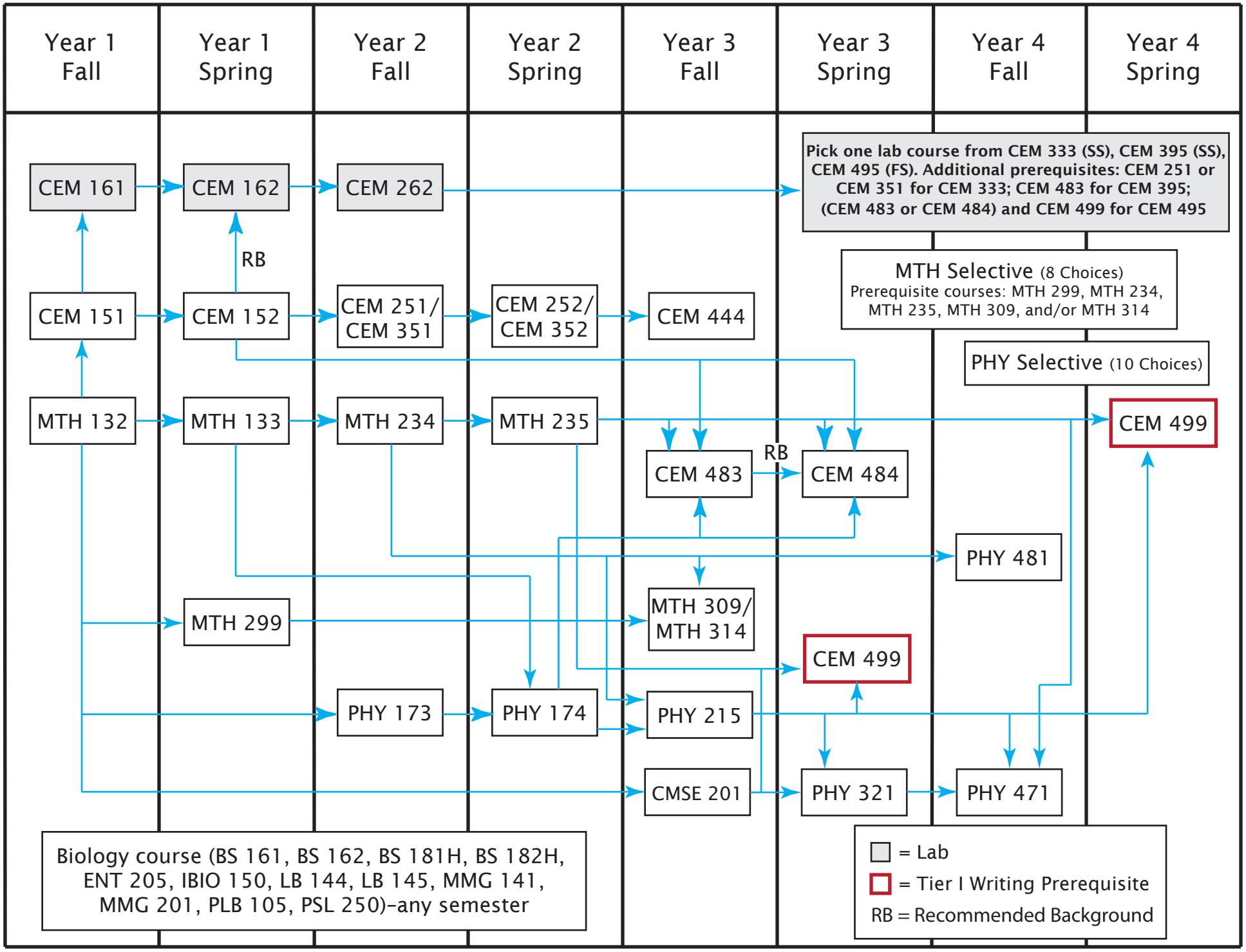BS Chemical Physics (2020)