



Department of Computer Science & Informatics
Honours 2018

1. Compulsory sessions for all prospective Honours students

A. Information session

An information session will be held during the week before classes commence:

Date: Monday 12 February 2018
Time: 17:10
Venue: WWG223.

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

B. Honours orientation sessions

Orientation sessions for our Honours students will be held in the days following the information session. These sessions will take place on:

13-16 February (Tuesday to Friday) 2018 from 08:30 – 17:00 each day in our department.

- Please make arrangements with your employer well in time to attend.
- A light lunch will be provided during each of these 4 days.
- These sessions are compulsory to all new Honours students. If you intend to do you project in 2018 and have already attended last year's workshops, you are still strongly advised to attend these 4 days to assist you with your project.

2. Admission requirements

- IT-degree
- 60% average for the four UFS (or closely related) 3rd year IT-modules (UFS: Database Design, Internet Programming, Networks, Software Engineering)



3. Degree Codes

- B.Sc. Honours (IT) = BC460022 (Previous code: 45022)
- B.Com. Honours = 6500

4. Duration of studies

- 7 modules plus project year module = Honours Degree
- Choice of 1 or 2 years
- 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 above over 2 years. Project must be completed in 1 year

5. Modules

- Compulsory:
 - CSIS6809: Project (36 credit year module)
 - CSIS6813: Introduction to Research

6. Honours Modules 2018

A maximum of 2 **approved** related Honours modules may be taken from other departments. It is, however, the student's own responsibility to make sure that these modules fit into our timetable. No changes to the timetable will be made from our side to accommodate other departments' modules.



1st Semester 2018

MODULE	DESCRIPTION	LECTURER
CSII6833	Human-Computer Interaction	Dr Lizette de Wet
CSII6813	Information Security	Mr Wynand Nel
CSIP6853	Advanced Programming I (Mobile)	Dr Andries Burger
CSIS6813	Introduction to Research	Prof Pieter Blignaut
CSIC6853	Game Development (Capita Selecta)	Prof Liezel Nel
CSID6853	Data Warehousing	Dr Kotzé
CSIM6813	Theory of Algorithms	Dr Anelize van Biljon

2nd Semester 2018

MODULE	DESCRIPTION	LECTURER
CSID6823	Business Intelligence	Dr Eduan Kotzé
CSID6843	Advanced Databases (Oracle)	Prof Tanya Stott
CSII6883	Forensics	Mr Wynand Nel
CSIC6863	SAS Programming (Capita Selecta)	Mr Leon Grobbelaar (CUT)
CSIC6823	Artificial Intelligence	Dr Anelize van Biljon
CSIE6863	Project Management	To be confirmed



7. Class Times – 1st Semester 2018

MODULE	1 st SEMESTER 2017	LECTURER	Day & Time
CSII6833	Human-Computer Interaction	Dr de Wet	Monday 17:10 – 19:00
CSID6853	Data Warehousing	Dr Kotzé	Tuesday 14:30 – 16:30
CSII6813	Information Security	Mr Nel	Tuesday 17:10 – 19:00
CSIP6853	Advanced Programming I (Mobile)	Dr Burger	Wednesday (Class 1) 07:00 – 08:00 Thursday (Class 2) 07:00 – 08:00
CSIS6813	Introduction to Research	Prof Blignaut	Wednesday 17:10 – 19:00
CSIC6853	Game Development (Capita Selecta)	Prof Nel	Thursday 17:10 – 19:00
CSIM6823	Theory of Algorithms	Dr Van Biljon	Will be arranged with lecturer

8. Textbooks 1st Semester 2018

MODULE	1 st SEMESTER 2017	LECTURER	TEXTBOOK
CSII6833	Human-Computer Interaction	Dr de Wet	Measuring the User Experience 2 nd Edition Authors: Tom Tullis & Bill Albert. Morgan Kauffman (2013) ISBN: 9780124157811
CSID6853	Data Warehousing	Dr Kotzé	Data Warehousing Fundamentals for IT Professionals 2nd edition Ponniah, P. 2010 John Wiley & Sons.
CSII6813	Information Security	Mr Nel	ELK93-027_rev1.0_CompTIA Security+ (Exam SY0-501) (Van Schaiks)
CSIP6853	Advanced Programming I (Mobile)	Dr Burger	Notes will be provided
CSIS6813	Introduction to Research	Prof Blignaut	Maree, K. First Steps in Research. ISBN: 978 0 627 03369 8
CSIC6853	Game Development (Capita Selecta)	Prof Nel	Notes will be provided
CSIM6823	Theory of Algorithms	Dr Van Biljon	Information will be provided to individual students



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 2018 the Data Warehousing module will be presented on Tuesday afternoons at 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 2019, when it will switch time slots with Information Security and will again be presented at 17:10. Your lecturers will specify the venue for each module.

10. **Communication**

Email: DWetL@ufs.ac.za

Blackboard: for CSIS6808

Facebook: UFS CSI Post-grad

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

@UFSCSI

(UFS CSI Post-grad)

11. **Applying for Honours**

- Current UFS students
 - DV3 form (closing date 30 November)
 - Conditional acceptance, depending on final results (60% average across all 4 IT modules on final year level and degree must have been obtained)
 - To be signed by Dr De Wet.
- New applicants: DV1 form (closing date 30 September)
 - Submit via UFS Administration

12. **Registration in 2018**

Can be finalised during the week after the Honours information session in February 2018.

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