The following proposals, received on DAP between August 16-31, 2011, have been approved. For more information on the DAP process, see the Academic Handbook at www.uwo.ca/univse/handbook.

FACULTY OF SCIENCE

COMPUTER SCIENCE

Effective September 1, 2011, Computer Science 2208A/B: Fundamentals of Computer Organization will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

Computer Science 2208A/B: Fundamentals of Computer Organization
Computer architecture; data representations; hardware; memory management; instruction sets; exposure to an assembly language for a RISC machine; assembly and linking.
Prerequisite(s): Computer Science 1027A/B, 1037A/B, or 2101A/B, in each case with at least 65%.
3 lecture hours, 1 laboratory hour, 0.5 course.

Effective September 1, 2011, Computer Science 2209A/B: Applied Logic for Computer Science will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

Computer Science 2209A/B: Applied Logic for Computer Science
Propositional and predicate logic; representing static and dynamic properties of real-world systems; logic as a tool for representation, reasoning and calculation; logic and programming.
Prerequisite(s): Computer Science 1027A/B, 1037A/B, or Computer Science 2101A/B, in each case with at least 65%, and one full course or equivalent chosen from the following, with at least 60% in each: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B, or permission of the Department.
4 lecture hours, 0.5 course.

Effective September 1, 2011, Computer Science 2210A/B: Data Structures and Algorithms will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

Computer Science 2210A/B: Data Structures and Algorithms
Lists, stacks, queues, priority queues, trees, graphs, and their associated algorithms; file structures; sorting, searching, and hashing techniques; time and space complexity.
Antirequisite(s): Software Engineering 2205A/B, the former Software Engineering 202a/b.
Prerequisite(s): Computer Science 1027A/B or 2101A/B with at least 65% or Computer Science 1037A/B with at least 60%, and 1.0 course chosen from the following, with at least 60% in each: Applied Mathematics 1201A/B or the former Calculus 1201A/B, Applied Mathematics 1413, Calculus 1000A/B, 1100A/B, 1301A/B, 1501A/B, Mathematics 1600A/B or the former Linear Algebra 1600A/B.
3 lecture hours, 0.5 course.

Effective September 1, 2011, Computer Science 2211A/B: Software Tools and Systems Programming will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

Computer Science 2211A/B: Software Tools and Systems Programming
An introduction to software tools and systems programming. Topics include: understanding how programs execute (compilation, linking and loading); an introduction to a complex operating system (UNIX); scripting languages; the C programming language; system calls; memory management; libraries; multi-component program organization and builds; version control; debuggers and profilers.
Antirequisite(s): Software Engineering 2250A/B and the former Software Engineering 201a/b.
Prerequisite(s): Computer Science 1027A/B or 2101A/B with at least 65% or Computer Science 1037A/B with at least 60%.
3 lecture hours, 1 laboratory/tutorial hour, 0.5 course.
Effective **September 1, 2011**, Computer Science 3305A/B: Operating Systems will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

**Computer Science 3305A/B: Operating Systems**
Survey of major operating systems; interprocess communication; multi-tasking; scheduling; memory management; performance and measurement issues; trade-offs in operating system design; concurrency and deadlock.
Prerequisite(s): Either (Computer Science 2208A/B and 2212A/B/Y) or (Computer Science 2101A/B and 2208A/B) or (Computer Science 2210A/B, 2211A/B, ECE 3375A/B, and registration in the fourth year of the BESc program in Computer Engineering.)
3 lecture hours, 0.5 course.

Effective **September 1, 2011**, Computer Science 3340A/B: Analysis of Algorithms I will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

**Computer Science 3340A/B: Analysis of Algorithms I**
Upper and lower time and space bounds; levels of intractability; graph algorithms; greedy algorithms; dynamic algorithms; exhaustive search techniques; parallel algorithms.
Prerequisite(s): Computer Science 2210A/B and 2211A/B; Mathematics 2156A/B or Computer Science 2101A/B or registration in the fourth year of the BESc program in Computer Engineering.
3 lecture hours, 0.5 course.

Effective **September 1, 2011**, Computer Science 3350A/B: Computer Architecture will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

**Computer Science 3350A/B: Computer Architecture**
Topics include: semiconductor technologies, gates and circuits, buses, semiconductor memories, peripheral interfaces, I/O techniques, A/D conversion, standards, RISC.
Antirequisite(s): ECE 3375A/B.
Prerequisite(s): Computer Science 2208A/B, 2210A/B, 2211A/B, and either Computer Science 2209A/B or 2101A/B.
3 lecture hours, 0.5 course.

Effective **September 1, 2011**, Computer Science 3388A/B: Computer Graphics I will be revised to add CS2101A/B: Foundations of Programming for High Performance Computing to the list of acceptable course prerequisites.

**Computer Science 3388A/B: Computer Graphics I**
Graphics primitives. The viewing pipeline; clipping and visibility problems. The graphical kernel system; picture generation and user interfaces.
Prerequisite(s): Either Computer Science 2212A/B/Y or 2101A/B or (Software Engineering 2203A/B, 2205A/B and 2250A/B); Mathematics 1600A/B or the former Linear Algebra 1600A/B or Applied Mathematics 1411A/B, or permission of the department.
3 lecture hours, 0.5 course.

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**REGISTRAR’S UPDATE**

**KING’S UNIVERSITY COLLEGE**

**RELIGIOUS STUDIES**

The March 1, 2011 DAP proposals have been revised to change:
Religious Studies 2165A/B to be RS 2161A/B
and Religious Studies 2167A/B to be RS 2162A/B.
This was discussed and agreed upon with Marilyn Mason and Erma Jacobs at King’s back in May 2011. This change will be reflected in the October 1st posting of the calendar. The courses were timetabled correctly.