Sample Roadmap for GE Certified Transfer Students who have taken General chemistry, calculus, and physics and a year of organic chemistry (lecture and lab)
in the Bachelor of Science Degree in BIOCHEMISTRY (Total 120 Units)

|  | Fall | Spring | Total Units |
| :---: | :---: | :---: | :---: |
| Year 1 | CHEM 3200 (4) Organic Chem. | CHEM 3100 (3) ${ }^{\text {d }}$ Writing |  |
|  | CHEM 2300 (2) Intro. Biomol. | CHEM 3500 (4) Quant. Analysis |  |
|  | CHEM 3600 (4) Inorg. Chem. | CHEM 4420 (3) Physical Chem. |  |
|  | UD GE Block C or D (3) | UD GE Block C or D (3) |  |
|  | WPE (0) |  |  |
|  | Total 13 Units | Total 13 Units | 26 |
|  |  |  |  |
| Year 2 | CHEM 4310 (3) Biochem. I | CHEM 4320 (3) Biochem. II |  |
|  | CHEM 4311 (2) Biochem. Lab | CHEM 4321 (2) Biochem. lab |  |
|  | CHEM UD elective (4) ${ }^{\text {f }}$ | CHEM 4890 (3) ${ }^{\text {e,5 }}$ Capstone |  |
|  |  | CHEM UD elective (3) ${ }^{\text {f }}$ |  |
|  |  |  |  |
|  |  |  |  |
|  | Total 9 Units | Total 11 Units | 20 |
|  |  |  |  |
|  |  |  |  |
|  | GRAND TOTAL |  | 46 |

Revised date: 9/28/15
NOTE: a summary of what courses are prerequisites to others is found in a separate document
d. Satisfactory completion of GWAR is a pre-requisite. This course must be taken before CHEM 4311 and CHEM 4890
e. Prerequisites: A passing grade on the GWAR, completion of Blocks A and B4, an additional course from Block B, and at least one course each from blocks C and D, and CHEM 3100
f. Students must take a minimum of 2 units of coursework listed under Chemistry and a minimum of 2 units of coursework listed under Biology and Microbiology totaling 7 units which may include a maximum of 1 unit of CHEM 499.
g. GE "double counting": This roadmap already incorporates double counting, so if you follow this roadmap, you won't be taking unnecessary general education courses. CHEM 4890 is required and satisfies your UD GE B requirement, saving you 3 more units of UD GE coursework.
Additional GE requirements: One GE course must have an "re" designation (race/ethnicity) and another GE course must have either an "re" or "d" (diversity) designation. One GE course must have a "wi" designation. Note that some GE courses may have more than one designation (such as cl and d) and that course CAN be used to satisfy both requirements

