NROTCU THE GEORGE WASHINGTON UNIVERSITY INSTRUCTION

1533.10 Subj: COURSE REQUIREMENTS FOR NROTC STUDENTS

Ref: (a) CNSTINST 1533.2

Encl: (1) NROTC Course Requirements
    (2) Class Approval Form (GWUNROTC Form 1533-1.B)
    (3) Naval Science Courses Nominal Sequence

1. Purpose. To provide a list of courses that fulfill the curriculum requirements for NROTC students set forth in reference (a).

2. Cancellation. NROTCUGWUINST 1533.1N

3. Policy. NROTCU students, both college program and scholarship, are required to take certain courses as directed by reference (a). Courses taught at the various universities that satisfy the program requirements are listed in enclosure (1). Class advisors are to counsel their midshipmen and ensure that their graduation plans include these courses in order satisfy their specific program requirements. Advisors should consult reference (a) carefully to ensure students meet the specific sequence and timing requirements of the courses. A midshipman who wishes to take a course not listed in the enclosure in order to satisfy a requirement should present his request, with a course description, to his class advisor. After being recommended by a class advisor, course substitutions may be approved by the Academics Officer using Enclosure (2). Enclosure (2) will then be filein that midshipman's permanent file.

A. F. Cully

Distribution:
Class Advisors
Battalion Academic Officer
NROTC COURSE REQUIREMENTS

NATIONAL SECURITY POLICY & AMERICAN MILITARY HISTORY:
Courses should focus on periods of American Military History or should discuss specific aspects of United States National Security Policy.

SEMESTER HOURS REQUIRED: 3 SEMESTER HOURS

STUDENT REQUIREMENT: (1) NAVY SCHOLARSHIP MIDN
(2) MARINE SCHOLARSHIP & COLLEGE PROGRAM MIDN

CLASS EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO:

GWU:
- Political Science 2446, 2449, 2476
- History 3035, 3033, 3332, 3333, 3334, 2340
- International Affairs 3180

GTOWN:
- History 181, 282, 283, 338
- Government 006, 415, 444, 463
- International Affairs 239, 354
- International Politics 365

Howard:
- History 111, 112
- Political Science 178

Maryland:
- Government 200, 350, 399Q, 409C, 409Q
- History 224, 225, 419Z

Due to the dynamic nature of course scheduling at all universities, the Battalion Academics Officer will submit a new course list for the aforementioned universities to the Unit Academics Officer for approval prior to the end of each semester. This list will be posted on the website, and superseded lists of approved courses will be retained by the Unit Academics Officer.

Enclosure (2) shall be used for approval of any course not listed.

CALCULUS:
Courses must include material through differential and integral calculus of one real variable.

SEMESTER HOURS REQUIRED: 6 SEMESTER HOURS

STUDENT REQUIREMENT: (1) NAVY SCHOLARSHIP MIDN

GWU:
- Math 1231, 1232, 2233 or 1220, 1221, and 1232

GTOWN:
- Math 035, 036

Howard:
- Math 156, 157

Maryland:
- Math 140, 141 or 220, 221

Enclosure (1)
Calculus completed at other than the host institution must be transferable for credit to the host institution before it can be used to satisfy the Navy Scholarship program requirement.

Students who have taken both calculus classes for college credit while in high school, which the college has validated, must complete one additional three-semester hour college course in the area of calculus to satisfy the requirement.

PHYSICS:
Physics courses must be calculus based to include the topics of mechanics, electricity, magnetism, sound, optics, heat, and other related subject matter.

SEMESTER HOURS REQUIRED: 6 SEMESTER HOURS

STUDENT REQUIREMENT: (1) NAVY SCHOLARSHIP MIDN

GWU: Physics 1021, 1022
GTWN: Physics 101, 102
Howard: Phys 013, 014
Maryland: Physics 141, 142 or 161, 260 and 261 or 171, 272 and 273

Physics completed at other than the host institution must be transferable for credit to the host institution before it can be used to satisfy the Navy Scholarship program requirement.

Students who have taken both physics classes for college credit while in high school, which the college has validated, must complete one additional three-semester hour college course in the area of physics to satisfy the requirement.

Labs are required by NROTC only if required by the school.

CULTURAL AWARENESS:
Courses must be related to regional studies, world cultures, and/or world religions, with the emphasis being third world. This course should be taken as meeting an established humanities, history or social science requirement already existing as part of the undergraduate course of study. Foreign language courses will only be considered if they are taught in the specific language or concentrate on foreign culture vice foreign language structure.

