



Math 1143 or 1147 are required for Chem 1111.
 Classes with a * are recommended rather than required.
 Chem 4407 is taught ALTERNATE springs.
 Chem 3311, 4481, and 4482 are research credits.
 A total of 3 credits of Chem 4481-4482 is required.
 A total of 36 upper division credits is required.