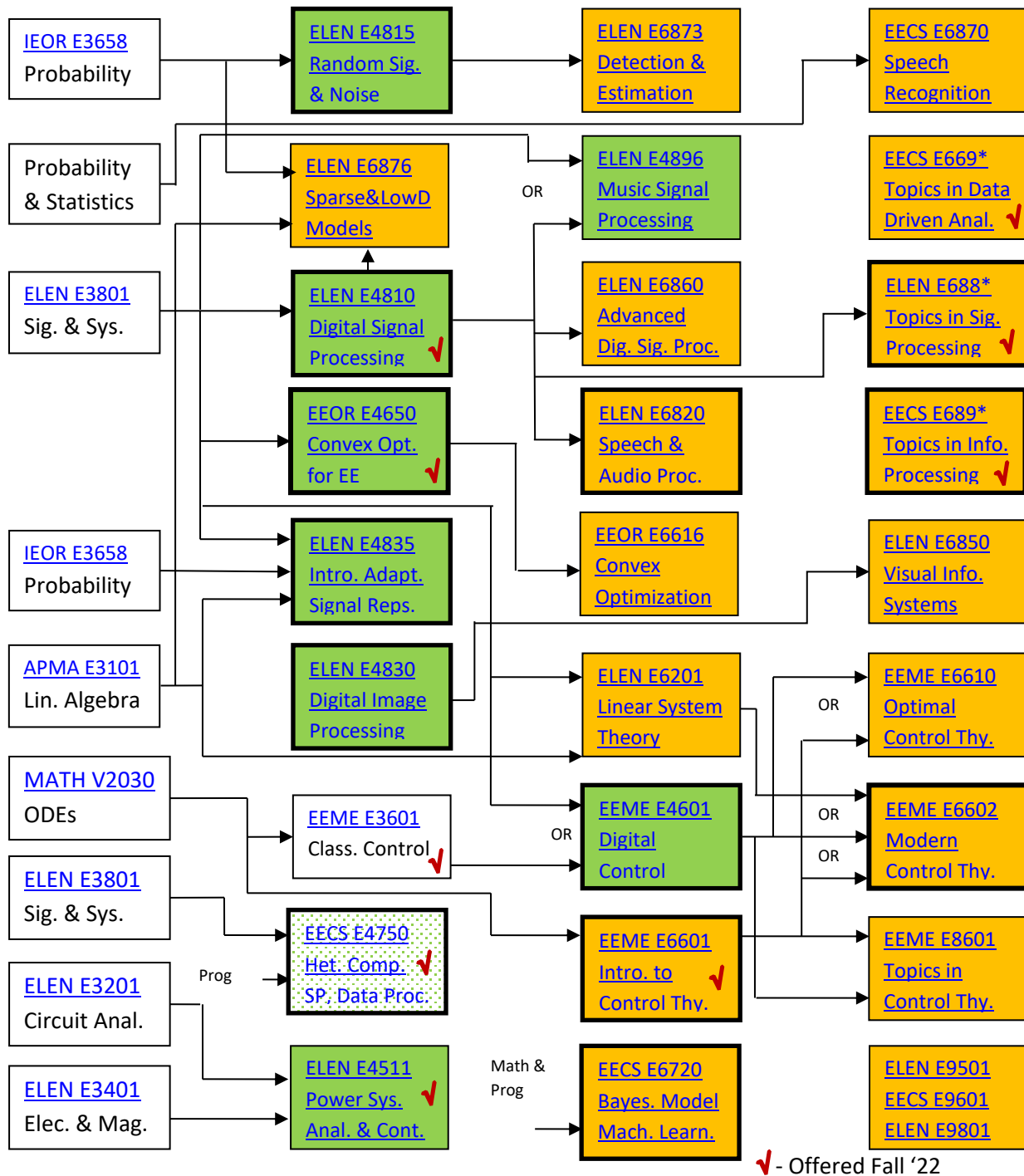


SIGNALS, INFORMATION, DATA, LEARNING & CONTROL  
(Senior/graduate & Advanced graduate courses in EE)



Green = Senior/grad; Orange = Advanced graduate; Bold border = offered regularly; **Updated July 2022**

**Recent topics for ELEN E688\*, EECS E689\*, EECS E669\*, & other related topics courses: (Red=Offered Spring '21)**

- ELEN E4903 Topic: Machine Learning (Spring '16)
- EECS E6690 Topic: Stat. Learning in Bio. & Info. Sys. (Fall '22 - '18, Spring '18)
- EECS E6691 Topic: Advanced Deep Learning (Spring '21)
- EECS E6699 Topic: Mathematics of Deep Learning (Spring '21, '19)
- ELEN E6880 Topic: Rand. Matrix Theory with Eng & Data Sci App (Fall '19, '18)
- ELEN E6880 Topic: MIMO Wireless Communication (Spring '14, '13, '12, '11)
- ELEN E6881 Topic: Multicarrier Resource Allocation (Fall '14)
- ELEN E6882 Topic: Visual Search Engine (Spring '12, '11)
- ELEN E6882 Topic: Mobile Sensing & Analysis (Spring '16, '15)
- ELEN E6883 Topic: Detection & Estimation (Fall '10, '09, '08, '06)
- ELEN E6883 Topic: An Intro to Blockchain Technology (Spring '21, '20, '19)
- ELEN E6884 Topic: Data Compression (Spring '14, '13, '12, '11)
- ELEN E6885 Topic: Reinforcement Learning (Fall '17- '22)
- ELEN E6886 Topic: Sparse Rep. / High Dim. Geom. (Spr '17, Fall '15, ..)
- ELEN E6887 Topic: Statistical Learning Theory (Spring '10, '09)

- ELEN E6888 Topic: Broadband Wireless (Spring '17, '10 - '16)
- ELEN E6889 Topic: Large-Scale Stream Proc. (Spr '21, '17, Fall '15, Spr '14, '10)
- EECS E6890 Topic: Visual Recognition and Search (Spring '14, '13)
- EECS E6891 Topic: Reproducing Computational Results (Spring '14, '13)
- EECS E6892 Topic: Bayesian Models in Machine Learning (Fall '15, Spring '14)
- EECS E6893 Topic: Big Data Analytics (Fall '22, '21, '17, '16, '15, '14)
- EECS E6894 Topic: Deep Learning for Comp. Vision & NLP (Fall '18, Spr '17, '15)
- EECS E6895 Topic: Adv. Big Data Analytics (Spring '21, '15- '20)
- EECS E6896 Topic: Quantum Computing and Comm. (Fall '22, '21, '17)
- EECS E6897 Topic: Distributed Storage Sys. For Big Data (Fall '21, '20, '19)
- EECS E6897 Topic: Cloud Data Infrastructure (Fall '22)
- EECS E6898 Topic: From Data to Solutions (Fall '17, '16, Spr '16, Fall '12- '14)