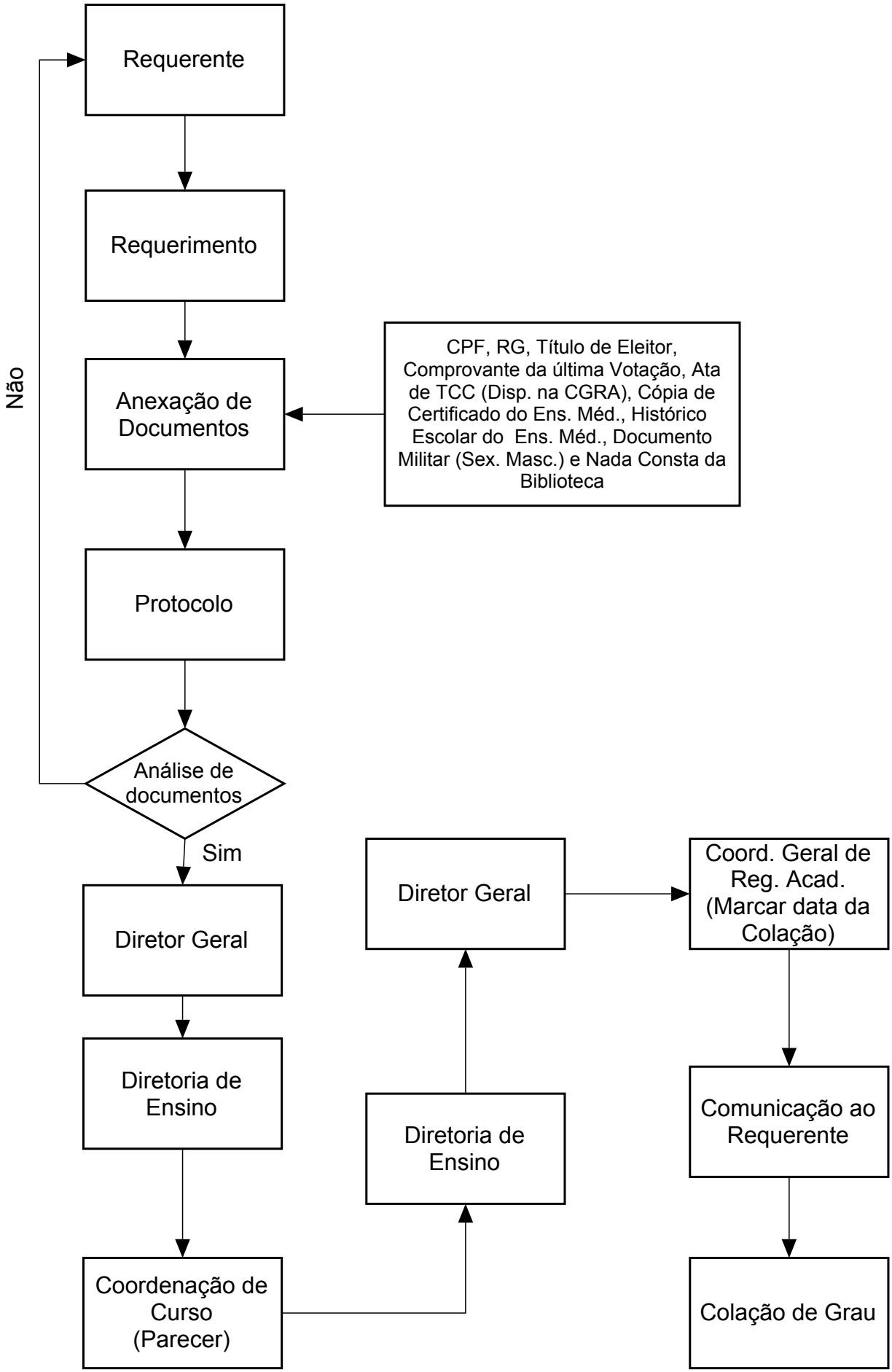Fluxo Colação de Grau