**BIOCHEMISTRY (BCMB) MAJOR - CHECKLIST**

**Science Prerequisites** (40 hr)

**Biology Physics**

BIOL 1107/L (4) PHYS 1211/L (4)

BIOL 1108/L (4) PHYS 1212/L (4)

**Chemistry Mathematics**

CHEM 1211/L or 1411/L(4) MATH 2250 (4)

CHEM 1212/L or 1412/L (4) MATH 2260 (4)

CHEM 2211/L (4)

CHEM 2212/L (4)

**Major Requirements** (40 hr)

***Major Courses (17-18 hr)***

**BCMB 4010**/H (Biochemistry I: F, S\*) (4)

**BCMB 4020**/H (Biochemistry II, S) (3)

**BCMB 4110** (Physical Biochemistry, F) (3)

**BCMB 4120**/H (Human Biochemistry I, F) (4)

 or **BCMB 3433** (Biology of Medicine, Cortona, Italy: Su) (4)

**BCMB 4200** (Biotechnology, S) (3)

 or **BCMB 4130/H** (Human Biochemistry II, S) (3/4)

***Major-Related Courses (11-12 hr)***

**GENE 3200**/H (Genetics, A) (4)

**CBIO 3400** (Cell Biology, A) (4)

**BCMB 3600** (Genomics and Bioinformatics, S) (3)

or **MIBO 3500** (Microbiology, A) (3)

 or **CBIO 3600** (Developmental Biology, Su, F) (4)

 or **CBIO 4100** (Immunology, F, S) (3)

***Independent Researc*h *(8 hr)***

**BCMB 4960**L/H (Independent Research I, A) (4)

**BCMB 4970**L/H (Independent Research II, A) (4)

***or***

**BCMB 4965**L/H (VIP team-based research, 1-2 hr/semester)

***Elective (1-3 hr)***

Any upper division course (3000/4000 level)

\*F, Fall; S, Spring; Su, Summer; A, Anytime (including Summer)