

**The Florida State University
Department of Computer Science**

Combined Bachelor's / Master's Degree Program

Introduction: The combined BS/MS degree program in the Department of Computer Science is intended for motivated students who wish to pursue an accelerated program culminating in a Bachelor of Science degree in Computer Science and a Master of Science degree in Computer Science. This combined degree program allows a motivated and academically-focused student to complete both BS and MS degrees in 5 years. Up to 12 hours in the MS option may be dual-eligible for credit toward the BS degree ("double counting"). With a focus on the university experience, a student in the combined BS/MS degree program is encouraged to pursue any of the MS options.

Admission: An undergraduate student wishing to enroll in this program must

1. have reached junior status and completed 60 semester hours of credit,
2. have a minimum 3.0 GPA at FSU, and
3. have a minimum 3.2 GPA of the FSU Computer Science BS courses taken.

Application: Undergraduate students may apply as early as the end of their sophomore year. If accepted, they should take the GRE at the end of their junior year and apply to the graduate school during the first semester of their senior year. For further information or to apply for the program, contact the Computer Science undergraduate academic advisor in 203-C Love Building (644-8700) or email advisor@cs.fsu.edu.

Retention: In order to remain in the accelerated program, a student must maintain an overall GPA of 3.0 at FSU and a Computer Science GPA of at least 3.2.

Approved Graduate Courses: Students in this program are allowed to substitute up to 9 graduate computer science hours (excluding courses with the CGS prefix and all individualized instruction courses) for the same number of undergraduate computer science advanced elective hours. In addition, students may substitute 3 graduate computer science hours for the same number of "free" (non-CS) elective hours. The student must satisfy all prerequisites for the specific graduate courses taken and will receive special advisement to assure that appropriate courses are selected. Grades of C- or better in these substituted graduate courses will apply towards the BS degree, but a grade of B- or better must be achieved to have that course count towards the MS degree.

Support: Undergraduate work may be funded by the usual financial aid and scholarships. Students may apply for funding in the form of teaching/research assistantships starting in their senior year.

Graduation: Once students have completed the requirements for the undergraduate degree (at the end of the fourth year), they will be awarded the Bachelor of Science degree in Computer Science. When the requirements for the master's degree are met, they will receive the Master of Science degree in Computer Science.

Example Schedule: The following gives a sample timeline for the completion of the combined BS/MS degree (this example assumes that the student has 3 “free” elective hours that will be replaced with a fourth graduate computer science course). Note that all requirements for the BS and MS must be met in addition to the courses listed here. Graduate courses marked are taken as an undergraduate, but will count for both the BS and the MS degree. This is just one of many possible programs. The student will always take at least 20 hours as a graduate student.

Year	Cred.	Relevant Courses	Special Events
Freshman	30	MAC1105; MAC1140, MAC1114, MAC2311	
Sophomore	30	COP3014, MAD2104; COP3353, COP3330, CDA3100, MAC2312	Apply for entry into BS/MS at end of year two, requires 3.0 GPA for the 60 semester hours, 3.2 GPA for all CS courses.
Junior	30	COP4530, CEN4020, COP4710, MAD3105; STA4442, CEN4021, COP4020, CDA3101	Take GRE at end of year three.
Senior	30	COT4420, COP4531, <u>CDA5155/CNT5412</u> ; CIS4250, <u>COP5570/COP5725, CNT5505,</u> <u>COT5310/COT5405, CEN5035/CIS5930</u>	Apply to graduate program early Fall. Complete BS at end of year four.
120 total hours in the BS program completed.			
Graduate	20	CIS5935 plus six graduate 3-hour courses	Complete MS at end of year five.
32 total hours in the MS program completed, <u>includes 12 credits.</u>			

MS core requirements for combined BS/MS:

(COP5570 or COP5621 or COP5725) and (CDA5155 or CNT5505 or COP5611) and (COT5310 or COT5405 or COT5507).

MS InfoSec requirements: must meet the MS core defined above, and complete CNT5412 and CIS5370 and CNT5505 and CIS5371 and CNT5605 and (COP5570 or COP5611 or COT5310 or COT5405). This major awards the “*Information Security Specialist Certificate*” by the NSA, attesting to the completion of NSTISSI-4011 “*Security Professional*”.

MS Computer Network and System Administration (CNSA) requirements: must complete CDA5155 and CNT5412 and CNT5505 and CNT5605 and COP5611 and

COP5570 and the “*experience requirement*”: students are required to complete a system administration internship(s) to meet this requirement.