Math 1143 or 1147 are required for Chem 1111 and Phys 1111. All courses with a white background are required. A total of 36 upper division credits are required for graduation. An additional 20 credits of electives must be taken. Courses with gray backgrounds are options for these elective credits. Chem 4407 is taught ALTERNATE springs. Chem 3365&3365 are taught ALTERNATE falls. Pharmacy options for this degree are no longer taught. Biol 2206 is allowed instead of Biol 2233 but it does not satisfy pre-reqs for all upper division biology classes.