

Summary of UB Curriculum (General Education) Requirements for Computer Science

Students entering UB Fall 2016-Spring 2017

Some required UB Curriculum courses are automatically fulfilled for computer science majors by completion of their required courses. To review the [UB Curriculum](#) in its totality, please see [the University Undergraduate Catalog](#). The remaining UB Curriculum requirements that students completing a computer science degree need to fulfill are outlined below with links to the current class schedule pages where you will find possible course offerings/class descriptions.

<p>UB Seminar Transfer students entering UB with 45 or more credits earned at a US institution will enroll in the one-credit UB Seminar (EAS 198). First year computer science majors will take CSE 199 or equivalent UB Seminar.</p>	3 or 1 credits
<p>Communication Literacy 1 – ENG 105 *Students with an SAT Reading score ≥ 610 or an ACT English score ≥ 27 are considered to have met this requirement.* *Students who earn an AP English Language and Composition score of 4 or 5 will receive articulated exam credit for ENG 105.*</p>	4 credits
<p>Communication Literacy 2 – EAS 360 EAS 360, STEM Communication, is a requirement for all SEAS Majors as well as a UB Curriculum Requirement.</p>	3 credits
<p>Math and Quantitative Reasoning (MQR) Computer Science BS students satisfy this requirement with MTH 141. Computer Science BA students may use MTH 141 or MTH 121.</p>	4 credits
<p>Scientific Literacy and Inquiry Sequence Students must complete at least 7 credits, including one semester of laboratory. The lab must be from the same subject area as one of the completed lecture courses. Recommended lecture courses include: GEO 101, GEO 104, GEO 106, GLY 101, GLY 102, GLY 103, NTR 108, NTR 109, BIO 129, BIO 130, PHY 121. Labs include: GEO 105, GLY 105, NTR 110, BIO 129, BIO 130. A full list of combinations is available in the Undergraduate Catalog.</p>	7 credits
<p>Diversity Learning Requirement Students are required to take at least one three-credit course focusing on domestic diversity. Computer Science majors may incorporate a diversity course into either the Global or Thematic Pathway.</p>	
<p>Thematic and Global Pathways Computer Science majors may select Thematic and Global Pathways that align with their major. For more information, see Pathways for Engineering and Computer Science Students.</p>	18 credits total; 12 credits outside of the major.
<p>UB Capstone – UBC 399 The Capstone is the culminating experience of the UB Curriculum program.</p>	1 credit