

## Biochemistry Emphasis Graduating Under Old Catalog (Prior to Fall 2016)

Required Courses		Possible Substitutions
CHM 115	4	_____
CHM 116	5	_____
CHM 222	3	_____ (may substitute CHM 221)
CHM 225	3	_____ (may substitute CHM 325)
CHM 245	4	_____ (see note below)
CHM 246	1	_____ (see note below)
CHM 247	3	_____ (see note below)
CHM 248	1	_____ (see note below)
CHM 351	3	_____ (may substitute CHM 356 and CHM 358)
CHM 352	1	_____ (may substitute CHM 353 or CHM 355 or CHM 455)
CHM 461	4	_____
CHM 462	3	_____
CHM 463	3	_____
CHM 391	1	_____
CHM 491	1	_____

### Cognates:

BIO 120	4	_____
BIO 375	3	_____ (see note below)
BIO 376	1	_____
MTH 201	4	_____
PHY 220	5	_____ (may substitute PHY 230)
PHY 221	5	_____ (may substitute PHY 231)

### Choose 10 credits from the following:

BIO 357	4	_____
BIO 416	2	_____
BIO 423	3	_____
BIO 432	4	_____
BMS 212 and 213	4	_____
BMS 290 and 291	4	_____
BMS 312 and 313	4	_____
BMS 422 and 423	5	_____
CHM 490	1-4	_____
CHM 499	1-5	_____
CMB 405	4	_____
CMB 406	2	_____
CMB 414	3	_____
CMB 426	3	_____

Or any course from the  
elective list under the new catalog

Students who transfer or change majors may make these substitutions with advisor approval:

- CHM 241 may replace CHM 245 and 246
- CHM 242 may replace CHM 247 and 248
- BIO 355 may replace BIO 375