**Naval Postgraduate School Cyber Academic Group**

**Graduation Checklist for MS Cyber Systems and Operations (CSO) Degree**

6208P Subspecialty Code

(Effective for students commencing Spring 2013 or later)

Name/Rank/Service:

Month/Year Enrolled:

Projected Graduation Date:

**1. Master’s Thesis or Capstone: *Thesis/capstone proposal is to be approved by end of the 3h academic quarter.***

Title:

Advisor(s):

Second Reader:

**2. Core Courses: *All of the following courses must be completed or validated to graduate:***

Completed Planned Qtr

\_\_\_CY4410 Cyber Policy and Strategy (3-0) \_\_\_\_\_\_\_\_

\_\_\_CY4600 Network Operations in a Contested Environment (3-2) \_\_\_\_\_\_\_\_

\_\_\_CY4700 Cyber Wargame: Blue Force Operations (2-5) \_\_\_\_\_\_\_\_

\_\_\_CY4710 Cyber Wargame: Red Force Operations (2-5) \_\_\_\_\_\_\_\_

**3. Curriculum Requirements: *All of the following courses are part of the sponsor-approved curriculum and must be completed or validated by USN students. Non-USN students are required to complete these courses as directed by their sponsoring service or agency:***

Completed Planned Qtr

\_\_\_CY3000 Introduction to Cyber Systems and Operations (3-0) \_\_\_\_\_\_\_\_

\_\_\_CS3030 Fundamentals of Computer Architecture and OSs (4-0) \_\_\_\_\_\_\_\_

\_\_\_CY3100 Introduction to Communications Networks (4-1) \_\_\_\_\_\_\_\_

\_\_\_CY3110 Internet Protocols (3-1) \_\_\_\_\_\_\_\_

\_\_\_DA3105 Conflict and Cyberspace (4-1) \_\_\_\_\_\_\_\_

\_\_\_CY3300 Cyber Communications Architectures (4-0) \_\_\_\_\_\_\_\_

\_\_\_CY3520 Practical Network Operations (3-3) \_\_\_\_\_\_\_\_

\_\_\_CS3600 Introduction to Computer Security (4-2) \_\_\_\_\_\_\_\_

\_\_\_CY3602 Network Operations II (3-2) \_\_\_\_\_\_\_\_

\_\_\_CS3690 Network Security (3-2) \_\_\_\_\_\_\_\_

\_\_\_CY3800 Topics in Signals Operations (3-0) \_\_\_\_\_\_\_\_

\_\_\_CY4400 Cyber Mission Planning (3-0) \_\_\_\_\_\_\_\_

\_\_\_CY4650 Information Management for Cyber Operations (1-0) \_\_\_\_\_\_\_\_

\_\_\_CY4750 Advanced Cyber Systems and Operations (3-1) \_\_\_\_\_\_\_\_

\_\_\_CY4900 Research Topics in Cyber Systems and Operations (1-0) \_\_\_\_\_\_\_\_

\_\_\_CY4910 Cyber Systems and Operations Research Methods (1-0) \_\_\_\_\_\_\_\_

**4. Upper-Level Graduate Hours: *All CSO students, regardless sponsorship, must complete no fewer than 20 quarter hours of CY4000 level coursework:***

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| ***Course Nbr*** | ***Title*** | ***Hours*** | ***Completed*** | ***Planned*** |
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**5. Graduate Hours: *All CSO students, regardless sponsorship, must complete no fewer than 40 quarter hours of graduate-level coursework (do not relist courses identified in 2, 3, and 4):***

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| --- | --- | --- | --- | --- |
| ***Course Nbr*** | ***Title*** | ***Hours*** | ***Completed*** | ***Planned*** |
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**6. Joint Professional Military Education (JPME) I. *All USN Unrestricted Line Officers and others USN officers as directed by their community managers are required to complete JPME I certification at NPS (if not already complete). JPME I is optional for military officers from other communities and services:***

Completed Planned Qtr

\_\_\_NW3230 Strategy & Policy (4-2) \_\_\_\_\_\_\_\_

\_\_\_NW3275 Joint Maritime Operations Part 1 (4-0) \_\_\_\_\_\_\_\_

\_\_\_NW3276 Joint Maritime Operations Part 2 (2-2) \_\_\_\_\_\_\_\_

\_\_\_NW3285 National Security Decision Making (4-0) \_\_\_\_\_\_\_\_

**6. Additional Military Requirements:**

# All USN & USMC students

\_\_\_NW3230 Strategy & Policy (4-2) \_\_\_\_\_\_\_\_

# All U.S. Marine Corps & Army students

\_\_\_MN3331 Principles of Acquisition & Prgm Management (5-1) \_\_\_\_\_\_\_\_

Optionally recommended for Marine Corps students:

\_\_\_SE4011 Systems Engineering for Acquisition Managers (3-2) \_\_\_\_\_\_\_\_

**7. Student Certification:** I certify the information contained on this form is correct.

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