Athabasca University, Alberta
School of Computing and Information Systems
Institutional report for BCCEC, October 2011

Programs overview

1. We offer five computing related undergraduate programs:

    a. BSc-CIS

    b. BSc-CIS (PD)

    c. UCCIS

    d. BA-IS (4 year)

    e. BA-IS (3 year)

2. The BSc-CIS (PD) program is specially designed for students with a college diploma. We attract around 15 students into the program each month. College graduates with computing related diploma may get up to 60 transfer credits.

3. We are adding specializations/streams into our BSc-CIS programs

4. We have been developing a new university certificate program in game design and programming (UCGDP). We already have most of the courses in place for the new program

5. We currently have 628 program students in BSc-CIS and BSc-CIS (PD), with 109 female and 519 male students.

6. In the PD program, we have 88 students coming to the program with a block of 60 credits, 184 with a block of 30 credits.

7. In the UCCIS program, we have 190 students.

8. On average we have around 35 new programming students coming to the programs each month.

9. The program director is responsible for evaluating each PD registration request, and articulating college diploma programs, though all the requests must be initiated within the Registrars' Office.

Courses overview

1. At AU we offer courses not only for our own program students. We have a large number of students from other university and colleges taking courses with us, and transfer the credits back to their home institutions

2. We are currently offering 32 COMP courses at undergraduate level (200 to 400), and we have more students in junior level courses and more visiting students in standard COMP courses because they can be transferred to other universities and colleges.

3. We have many more new COMP courses being developed.

4. We not only welcome visiting students from other universities and colleges, we also accept transfer credits from other institutions.

5. At AU, transfer requests are reviewed by course coordinators. The following is a list of undergraduate COMP courses and their coordinators. If you want to make your course transferable to AU, you may talk to the responsible coordinator.

List of courses and their coordinators

Course Name	Coordinator Information
Computer Science 200 - *Introduction to Computing and Information Systems*	Terry Taylor
Computer Science 210 - *Introduction to Information Systems and Computer Applications*	Terry Taylor
Computer Science 214 - *Interactive Technologies*	Terry Taylor
Computer Science 266 - *Introduction to Web Programming*	Dr. Sabine Graf
Computer Science 268 - *Introduction to Computer Programming (Java)*	Dr. Xiaokun Zhang
Computer Science 272 - *Data Structures and Algorithms (Java)*	Dr. Vive Kumar
Computer Science 306 - *C++ for Programmers*	Richard Huntrods
Computer Science 308 - *Java for Programmers*	Dr. Xiaokun Zhang
Computer Science 314 - *Computer Organization*	Dr. Dunwei (Grant) Wen
Computer Science 315 - *Advanced Operating Systems (Linux)*	Dr. Mahmoud Abaza

Computer Science 318 - *Introduction to Game Design and Development*	Dr. Mahmoud Abaza
Computer Science 325 - *Unix Operating System: Principles and Administration*	Dr. Mahmoud Abaza
Computer Science 347 - *Computer Networks*	Dr. Vive Kumar
Computer Science 348 - *Network Programming in Java*	Richard Huntrods
Computer Science 361 - *Systems Analysis and Design*	Dr. Sabine Graf
Computer Science 369 - *Practical Game Programming*	Dr. Hongxue (Harris) Wang
Computer Science 374 - *Unix System Administration* - Permanently closed, effective August 4, 2011.	Dr. Mahmoud Abaza
Computer Science 378 - *Introduction to Database Management*	Dr. Larbi Esmahi
Computer Science 390 - *Computer Graphics*	Steve Leung
Computer Science 392 - *Graphics Programming for Games*	Steve Leung
Computer Science 409 - *Mobile Computing and Commerce*	Dr. Qing (Ching) Tan
Computer Science 410 - *Software Engineering*	Dr. Sabine Graf
Computer Science 418 - *Distributed Database Systems and Database Tuning*	Dr. Larbi Esmahi
Computer Science 435 - *Multimedia Technologies*	Steve Leung
Computer Science 452 - *Artificial Intelligence for Game Developers*	Dr. Larbi Esmahi
Computer Science 456 - *Artificial Intelligence and Expert Systems Through PROLOG*	Dr. Larbi Esmahi
Computer Science 466 - *Advanced Technologies for Web-Based Systems*	Dr. Hongxue (Harris) Wang
Computer Science 470 - *Web Server Management*	Dr. Jon Dron
Computer Science 482 - *Human Computer Interaction: Design and Practice*	Dr. Ebrahim Bagheri
Computer Science 486 - *Mobile and Internet Game Development*	Dr. Maiga Chang
Computer Science 489 - *Distributed Computing*	Dr. Maiga Chang
Computer Science 492 - *Data Models & the Semantic Web*	Dr. Xiaokun Zhang
Computer Science 495 - *Computer and Information Systems Project*	Dr. Hongxue (Harris) Wang

We are looking forward to working with you in BC, for better relationships at both program and course level.

Harris Wang
Program director for BSc-CIS, BSc-CIS (PD) and UCCIS
School of Computing and Information Systems
Athabasca University
1-866-301-6337
harrisw@athabascau.ca