8.10.3 Programme Requirements

The programme structure comprises the modules and requirements of both the B.Comp. in Computer Science, and the Scientiae Magister in Computer Science programmes.

1. **B.Comp. (CS) Programme Requirement**

   The details of B.Comp. (CS) requirements (including the two special programmes in Computer Science) can be found at: [http://www.comp.nus.edu.sg/undergraduates](http://www.comp.nus.edu.sg/undergraduates).

2. **Scientiae Magister in Computer Science Degree Structure**

   The programme requirements consist of a basic component and an advanced component:

   **Basic component (six courses):**
   
   1. Two must be CS courses that form a coherent major,
   2. One must be a CS course that complements the major., and
   3. Three additional courses must be in CS or related areas.

   Here, “coherent” refers to a pair of intimately related courses (e.g., a sequence, or same subject matter) whereas “complementary” indicates a less strong relatedness, but still a meaningful pairings. Such relations are dynamic and sanctioned by the department: the current version is clearly spelled out in the table Sample Curricula for the Sc.M. degree (from the Master's programme website).


   Finally, of these courses, at least two must be at the level-200(advanced graduate) offered by the Department of Computer Science, other than reading and research.

   **Advanced component (two courses):**
   
   A student must choose one of the following three options:
   
   1. A research thesis (typically, involving two semesters of reading and research) directed by an advisor.
   2. A project, involving either a software implementation (typically, involving two semesters of reading and research under an advisor).
   3. Two additional 200-level courses in CS or related areas.