SEMESTER HOURS REQUIRED: 3 SEMESTER HOURS

STUDENT REQUIREMENT: (1) NAVY SCHOLARSHIP & COLLEGE PROGRAM MIDN
(2) NURSE CORPS MIDN
CLASS EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO:  

Catholic:  
- Anthropology 101, 310, 371  
- History 308A  
- Theology and Religious Studies 398  

GWU:  
- Anthropology 3702, 3703, 3704, 3707, 3708  
- International Affairs 2090, 2091, 2092, 2093, 3096  
- Slavic Languages and Literature 2361  

GTOWN:  
- Anthropology 240, 382, 404, 456,  
- Turkish 351  
- Korean 302  
- History 109  
- Latin American Studies 427  

Howard:  
- African Studies 105, 111, 131, 156  
- Spanish 058-083  
- History 143, 164, 192  

Maryland:  
- African American Studies 200, 298A  
- Anthropology 3681  
- Persian 251, 441  

Due to the dynamic nature of course scheduling at all universities, the Battalion Academics Officer will submit a new course list for the aforementioned universities to the Unit Academics Officer for approval prior to the end of each academic year. This list will be posted on the website, and superseded lists of approved courses will be retained by the Unit Academics Officer.

Enclosure (2) shall be used for approval of any course not listed.

ENGLISH:  
Courses should provide intensive writing instruction, including aspects of varied research methods and the determination of an argument and supporting evidence.

SEMIESTER HOURS REQUIRED: 6 SEMESTER HOURS

STUDENT REQUIREMENT:  
(1) NAVY SCHOLARSHIP & COLLEGE PROGRAM MIDN  
(2) NURSE CORPS MIDN

Catholic:  
- English 101, 102, 105, 326, 327  

GWU:  
- University Writing 1020  

GTWN:  
- Humanities and Writing 009, 011  

Howard:  
- English 002, 003, 004, 009, 010, 075, 076, 129  

Maryland:  
- English 101, 291, 373, 391, 392, 393, 394, 395  

Students at The George Washington University that are enrolled in the Writing in the Disciplines (WID) program are required to take the one-semester four-credit
English course (UW20), and two WID course to fulfill their English requirement. Students cannot exempt out based on AP credit or SAT scores.

2 Grades are to be entered into OPMIS according to the following: Enter the four-credit English course (UW20) grade into OPMIS as the first semester English grade. Average the four-credit English grade with the two additional WID course grades and enter this into OPMIS as the second semester English grade.

OTHER MATH:
Mathematics courses must be at the level of college algebra or higher.

SEMESTER HOURS REQUIRED: 6 SEMESTER HOURS
STUDENT REQUIREMENT: (1) NAVY COLLEGE
PROGRAM MIDN

Catholic: Math 100, 108, 111, 112
GWU: Math 1007
GTWN: Math 001, 006, 040
Howard: Math 006, 007, 009, 010, 026
Maryland: Math 110, 111, 112, 113, 115

PHYSICAL SCIENCE:
This requirement can be met by completing a one-year sequence, or two courses, in an area of physical science.

SEMESTER HOURS REQUIRED: 6 SEMESTER HOURS
STUDENT REQUIREMENT: (1) NAVY COLLEGE
PROGRAM MIDN

CLASS EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO:

Catholic: Chemistry 103, 104
Physics 205, 206
GWU: Biology 1111, 1112
Chemistry 1111, 1112
GTWN: Chemistry 001, 002
Biology 103, 104
Howard: Chemistry 003 and 004
Physics 001, 002, 010, 011
Maryland: Physics 121, 122
Chemistry 104, 105, 131

1Enclosure (2) shall be used for approval of any course not listed
Class Approval Form
GWUNROTC Form 1533-1.B

1. Name
2. SSN
3. Date

4. What requirement are you trying to fulfill?

5. If this is for a National Security Policy course or Military History course, does it focus on American military history or security?

6. If this is for the Cultural Awareness Course, does it focus on regional studies, world cultures, and/or world religions, with the emphasis being third world?

Student's signature: ____________________________ Date: _____________

Advisor's signature: ____________________________ Date: _____________

Academic Officer's signature: ____________________________ Date: _____________

Enclosure (2)
NAVAL SCIENCE COURSES NOMINAL SEQUENCE

ABBREVIATIONS:

- INS: Introduction to Naval Science
- SMA: Seapower & Maritime Affairs
- ENG: Engineering
- WPN: Weapons Systems
- AMP: Amphibious Warfare
- NAVSEA: Naval Seamanship
- L&E: Leadership & Ethics
- NAVOPS: Naval Operations
- L&M: Leadership & Management
- EVOL: Evolution of Warfare

NAVY MIDSHIPMEN NAVAL SCIENCE COURSE NOMINAL SEQUENCE (NON-NURSE):

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NURSE OPTION MIDSHIPMEN NAVAL SCIENCE COURSE NOMINAL SEQUENCE:

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<td>Senior Class</td>
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MARINE OPTION MIDSHIPMEN NAVAL SCIENCE COURSE NOMINAL SEQUENCE:

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OFFICER CANDIDATE NAVAL SCIENCE COURSE NOMINAL SEQUENCE:

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<td>Third Year</td>
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MARINE ENLISTED COMMISSIONING EDUCATION PROGRAM NAVAL SCIENCE COURSE NOMINAL SEQUENCE:

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The above are examples of the nominal Naval Science course sequences. Deviations from these schedules are to be discussed and approved by individual class advisors. Deviations are to be considered on a case-by-case basis, and valid reasons for deviations include, but are not limited to: study abroad programs and non-Naval Science course conflicts.