Computer Science Department
New Student Brief

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CS/SWE Program Officer
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• Organization and Roles
• Graduation Requirements
• Course Scheduling
• Student Expectations
• Final Thoughts
Why are you here?

• Earn a Sub-Specialty Code
  – Educational Skill Requirements (ESRs) define requirements for 6203-P Code

• Earn a Master of Science Degree

• Learn to think critically, and solve complex technical problems
Student Services

- Student check-in / out
- Student FITREPs
- Navy required training
- Student conduct and Honor Code issues
- Housing issues
- Student mustering / announcement web page
- Overseas screenings

- Student PRT
- Student military admin (bonus / special pay, lateral transfer, special packages)
- Family Service / Family Advocacy
- Student Affairs, Orientation, Awards and Graduation ceremonies
- Mail diplomas/transcripts

Hermann Hall, Room 033, x3812 / 3813
Computer Science Program Office

Program Officer:  CDR Al Shaffer, GE-218, x3319
Ed Tech:  Mrs. Maricel Eddington, GE-308, x7981
CS/SWE Academic Associate:  Dr. Tom Otani, GE-307, x3391

- Curriculum implementation
- Course matrix development
- Class registration
- Schedule changes
- E-week tracking
- Academic counseling
- Academic probation
- Degree nominations
- Laptop computers for TAD or other short term use as available
Section Leaders

- Senior US military officer
- Information dissemination
- Coordinate attendance and participation in mandatory events and programs
- Section-wide issues
CS Department Facilities

- Student Interface Area & Academic Computer Lab / Learning Resource Center – GE-B11
  - Lounge / interface area, dedicated to student use
  - 26 computer terminals for student use
  - Study area (64 lockers)
  - Copier with laser printer, FAX capability

- CS (GE-103) and MOVES (WA 2nd floor lounge) Coffee Mess
  - Coffee / Soda Mess – Honor System
  - Microwave ovens (clean up after yourself!)
  - Limited study area
• Good source of information on…
  – Program Officer guidelines
  – Curriculum requirements & graduation requirements checklists
  – Thesis resources
  – Faculty backgrounds
Graduation Requirements

- Credit and Class requirements
  - Graduate credit hours
  - CS/SWE credit hours
  - Core curriculum
  - Specialization Track
- Thesis completion
- Service specific requirements
- Minimum grade point average (QPR)

Use the Graduation Checklist on our website!
• Two-year program: 19 core courses followed by a specialization tracks
• Each track has eight additional courses
  – Typically four track core courses, and a four-course specialization sequence
  – Current CS Tracks:
    • Networks & Mobility
    • Information Security and Assurance
    • Software Engineering and Architecture
    • Autonomous Systems
    • Cyber Systems & Operations (CSO)
    • CS-MOVES Option
  – Additionally, 3 thesis research slots (CS0810)
Service Specific Requirements

• NW3230 – Strategy and Policy
  – SECNAV INST – Required for all USN and USMC students
  – Applies towards JPME Phase 1
  – Marines can validate with Command & Staff

• JPME Phase 1 (three additional courses)
  – Required for all USN URL, IP and IW Officers

• Systems Engineering and Acquisition
  – Concentration block required for all USA MOVES students

• MN3331 – Acquisition and Program Management
  – Required for all USMC and USA students
  – Marines also encouraged to take EO4011 (optional)

• International Students must take IT1500, IT1600, and IT1700 (as directed by the International Office)
• Independent research
• Thesis Proposal submitted during 4th Quarter
  – Thesis Advisor ~ academic rigor / depth / scope
  – 2nd Reader or Co-Advisor ~ readability / sanity check
  – Department Chairman ~ Master’s level
  – Program Officer ~ military / sponsor relevance
• Extensions MUST be justified
  – Candidacy “lapses” without green card or extension request

Use the thesis resources on our website!
Grades

• Minimum QPR 3.00 for 3000-4000 level classes required in curriculum (GQPR)
• Overall QPR 2.75 (CQPR)
• Typical CS average ~3.5
• Retakes
  – Initial grade remains on transcript
  – Most recent grade used for QPR calculation
• Academic probation
For the current quarter…

