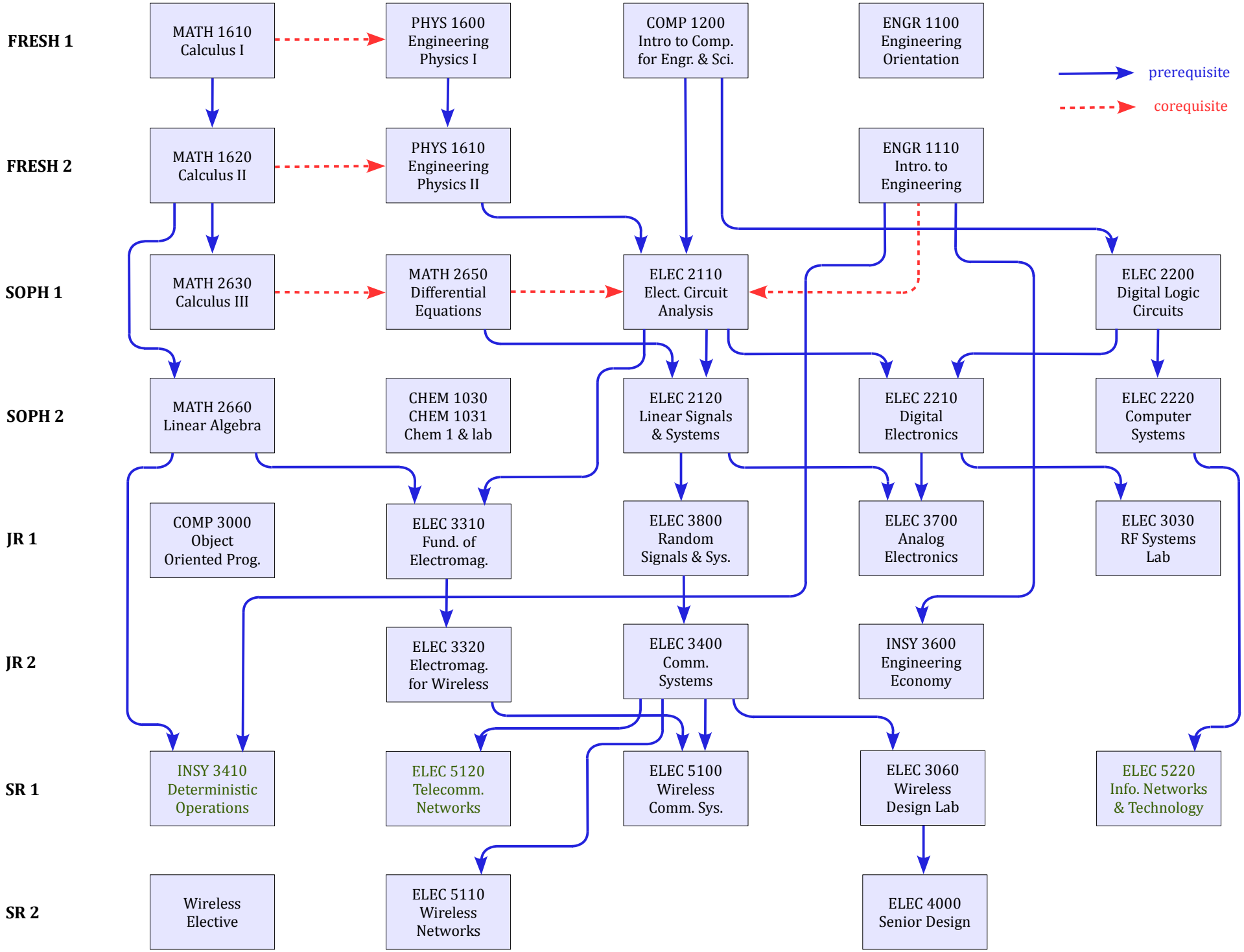WIRE (network) Prerequisite Structure