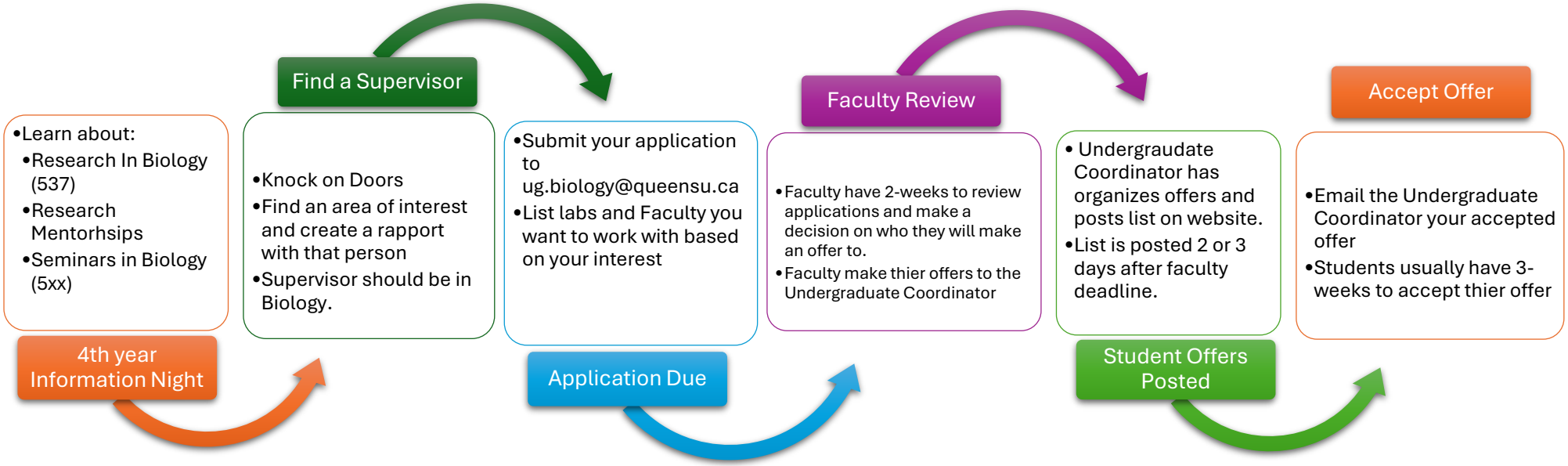BIOL 537 Process