

## B.S. Computer Science/Math

Dept	Num	Course Name	Hrs
<b>Freshman Year - Fall</b>			
CIS	1103	Intro to Computing*	3
CIS	1144	Computer Science I	4
MAT	1143	College Algebra	3
UNI	1111	University Seminar	1
	___3	Gen Ed or Grad Req	3
	___2	Gen Ed or Grad Req	2
<b>TOTAL</b>			<b>16</b>

Dept	Num	Course Name	Hrs
<b>Freshman Year - Spring</b>			
CIS	1154	Computer Science II	4
CIS	1141	Unix	1
MAT	1173	Discrete Math	3
MAT	1195	Analytics & Calculus I	5
UNI	1121	University Seminar II	1
	___3	Gen Ed or Grad Req	2
<b>TOTAL</b>			<b>16</b>

<b>Sophomore Year - Fall</b>			
CIS	2233	Machine Organization	3
ECO	2023	Microeconomics	3
MAT	2255	Analytics & Calc II	5
	___3	Gen Ed or Grad Req	3
	___3	Gen Ed or Grad Req	3
<b>TOTAL</b>			<b>17</b>

<b>Sophomore Year - Spring</b>			
CIS	2213	Systems Anlys & Design	3
MAT	2263	Analytics & Calc III	3
	___3	Gen Ed or Grad Req	3
	___3	Gen Ed or Grad Req	3
	___3	Gen Ed or Grad Req	3
<b>TOTAL</b>			<b>15</b>

<b>Junior Year - Fall</b>			
CIS	3333	Adv. Data Structures	3
MAT	___3	Upper-level Math Elect.	3
PHY	2215	University Physics	5
CIS	4433	Numerical Analysis	3
	___2	Gen Ed or Grad Req	2
<b>TOTAL</b>			<b>16</b>

<b>Junior Year - Spring</b>			
CIS	3323	Database Management	3
MAT	___3	Upper-level Math Elect.	3
MAT	3323	Linear Algebra	3
CIS	3353	Prg Languages & AI	3
	___3	Gen Ed or Grad Req	4
<b>TOTAL</b>			<b>16</b>

<b>FALL 2010</b>			
CIS	4462	Apld Dsgn & Prg I	2
LDR	4043	Ethics & Prof Dev	3
MAT	3343	Probability and Stats	3
MAT	4663	Advanced Calculus	3
	___3	Gen Ed or Grad Req	3
	___3	Gen Ed or Grad Req	3
<b>TOTAL</b>			<b>17</b>

<b>SPRING 2011</b>			
CIS	4472	Apld Dsgn & Prg II	2
CIS	4443	Networks	3
CIS	4423	Operating Systems	3
MAT	3313	Abstract Algebra	3
CIS	___	Approved CIS Elective**	2/3
	___3	Gen Ed or Grad Req	3
<b>TOTAL</b>			<b>16/7</b>

**NOTES:**

- MAT 3333 (Symbolic Logic and Set Theory) should be taken during one of the Winterfest semesters.
- \*Many CS/Math double majors test out of CIS1103 by taking a departmental exam.
- \*\* Choose from CIS2202, CIS2253, CIS3113, or CIS3313
- Gen Ed or Grad Req stands for General Education or Graduation Requirement. See the University Catalog for a listing of these courses.
- This schedule is for informational purposes. Individual students should work out their specific schedule with the help of an advisor.