Department of Computer Science & Informatics
Honours 2017

1.   Compulsory sessions for all prospective Honours students

A. Information session:
An information session will be held during the week before classes commence, specifically on:

Monday 30 January 2017 at 17:10 in WWG223.

- All relevant information about the degree will be provided to assist the students with their choices and registration.

- 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. It will take place on:

Tuesday to Friday
31 January 2017, 1 February 2017 - 3 February 2017
08:30 – 17:00 each day
In our department.

Presenters:

- Tuesday morning: OO and DS (Prof Pieter Blignaut)
- Tuesday afternoon: DBs and SQL (Prof Tanya Stott)
- Wednesday morning: Patterns (Dr Eduan Kotzé)
- Wednesday afternoon until Friday afternoon: Problem solving (Mr Jean-Pierre du Plessis).

- 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, as well as those students who intend to enrol for the Advanced Programming II module in the 2nd semester. If you intend to do you project in 2017 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:
  - o 4 modules 1st semester & 3 modules 2nd semester & Project module
    - OR
  - o 3 modules 1st semester & 4 modules 2nd semester & Project module

- Two years
  - o Spread above over 2 years. Project must be completed in 1 year

5. Modules

- Compulsory:
  - o CSIS6809: Project (36 credit year module) - previously RIS693
  - o CSIS6813: Research Methodology - previously RIS626

6. Honours Modules 2017

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 2017

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
CSIM6813	Theory of Algorithms	Dr Anelize van Biljon

2ⁿᵈ Semester 2017

MODULE	DESCRIPTION	LECTURER
CSIP6883	Advanced Programming II	Mr Jean-Pierre Du Plessis
CSID6863	Data Warehousing	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 2017

MODULE	1st SEMESTER 2017	LECTURER	Day & Time
CSII6833	Human-Computer Interaction	Dr de Wet	Monday 17:10 – 19:00
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 18:10 – 20:00
CSIM6823	Theory of Algorithms	Dr Van Biljon	Will be arranged with lecturer

8.   Textbooks 1st Semester 2017

MODULE	1st SEMESTER 2017	LECTURER	TEXTBOOK
CSII6833	Human-Computer Interaction	Dr de Wet	Measuring the User Experience 2nd Edition Authors: Tom Tullis & Bill Albert. Morgan Kauffman (2013) ISBN: 9780124157811
CSII6813	Information Security	Mr Nel	CompTIA Security+ (Exam SY0-401). Masterskill. ELK 93-022sg_rev1.0 (Van Schaiks)
CSIP6853	Advanced Programming I (Mobile)	Dr Burger	Notes will be provided
CSIS6813	Introduction to Research	Prof Blignaut	Researching Information Systems and Computing Briony J. Oates SAGE publishers ISBN 9781412902243 (pbk)
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 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. The sessions will take place in WWG222, WWG223 or WWG316 – 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
    - o DV3 form (closing date 30 November 2016)
    - o Conditional acceptance, depending on final results (60% average across all 4 IT modules on final year level)
    - o To be signed by Dr De Wet.
- New applicants: DV1 form (closing date 30 September 2016)
    - o Submit via UFS Administration

12.   Registration in 2017

Can be finalised after information session on 30 January 2017.

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