MODULE FRAMEWORK: HONOURS IN COMPUTER SCIENCE

COORDINATOR: CORNELIA P. INGGS
STELLENBOSCH UNIVERSITY, 2022

Subject number	18139
Module code	797
Credits	128
Module Name	BScHons Computer Science
Honours coordinator	Cornelia P Inggs, *cinggs@sun.ac.za*

1   REGISTRATION

The registration form send to you should be completed and send to the secretary before the Honours orientation meeting. When completing the form, note that **Programme Degree** should be: Honours in CS and **Subject module** should be:

- 18139-797 Honours Programme in Computer Science and

- 63444-771 Honours Project

Registration of the six elective modules will take place after our first meeting where an overview of the modules will be provided and the module selection process will be explained. To register for the Data Science stream contact Prof Kroon.

2   EXPECTATIONS

Students are expected to devote at least 12 hours per week per module, including lectures. The rest of the time should be devoted to the year project.

3   ASSESSMENT POLICY

To successfully complete the degree, a student must pass the project as well as the six elective modules or equivalent alternatives (i.e., the cummulative number of credits for Honours in CS is 128). The final mark for 18139-797 Honours in Computer Science is calculated as the average of the six modules passed and the project, weighted according to their credits. If a student is allowed to offer extra modules, the module average shall be calculated over the six best modules.

Each module is evaluated using the University's flexible assessment rules. Typically there are a number of practical assignments with an optional test at the end. To pass a module a student must earn a mark of at least 50%. See the project framework for detailed information about the project assessment. Students may register for a maximum of two years. If, after two years a student has not passed the project and six elective modules, the student fails the degree.

4 PLAGIARISM POLICY

The Stellenbosch University Policy on Plagiarism, available on my.sun.ac.za under "Policies, procedures, and forms", defines plagiarism as "the use of the ideas or material of others without acknowledgement...".

4.1 Procedure

Less serious cases will be handled departmentally by following the Faculty of Engineering plagiarism procedure (until further notice that the Faculty of Science plagiarism procedure has been finalised). More serious cases will be referred to the Central Disciplinary Committee, in accordance with the SU Policy on Plagiarism. If there are instances of copying, all parties involved will be subject to the disciplinary procedures and applicable sanctions.

4.2 Citations

1. You must cite your sources for all handins. In reports they should be included as citations and appear in the Bibliography and in your source code they should be included as comments. Enough detail should be provided for the lecturer or moderator to check without trouble.

2. **Note**, however, that when you use sources, such as articles, books, or webpages to gather information, you can use them to help you understand the topic at hand, but:

   - you may never copy ideas, solutions, or text from another source in your own report.
   - you may use the knowledge you've gained to solve your own problem, write your own report, or implement your own program.
   - when you present someone else's solution to a problem given to you as an assignment, even when you've made some changes to the solution, it is not yours and you cannot earn any marks for it.

4.3 Collaboration

You may discuss ideas and strategies with fellow students away from the computer, but while coding, you should work alone. In general:

- Never copy-and-paste code into your source file.

- Do not program or debug together on the same computer.

- Stay away from public repositories.

- Prefer pseudocode explanations to coded examples.

- Do something mindless for at least 10 minutes after having discussed work with fellow students.

4.4 Declaration

You have to include a signed copy of the Plagiarism Declaration with every submission (available as a PDF document on SunLearn).

5 COORDINATORS

- Honours programme coordinator: Dr. Cornelia P. Inggs

- Honours project coordinator: Mr. Willem Bester

- For queries about the Data Science stream, please contact Prof. Steve Kroon.