

University of Maryland University College

***Curriculum Planning Sheet: A.A.S. in Information Technology (Web, Programming or Database Option)
Bachelor of Science in Computer Science***

This worksheet is designed to help you plan for your degree – it lists all of the graduation requirements. For full descriptions of courses and programs, please refer to the 2006-2007 Undergraduate Catalog.

CCBC Course	CCBC Credits	UMUC Requirement	UMUC Credits	Notes
General Education Requirements (GERs) Total 6 Credits.				Courses used for GERs may not be used to satisfy major requirements. Co-Op courses (numbered 486A or B) may not be used to satisfy GERs.
<u>ENGL101</u>	3	<u>ENGL 101</u>	3	
<u>SPCM101</u>	3	<u>SPCH100</u>	3	
General Education Electives 15-17 Credits One must fulfill CCBC diversity credit.				
<u>Social and Behavioral Sciences</u>	<u>3</u>	<u>Social and Behavioral Sciences</u>	3	Choose from two areas: ANTH, BEHS, CCJS (105, 330, 350, 360, 432, 451, 452, 453, 454, or 461 only), ECON, GEOG, GERO (except 341, 342, 351, and 353), GVPT, PSYC, SOCY.
<u>Art/Humanities or Social and Behavioral Sciences</u>	3	<u>Arts and Humanities or Social and Behavioral Sciences</u>	3	Choose from two areas: ARTH, ARTT, HIST, HUMN, MUSC, PHIL, THET, dance, literature, foreign language.
<u>Mathematics</u>	3	<u>Mathematics</u>	3	MATH 107 or higher (<u>related requirement</u> for major).
<u>Lab Science</u>	4	<u>Biological/Physical Sciences</u>	3	
<u>Information Technology</u>	3	<u>Emerging Issues Information Literacy</u>	3	
Core Program Requirements 30 Credits			Computer Science Major Related requirements for the major that may be satisfied elsewhere are shown in GERs and electives.	
<u>ENGL 102</u>	3	<u>ENGL UL "Other Writing"</u>	3	<i>Other writing:</i> Any 3-credit COMM course (except 300, 380, 400, 486A, 486B, or 493); ENGL 102, 278F, 291, 294, 303, 391, 391X, 480, 482, 483, 485, or 493; JOUR 201.
<u>ENGL 213</u>	3	<u>COMM 293</u>	3	
<u>ACCT 101</u>	3	<u>ACCT 91</u>	3	
<u>MNGT 101</u>	3	<u>BMGT 110</u>	3	
<u>EBUS101</u>	3	<u>BMGT 10</u>	3	Select at least one course from three of the four areas: <u>Computer Networking</u> CMIS 370, 435, 445 <u>Programming Languages and Operating Systems</u> CMIS 325, 340, 342, 375, 415, 440, 442, 475; CMIT 391 , 491 <u>Software Engineering</u> CMIS 330, 345, 455, 460, 465 <u>Database Systems</u> CMIS 320, 420
<u>DCOM101</u>	3	<u>CMTR 10</u>	4	
<u>DCOM 258</u>	3	<u>IFSM 16</u>	3	
<u>CINS 111</u>	3	<u>CMIS 141</u>	3	
<u>CINS142</u>	4	<u>CMIT 391-14</u>	4	
<u>CINS 225</u>	4	<u>CMIS 16</u>	4	
<u>CINS 234</u>	3	<u>CMIS 16</u>	3	
<u>CINS 231</u>	4	<u>IFSM 461-14</u>	3	

Track Options 12-14 Credits (Web, Programming, or Database)			<p>If a course required for the minor is used in the major, substitute another course in the same discipline. Upper-level course must be replaced by an UL course.</p> <p>See list of eligible courses in catalog. If cross-curricular requirement is satisfied within the GERs, these credits are available as additional electives.</p> <p>Area fulfilled in general education requirements.</p>	
Web Option				
<u>WEBR/CINS143</u>	3	<u>CMST 16</u>	3	45 Cooperative education credits are limited to 15 credits with no more than 6 in the combined major/minor or primary/secondary (depending on catalog year). Same limitations apply to practicum and internship credits.
<u>WEBT/CINS157</u>	3	<u>CMST386-14</u>	3	
<u>WEBT/CINS257</u>	3	<u>CMST 45</u>	1	
<u>WEBT/CINS258</u>	4	<u>CMST 45</u>		
Programming Option				
<u>CINS 220</u>	4	<u>CMST 306-14</u>	4	
<u>CINS 227</u>	4	<u>CMIS 16</u>	4	
<u>CINS236</u>	4	<u>CMIS 340-14</u>	4	
Database Option				
<u>CINS 134</u>	3	<u>IFSM 16</u>	3	
<u>CINS156</u>	3	<u>CMIT 261</u>	3	
<u>CINS220</u>	4	<u>CMST 306-14</u>	4	
<u>CINS256</u>	4	<u>CMIT 361-14</u>	4	
Total Credits Taken: 63-67 (Depending on Option)			Total Credits Transferred: 63-67	