Geneseo Curriculum Map for: B.S. in Biochemistry

Program Learning Outcomes (one per row):	These courses introduce material necessary for outcome achievement. (e.g,. PSYC 100)	These courses reinforce material necessary for outcome achievement.	These courses provide coverage necessary for mastery of the outcome.
1) Demonstrate a broad-based knowledge and comprehension of the salient properties and functions of the main classes of biomolecules required to sustain life, as well as the central metabolic, regulatory and bioenergetic pathways required for the viability of biological cells.	BIOL 117 BIOL 119 CHEM 116 CHEM 118	BIOL 222 BIOL 327 CHEM 211 BIOL 361 CHEM 213 BIOL 364 BIOL 306 BIOL 375	BIOL 300 BIOL 354 BIOL 322 CHEM 315 CHEM 302 CHEM 318 CHEM 304 CHEM 322 CHEM 324 CHEM 329 BIOL 304 CHEM 330 BIOL 330 CHEM 334 BIOL 334
2) Demonstrate a basic understanding of the laboratory techniques used in biochemistry and related areas.	BIOL 116 CHEM 119	CHEM 216 BIOL 250 BIOL 216 BIOL 361 BIOL 223 BIOL 364 BIOL 230 BIOL 378	BIOL 301 CHEM 301 BIOL 330 CHEM 313 BIOL 340 CHEM 331 BIOL 354 CHEM 340 BIOL 390 CHEM 341 BIOL 391 CHEM 342 BIOL 392 CHEM 361 BIOL 394 CHEM 393 BIOL 399 CHEM 399
3) Display an ability to effectively communicate (both written and orally) important biochemical concepts and methods.	BIOL 116 CHEM 119	BIOL 216 BIOL 223 BIOL 230	BIOL 385 BIOL 393 BIOL 330 CHEM 385 BIOL 354 CHEM 393
4) Be able to understand and interpret key biochemical research data from the primary literature.			BIOL 385 CHEM 385 BIOL 322 BIOL 334