

**Al Akhawayn University in Ifrane
School of Science & Engineering**

**POSSIBLE COURSE SEQUENCE
Bachelor of Science in Computer Sciences (BSCS)
2008-2010 Catalog**

<p>Semester 1 (15 SCH)</p> <p>ENG 1301 English Composition I CSC 1401 Computer Programming MTH 1303 Differential & Integral Calculus SSK 1211 Study Skills SOC 1301 <u>or</u> PSY 1301 <u>or</u> SSC 1310 <u>or</u> GEO 1301</p>	<p>Semester 2 (16 SCH)</p> <p>FRN x3xx French * <u>or</u> ARB x3xx Arabic * CHE 1401 <u>or</u> BIO 140x CSC 2302 Data Structures PHY 1401 Physics I SSK 1212 Study Skills</p>
<p>Semester 3 (15 SCH)</p> <p>CSC 2303 Advanced Prog./Object-Oriented Programming EGR 3331 Digital Design PHY 1402 Physics II SSK 1213 Study Skills COM 1301 Com. Speaking</p>	<p>Semester 4 (15 SCH) (possible semester for exchange)</p> <p>FRN x3xx French * <u>or</u> ARB x3xx Arabic * Minor Course CSC 2304 Computer Architecture CSC 3315 Comp. Lang ENG 2303 Technical Writing</p>
<p>Semester 5 (18 SCH) (possible semester for exchange)</p> <p>MTH 2301 Multivariable Calculus CSC 3323 Algorithm Analysis CSC 3352 Computer Communication LIT 230x / HUM 3302 <u>or</u> Hum 3303 Minor Course Elective Course</p>	<p>Semester 6 (18 SCH)</p> <p>CSC 3324 Software Engineering I HUM 3305 <u>or</u> HUM 3306 <u>or</u> PHI 230x MTH 3301 Probability and Statistics for Engineers EGR 2302 Engineering Economics MTH 1304 Discrete Mathematics for Engineering Minor Course</p>
<p>Semester 7 (18 SCH)</p> <p>CSC 3326 Database Systems CSC 3351 Operating Systems Minor Course HIS 1301 <u>or</u> HIS 2301 <u>or</u> PSC 2301 (French Baccalaureate) <u>or</u> HIS1302 (Moroccan baccalaureate) Elective Course CSC Adv Course</p>	<p>Semester 8 (16 SCH)</p> <p>CSC Adv Course CSC Adv Course EGR 4402 Capstone Design Minor Course Elective Course</p>
<p>Summer Session (3 SCH)</p> <p>EGR 4300 Internship</p>	

TOTAL SCH: 134

* The exact language course to take will depend on the result of the placement tests in French and eventually in Arabic.

This sequence is subject to change at any time by appropriate action of the University.