INFO FOR NAVY JOINT PROGRAM STUDENTS

MIT ROTC for Navy Admin (Orders/Check-in, FITREP, Leave, PFA etc.):
http://nrotc.mit.edu/

Military Housing Options
1. Woods Hole
   United States Coast Guard Air Station – Cape Cod, MA
   Home page: http://www.uscg.mil/d1/airstacapecod/
   Housing: https://www.dcms.uscg.mil/Our-Organization/Director-of-Operational-Logistics-DOL/Bases/Base-Cape-Cod/Services/Housing/

2. MIT
   Hanscom Air Force Base – MA
   Home page: http://www.hanscom.af.mil/
   Housing - https://www.housing.af.mil/Home/Units/Hanscom/

3. Civilian Housing
   a. WHOI Housing Website: http://www.whoi.edu/main/community-housing
   b. Contact current Navy students for real estate agent/area recommendations

Medical Options for Services Members and Family
* Active Duty servicemembers must use either option 1 or 2 below for medical and dental services. Family members, depending on residential location, may be able to seek civilian care (see #3).

1. Hanscom Air Force Base – near Lexington, MA
   66th Medical Squadron - http://www.hanscom.af.mil/units/clinic/

2. Naval Station Newport – Newport, RI
   Naval Health Clinic New England - https://www.cnic.navy.mil/regions/cnrma/installations/ns_newport/om/naval-health-clinic-new-england.html

3. Spouses and children of servicemembers are eligible for TRICARE Prime Remote (TPR) provided your residence is 50+ miles (or 1+ hour drive) from either location #1 or #2. When enrolling in TPR, dependents will have need to choose both a civilian Primary Care Manager and dentist. Information on whether you qualify, how to enroll, and lists of clinics that accept TRICARE and can be found at the following link: https://tricare.mil/primeremote
   Some of you may prioritize location over a specific pediatrician. Tricare allows you to choose based on where you live. Some students have recommended pediatrician: Dr. Courtney Arrington (Civilian).

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Study Prep Recommendations

Use the summer of your first year to prepare for the academic rigors of MIT and refresh a lot of your undergraduate studies. It is important to identify which language your advisor or lab group uses early in order to take the summer to become fluent. If unsure prioritize 1. Python/ MATLAB (most classes will allow you to pick), then C++ based on prevalence. Below are recommendations of topics to study (and some recommended resources) in order of priority. Additionally, the electronic copies of the JP Math Refresher course from the summer of 2015 to aid your study are available on the JP website: https://mit.whoi.edu/admissions/navy-program/navy-program-welcome-aboard-package/

1. Calculus and vector calculus (e.g. gradients, divergence, line integrals, circle integrals)
   Recommended resource: https://www.khanacademy.org/

2. Linear Algebra – **Very important if you did not have an undergraduate course in Linear Algebra**
   Text: *Introduction to Linear Algebra (Cloth) - 4th edition*, by Gilbert Strang, ISBN 13:978-098023714
   MIT Open Courseware website:
   http://ocw.mit.edu/courses/mathematics/18-06-linear-algebra-spring-2010/
   (This website has an entire semester's worth of lectures, practice problems, exams, and solutions, and it is a great resource to learn linear algebra by self-study)

3. Programming
   A very important skill to develop is the computer programming skills. If you do not have a familiarity with any programming language, concentrate on MATLAB, C++, or python. As a MIT student, you get MATLAB at no cost and can begin using it during the summer before the Fall Semester.

   Below are some recommended resources for the programming languages:

   MATLAB:
   OCW website: https://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-057-introduction-to-matlab-january-iap-2019/

   Python:
   OCW website: http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-189-a-gentle-introduction-to-programming-using-python-january-iap-2011/

   C++:
   OCW website: http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-096-introduction-to-c-january-iap-2011/

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Book: *Practical C++ Programming, 2nd Ed,* ISBN: 978-596-00419-4

4. Complex Numbers
    Book: Schaum's Outline of Complex Variables, 2nd Edition, ISBN-13: 978-0071615693

    The MIT-WHOI Joint Program website https://mit.whoi.edu/ has a ton of information (transportation options between MIT and WHOI, housing, administration, etc.)

    If there are any other questions, please contact the MIT-WHOI Joint Program at mit-whoi-www@mit.edu and ask for contact information of current Navy students to help with your transition to the Joint Program.

Navy Requirements for Joint Program
As a JP student, you are "Duty Under Instruction (DUIN) as part of the Navy's Civilian Institution Program (CIVINS) which is headed by NPS. There are a few requirements and instructions that you should be aware of, especially the requirements of the Education Plan (EP).

Here are some quick links to the necessary instructions and requirements:

NPS CIVINS website: http://my.nps.edu/web/civins

NPS CIVINS Welcome Aboard Letter:
http://my.nps.edu/documents/103400012/108027973/Welcome+Aboard+Letter+for+website.pdf/64b4f868-6c66-48c9-8243-da0f5a9f43e4

NPS CIVINS Student Information: http://my.nps.edu/web/civins/student-information

NPSINST 1520.1K Instruction – governing instruction for CIVINS:
http://my.nps.edu/documents/103400012/108027973/NPSINST_15201K.pdf/ac1546f1-379a-4236-a60f-7b7b5fd670cb

MIT-WHOI Department Academic Requirements
As a JP Student, you are assigned to a department at MIT and a department at WHOI. It is important to understand the academic requirements of your MIT department and of the Joint Program. The Education Coordinator in the respective WHOI department is a great resource to help you and your advisor through the necessary requirements to ensure you graduate on time.

WHOI Education Coordinators:
AOPE: Gordon Zhang – wzhang@whoi.edu 508-289-2521
PO: Jake Gebbie – ggebbie@whoi.edu 508-289-2801

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WHOI Academic Handbooks: https://mit.whoi.edu/academics/handbooks/
These handbooks will reference you the respective MIT handbooks that are required by your department.
Contact Information and Student Resources

A current list of MIT/WHOI Joint Program Administration and Support:
https://mit.whoi.edu/about/administration/

Joint Program Curriculum Committees (JCAOSE and JCPO) (scroll to bottom)
The joint committees provide academic governance, advice, guidance, etc.
https://mit.whoi.edu/about/governance/curriculum-committees/

Academic and Personal Support Resources
https://mit.whoi.edu/campus-life/student-resources/support-resources/

Graduate Student Support Resources
https://oge.mit.edu/development/gradsupport/

Resources for Grad Families
https://oge.mit.edu/families/

MIT's Office of the Dean for Graduate Education
http://odge.mit.edu/

Personal Support and Wellness at MIT
http://web.mit.edu/Student/personal_support.html

WHOI-based Student Resources
 https://mit.whoi.edu/whoi-student-resources/

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