**Graduation Requirements:**

* All students must successfully complete all CORE courses (30 + 1 credits). This includes
  + 6 credit Capstone requirements (CS395 and CS390 or CS396). Students must complete either the CS390 Capstone Practicum or CS396 Capstone-Thesis Writing, but not both.
  + 1 credit AUA environmental requirement, by passing for a grade any course pre-approved by the Program Chair which fulfills the requirement.
* All students must choose one of two concentrations: **Computer Science (CS)** or **Data Science (DS)**.
  + Students choosing the **CS Concentration** must successfully complete 12 credits from the Computer Science Concentration (outside of the CORE)
  + Students choosing the **DS Concentration** must successfully complete 12 credits from the Data Science Concentration (outside of the CORE)
* Students must successfully complete 6 credits of **Free Elective** courses. Students who wish to register for electives not listed must get prior approval from the Program Chair.
* A student must complete at least 48 credits and 1 credit AUA environmental requirement for graduation, and all courses must be taken on a letter grade basis. A grade of at least C- on each course and a cumulative grade-point average of 3.0 or higher is required for graduation.
* Students should be aware of the Preparatory undergraduate coursework needed for their CIS graduate courses.
  + Students with a BS CS degree (or similar) from an accredited degree-granting institution may choose to waive the Preparatory courses by writing exams for each course. Maximum 2 attempts will be allowed for each of the 6 courses.
  + Students with no BS CS degree will be required to complete the Preparatory courses.
* Students with a BS CS degree from AUA may apply to waive a maximum of 4 upper level undergraduate courses (12 graduate credits) with a grade of at least C-, taken during their Bachelor’s degree, toward the requirements of the MS CIS program. The 4 courses that can be waived must get prior approval from the Program Chair.