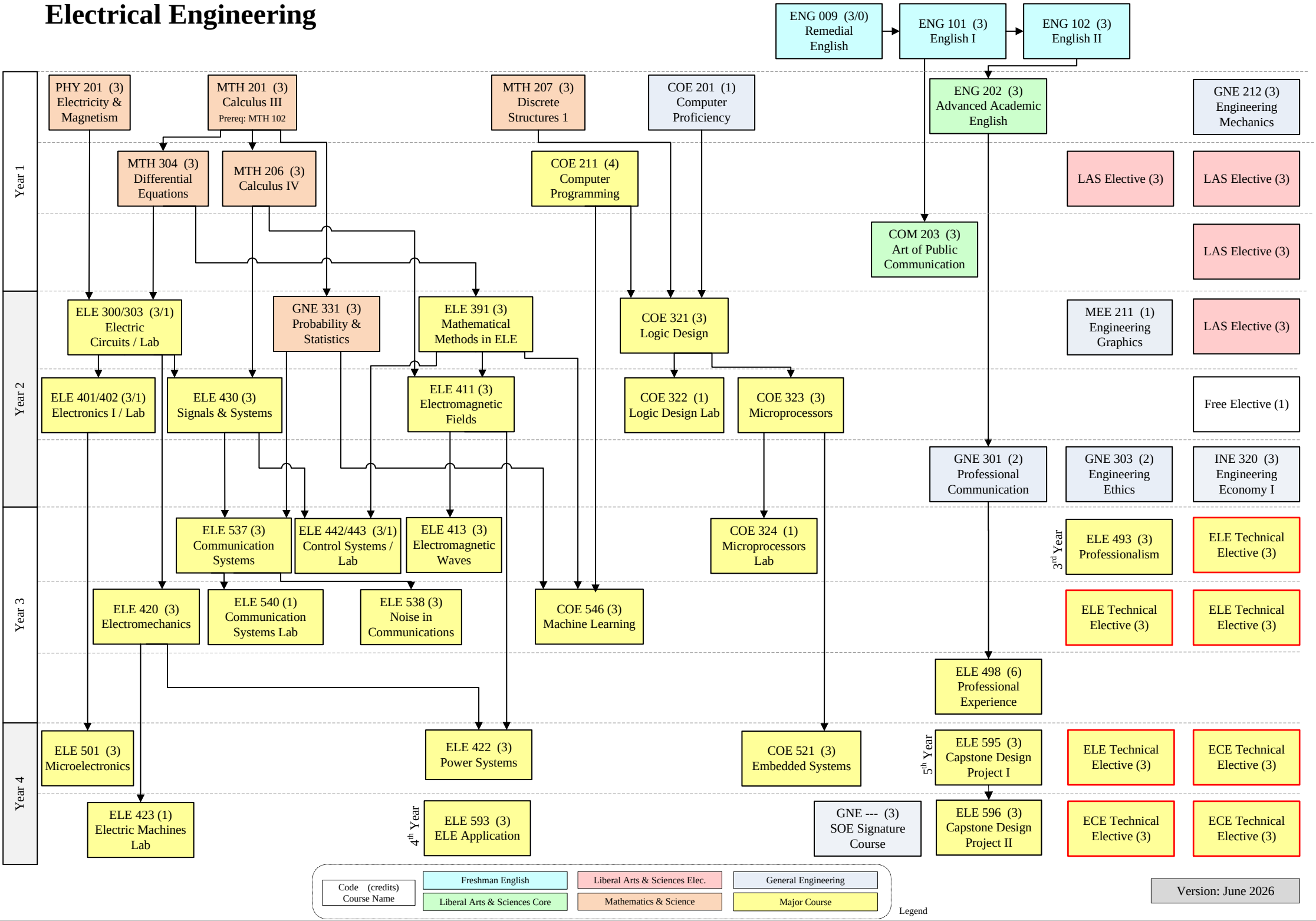Electrical Engineering