



BSc IT HONOURS 2020

1. COMPULSORY SESSIONS FOR ALL PROSPECTIVE HONOURS STUDENTS

A. Information session

A compulsory information session will be held during the week before classes start in February 2020. Details will be provided as soon as the UFS Calendar for 2020 has been announced.

- All relevant information about the degree will be provided during this session to assist the students with their module choices and registration. Each lecturer will present a brief overview of his/her module.
- DO NOT MISS THIS SESSION!!!

B. Honours orientation workshops

Orientation workshops for our Honours students will be held in the days following the Information Session, in the week before the classes commence. The details of these workshops will be provided later in the year.

- Please make arrangements with your employer well in time to attend.
- A light lunch will be provided during each of the workshop days.
- These sessions are **compulsory** for all new Honours students. If you intend to do your Honours project in 2020 and have already attended 2019's workshops, you are still strongly advised to attend these workshops to assist you with your project.

2. DEGREE CODES

- BSc Honours (Computer Science and Informatics) = BC460022
- BSc Honours (Data Science) = BC460095
- BCIS Honours = BC460156



3. ADMISSION REQUIREMENTS

- BSc IT degree:
 - Minimum of 60% average for the four UFS (or closely related) 3rd year IT-modules
(UFS: Database Design, Internet Programming, Networks, Software Engineering).
- BSc IT (Data Science) degree:
 - Minimum of 60% average for the five UFS (or closely related) 3rd year IT-modules
(UFS: Database Design, Internet Programming, Networks, Software Engineering and Data Science)
- BCIS (Bachelor of Computer Information Systems) degree:
 - Minimum of 60% average for at least six Business Management-related modules. Must have passed Business Management modules up to NQF-level 7
 - Minimum of 60% average for the four UFS (or closely related) 3rd year BCIS and IT-modules
(UFS: Database Design, Information Systems in Organisations, Networks and Software Engineering)

4. DURATION OF STUDIES

- 7 modules plus project year module = Honours Degree
- Choice of 1 year (full time) or 2 years (part-time)

One year:

- 4 modules 1st semester & 3 modules 2nd semester & Project module
 - OR
- 3 modules 1st semester & 4 modules 2nd semester & Project module

Two years

- Spread the 7 modules over 2 years. Project must be completed in 1 year.



5. MODULES

- BSc Honours (Computer Science and Informatics) degree:
 - Compulsory:
 - CSIS6809: Honours Project (36 credit year module)
 - CSIS6813: Introduction to Research.
 - Electives
 - See modules on page 4.
- BSc Honours (Data Science) degree:
 - Compulsory
 - CSIS6809: Honours Data Science Project (36 credit year module)
 - CSIS6813: Introduction to Research
 - CSID6853: Data Warehousing
 - CSID6873: Data Science (Available from 2021)
 - CSID6823: Business Intelligence
 - CSIC6863: SAS Programming AND/OR STSD6823: Big Data
 - Electives
 - One/two of the remaining modules.
- BCIS Honours degree:
 - Compulsory
 - BCIS6809: Honours CIS Project (36 credit year module)
 - CSIS6813: Introduction to Research
 - CSIE6863: IT Project Management
 - EVEN6814: Venture Creation
 - ECOM6824: Contemporary Digital Marketing
 - Electives
 - CSII6833: Human-Computer Interaction
 - CSII6813: Information Security
 - CSII6883: Digital Forensic Science
 - CSID6853: Data Warehousing
 - CSID6823: Business Intelligence
 - CSIC6863: SAS Programming
 - CSID6843: Advanced Databases



6. HONOURS MODULES 2020

For BSc Honours, a maximum of 2 **approved** related Honours modules may be taken from other departments within the Faculty of Natural and Agricultural Sciences.

It is, however, the student's own responsibility to make sure that these modules fit into our department's timetable. No changes to the timetable will be made from our side to accommodate other departments' modules.

1st Semester 2020

MODULE	DESCRIPTION	LECTURER
CSII6833	Human-Computer Interaction	Dr Lizette de Wet
CSII6813	Information Security	Dr Wynand Nel
CSID6853	Data Warehousing	Dr Eduan Kotzé
CSIP6853	Advanced Programming I (Mobile)	Dr Andries Burger
CSIS6813	Introduction to Research	Prof Pieter Blignaut
CSIP6833	Advanced Web Development	Prof Liezel Nel

2nd Semester 2020

MODULE	DESCRIPTION	LECTURER
CSID6823	Business Intelligence	Dr Eduan Kotzé
CSID6843	Advanced Databases	Prof Tanya Stott
CSII6883	Forensics	Dr Wynand Nel
CSIC6863	SAS Programming (Capita Selecta)	Mr Leon Grobbelaar (CUT)
CSIE6863	Project Management	Mr Jaco Pieterse
CSIN6843	Advanced Networks	Prof Paul Kogeda



7. CLASS TIMES – 1ST SEMESTER 2020

Will still be finalised.

8. TEXTBOOKS 1ST SEMESTER 2020

Will still be finalised.

9. CONTACT SESSIONS

Contact sessions are compulsory and generally take place weekdays between 17:10 and 19:00. In some cases it might continue until 21:00. Depending on the modules presented, a module could also be presented between 07:00 and 08:00 in the mornings.

In 2020 the Data Warehousing module will be presented on Tuesday afternoons from 14:30 – 16:30. If that is not possible for you, arrange your modules in such a way that you enrol for Data Warehousing in 2021, when it will switch time slots with Information Security and will again be presented at 17:10. This arrangement, however, is still subject to change.

Your lecturers will specify the venue for each module.

10. COMMUNICATION

Email: DWetL@ufs.ac.za

Blackboard: for CSIS6809

Facebook: UFS CSI Post-grad

Twitter: <http://twitter.com/ufscsi>

@UFSCSI

(UFS CSI Post-grad).



11. APPLYING FOR HONOURS

- Current UFS students:
 - DV3 form to be signed by Dr de Wet *or* online application via UFS website (closing date 30 November)
 - Conditional acceptance, depending on final results:
 - 60% average:
 - ✚ across all 4 final year IT modules for BSc Honours (Computer Science & Informatics), *or*
 - ✚ across all 5 final year modules for BSc Honours (Data Science), *or*
 - ✚ across all 4 final year BCIS and IT-modules for BCIS Honours.
 - Degree must have been obtained.
- New applicants:
 - Online application via UFS website (closing date 30 November).

12. REGISTRATION IN 2020

Registration can be finalised during the week after the Honours information session in February 2020.

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