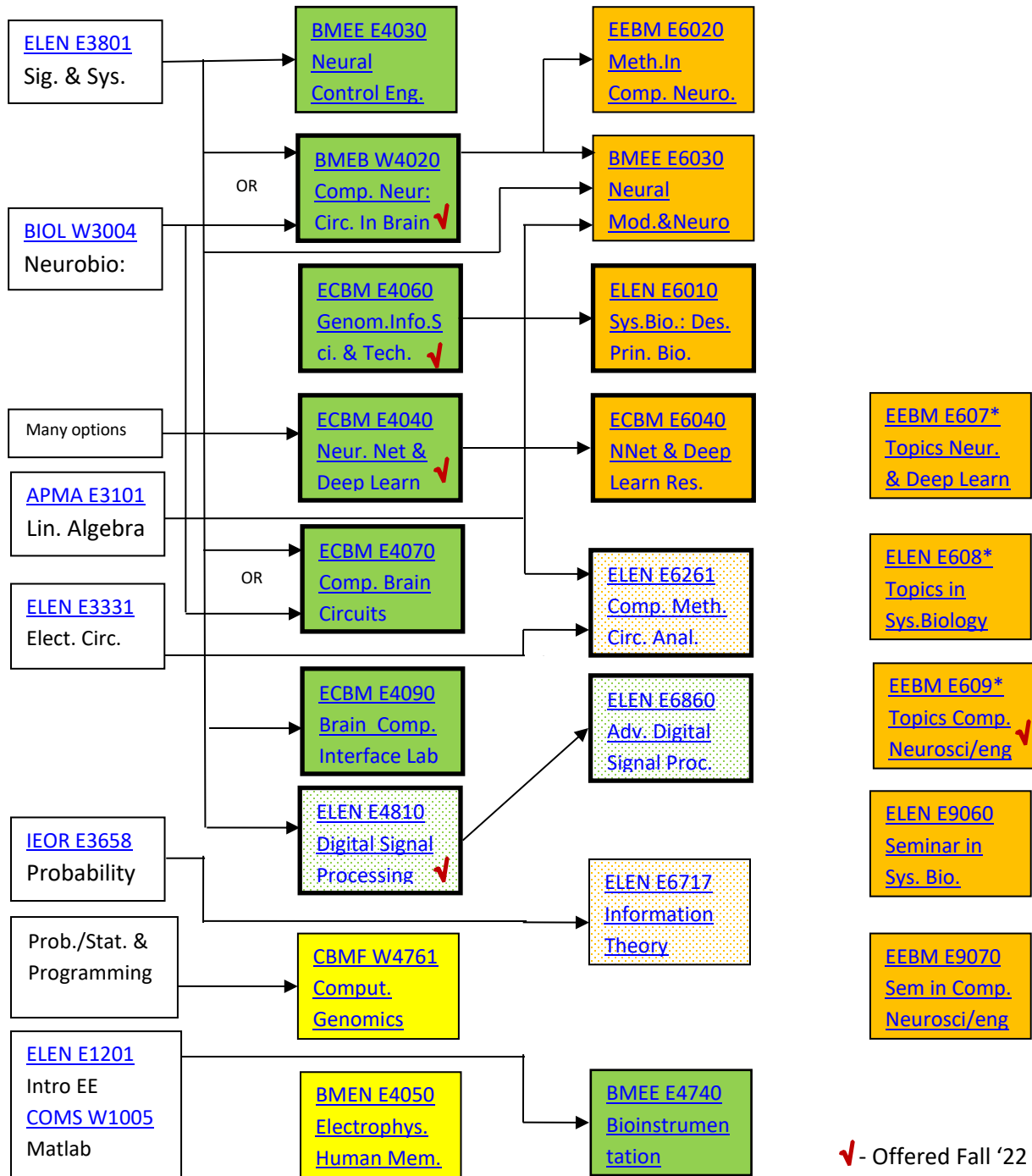


SYSTEMS BIOLOGY & NEUROENGINEERING

Senior/graduate & Advanced graduate courses (including courses outside EE)



Green = Senior/grad.; Orange = Advanced graduate; Dots = EE in related areas; Yellow = Other depts.;

Bold border = offered regularly; Updated July 2022

**Recent topics for ELEN E608\*, EECS E669\*:** (Red=Offered Fall '22)

- ELEN E6080 Topic: Methods of Signal Processing in Computational Neuroscience (Spring '06)
- ELEN E6081 Topic: Computational Methods for Biomolecular and Information Networks (Spring '06)
- ELEN E6082 Topic: Global Brain Modeling (Fall '07, Fall '06)
- ELEN E6083 Topic: Heavy Tails: The Origins & Implications for Large-scale Biological & Information Systems (Spring '07)
- ELEN E6084 Topic: Proteomic Biomarker Discovery from Analysis of Mass-spectroscopic Data (Fall '08)
- EECS E6690 Topic: Statistical Learning in Biological & Information Systems (Fall '20, '19, '18, Spring '18)

**Recent topics for EEBM E609\*:**

- EEBM E6090 Topic: Global Brain Modeling (Fall '08)
- EEBM E6090 Topic: Brain Comp. Interfaces (Fall '16)
- EEBM E6091 Topic: Neuromorphic Engineering (Spring '12)
- EEBM E6091 Topic: Dev & Analysis for Neural Circ (F '22, '21, '19, '18,)
- EEBM E6092 Topic: Big Data in Neurosci Eng (Spring '14)
- EEBM E6095 Topic: Computing with Brain Circuits (Spring '19)
- EEBM E6099 Topic: Brain Comp Interfaces (Fall '14, Spr '21, '11)