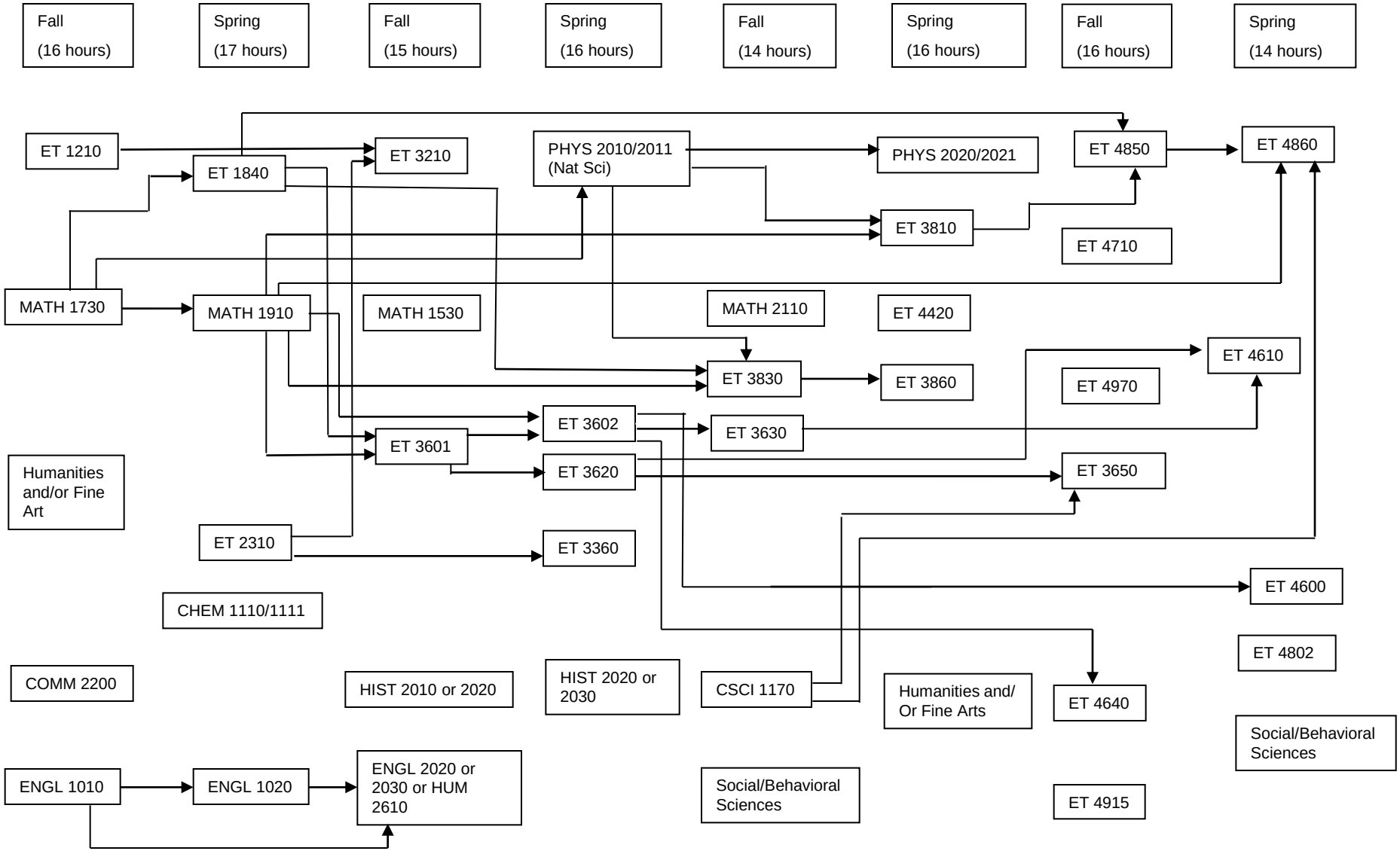Electro-Mechanical Engineering Technology