• Add / drops are “free” within the first two weeks
  – Will NOT appear on transcript
  – WILL show up in Python
• Withdrawals are accepted thru the eighth week
  – Will appear as a “W” on transcript
• No withdrawals after the eighth week
• Drops & withdrawals are requests … make no assumptions until request has final approval!
  – Poor performance or instructor preference WILL NOT be the sole criterion for a drop or withdrawal
  – Students will continue to attend class until the drop request is approved through the Program Officer
Course Enrollment

For the next quarter…

- Course registration is conducted through the first two weeks of the current quarter
- Python is “locked” for the next quarter after the second week of the current quarter
- Maricel can help with major changes to matrix
  - Specialization track identification
  - Internship
Validations

- Initiate with course coordinator
- Satisfies course requirement, however...
- You will not receive a grade
- Does not satisfy credit hours requirement
- A great tool to provide flexibility during 2nd year matrix (i.e., electives)
- Get them done early at start of quarter!

Take advantage of validations if able!
Student Opinion Forms (SOFs)

- Designed to provide feedback to improve...
  - Course content and structure
  - Instructor effectiveness
- Fully Confidential
  - Instructor can’t see SOFs until grades have been submitted
  - Student can’t see grade until SOF has been submitted
- Routing
  - Numerical marks are seen by Chair, Dean, Provost
  - Comments are seen by the instructor only

Be constructive!
Focus on course content, structure, and instructor effectiveness only... more serious issues should be raised directly with Program Officer and/or Chair.
What we expect of you…

*Know and adhere to the Program Officer SOP*

Complete copy available on the website:
[http://www.nps.edu/Academics/Schools/GSOIS/Departments/CS/ProgOfficer/CS_SOP.html](http://www.nps.edu/Academics/Schools/GSOIS/Departments/CS/ProgOfficer/CS_SOP.html)
What we expect of you…

• Attend class!
  – Registration is an order to attend
  – Communicate exceptions with:
    • Professor
    • Section Leader
    • Classmates

• Fulfill all other academic requirements
  – Homework, exams, projects, presentations…
What we expect of you...

• Academic planning ... manage your matrix
  – Four courses minimum per quarter – does not include seminars
  – Identify track / concentration blocks and electives early
  – No more than two thesis slots in a quarter
• Verify Python during first 2 weeks of each quarter

You are responsible for meeting your graduation requirements.
What we expect of you…

- Muster daily via student check-in webpage
  - General announcements and communications
  - Fail to muster (FTM) … earn visit to DOS to explain
  - Must be in the local area when you muster!

- Must check e-mail at least 2x daily
  - Specific Communications, Urinalysis, etc.

- SECNAV Guest Lectures
  - Attendance is required
  - Section Leader responsibility

- Physical fitness program at least 3x weekly

- USN PFA ~October / April
Students are required to read and be responsible for the following:

Student Online Handbook
Academic Policy Handbook
Academic Honor Code Instruction

(Links available on Program Officer webpage.)
Academic integrity at the Naval Postgraduate School is based on a respect for individual achievement that lies at the heart of academic culture. Every faculty member and student belongs to a community of scholars where academic integrity is a fundamental commitment. Academic dishonesty is not tolerated.

Unless otherwise stated by the instructor: all in-class work submitted for a grade will be the student's own, performed without reference to materials or other individuals. Graded work assigned for completion outside the classroom allows the use of reference material, but shall be performed without the assistance of other individuals. All written work should appropriately identify referenced material.

The instruction cites examples of unacceptable behavior (NAVPGSCOLINST 5370.1C) Includes all course work as well as thesis and other research efforts
• Enjoy the beauty of the peninsula…
  – Bike / run / walk along the “Rec Trail”
  – Spend an afternoon on Carmel Beach
  – Hike Big Sur, go biking in Toro Park or Fort Ord
  – Take the kids to “Dennis the Menace” Park or the Monterey Bay Aquarium
  – Go to one of the many local festivals
  – Stroll down historic Cannery Row

• Lots of great restaurants…
  – The Monterey Fish House (seafood)
  – Peppers in PG (Mexican)
  – Stokes Adobe (fine dining)
  – Rosine’s (family style)
  – …and don’t forget the Farmer’s Market on Tuesday afternoons!

• Good sources of community events/info:
  – The Monterey County Weekly
  – Monterey County Visitor’s Bureau events listing: http://www.seemonterey.com/?p=monterey_activities_events