**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 AUG 2017

**Recent topics for ELEN E608***:
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)*

**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 E6092 Topic: Big Data in Neorosci Eng  *(Spring ’14)*
EEBM E6099 Topic: Brain Comp Interfaces  *(Fall ’14, Spr ’11)*
EEBM E6090 Topic: Sem in Comp. Neurosci/eng