

# Computer Science Specialization in Systems Software Development Supplementary Checklist

Name \_\_\_\_\_

Stony Brook ID Number \_\_\_\_\_

Email \_\_\_\_\_

*The specialization in systems software development prepares students for a career in software applications development or systems software development. Students may declare their participation in the specialization after completing the courses in 1a and 1b. All courses must be completed with a grade of C or higher.*

## 1 Core Courses

	Course	Title	Course	Semester	Grade
a.	<b>CSE 310</b>	Computer Networks <i>or</i>	_____	_____	_____
	<b>CSE 346</b>	Computer Communications	_____	_____	_____
b.	<b>CSE 306</b>	Operating Systems <i>or</i>	_____	_____	_____
	<b>CSE 376</b>	Advanced Systems Programming in C	_____	_____	_____
c.	<b>CSE 331</b>	Computer Security Fundamentals	_____	_____	_____
d.	<b>CSE 311</b>	Systems Administration <i>or</i>	_____	_____	_____
	<b>CSE 337</b>	Scripting Languages	_____	_____	_____

## 2 Two Electives from the Following:

CSE 304 Compiler Design, CSE 305 Databases, CSE 306 Operating Systems, CSE 311 Systems Administration, CSE 336 Internet Programming, CSE 337 Wireless and Mobile Networking, CSE 360 Software Security, CSE 361 Web Security, CSE 362 Mobile Security, CSE 363 Offensive Security, CSE 370 Wireless and Mobile Programming, CSE 376 Advanced Systems Programming in UNIX/C, or Special topics courses in systems software development.

Course	Title	Semester	Grade
_____	_____	_____	_____
_____	_____	_____	_____

## 3 Project

Completion of CSE 487 Research in Computer Science or CSE 488 Internship in Computer Science or CSE 495/CSE 496 Senior Honors Research Project I, II, on a topic in systems software development. The project may not be applied towards the requirements of another specialization.

Course	Title	Semester	Grade
_____	_____	_____	_____

## Declaration of Specialization

*Computer Science majors may declare their participation in the specialization after completing the first two courses with a grade of C or higher. Complete this form and submit it to the Computer Science Undergraduate Office.*

Date \_\_\_\_\_ Signature \_\_\_\_\_