



Naval Science

Converse Hall
2121 Tuttle Park Pl
Columbus, OH 43210-1222

Phone (614) 292-6015
Fax (614) 292-6405
www.nrotc.osu.edu

W. Randy Smith
Vice Provost on Academic Affairs
203 Bricker Hall
190 North Oval Mall

March 1, 2023

Dear Vice Provost Smith:

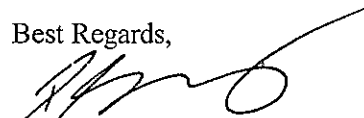
I write as chair of the Department of Naval Science and the current Tri-Service Lead to make a request on a small matter on behalf of all three Reserve Officers Training Corps (ROTC) programs (Naval, Air Force, and Army). In conjunction with the Office of Undergraduate Education, we propose a renaming of the current "Naval Science", "Air Science", and "Military Science" minors to become "Naval Science and Leadership", "Air Science and Leadership", and "Military Science and Leadership" respectively. While this is a comparatively small change, we nevertheless feel that it will clarify the content of the minor for prospective students in important ways. Indeed, we believe it more accurately reflects the intellectual content of the existing minors and their requirements, which are themselves not affected by the name change. Our rationale for the change rests on the following basis as well:

1. The minors are predominantly focused toward students in the ROTC programs, whose missions each involve the development of future leaders. These students also spend time in leadership labs designed to promote said development.
2. At least two of the core courses in each minor are specifically focused on leadership. Topics range from leading small groups to ethical leadership and cover tenets that range from character traits to actions.
3. The name change will facilitate the future inclusion of new courses focusing on leadership throughout the University.
4. The name change will more squarely tie each minor to the University's 'Leadership Institute' initiatives.

I have attached the both the existing and potential updated advising sheet for each of the current minors, as well as a letter of concurrence from the Office of Undergraduate Education. Per the curriculum manual, I am hopeful that this small change constitutes an update to the minor rather than a wholesale revision.

Please let me know if this meets with your approval, and, of course, we would be delighted to provide any additional information that you require.

Best Regards,

A handwritten signature in black ink, appearing to read 'D. Canady', with a long, sweeping horizontal stroke extending to the right.

Darrell S. Canady
Professor of Naval Science



March 3, 2023

Vice Provost Smith
203 Bricker Hall
190 North Oval Mall

Dear Vice Provost Smith,

I am writing to express my agreement with the proposal from the three Reserve Officers Training Corps (ROTC) programs to rename the current Naval Science, Air Science, and Military Science minors to become Naval Science and Leadership, Air Science and Leadership, and Military Science and Leadership.

As the Dean of the Office of Undergraduate Education, I concur with the rationale for the name change. These minors are focused on ROTC programs whose missions involve the development of future leaders. At least two courses in each minor are focused on leadership, and the proposed name change will facilitate the inclusion of new course offerings in leadership. Furthermore, the name change is aligned with the university's Leadership Institute initiatives, which aim to foster leadership skills in our students.

I believe that the proposed name change is a positive step towards better representing the mission and focus of these minors. It will also enable the ROTC programs to provide a more comprehensive and inclusive educational experience for their students.

Thank you for considering this proposal, and I appreciate your attention to this matter.

Sincerely,

Norman W. Jones, Ph.D.
Dean of the Office of Undergraduate Education

The Ohio State University

Air Science Minor (AIRSCI-MN)

Department of Air Force Aerospace Studies
353 Converse Hall
2121 Tuttle Park Place
Columbus, OH 43210
(614) 292-5441
<http://afrotc.osu.edu/>

A Minor in Air Science is for students who seek to improve and challenge themselves on a daily basis. Students will experience realistic and dynamic training designed to teach values and skills essential for leaders in every organization. Courses are "hands on," with an emphasis on leadership application through practical experience. Students practice techniques while assigned to leadership roles within the cadet wing organizational structure. In addition, courses are designed to instill professional ethics and familiarize participants with principles of physical fitness and a healthy lifestyle. Ultimately, the program explores the dynamics of leading in a complex environment, introduces challenges across the national security landscape, and prepares students to analyze, manage, and adapt to change. The end state of the program is for students to be adaptive leaders with confidence in their ability to make decisions and motivate subordinates.

The Air Science Minor curriculum: 14 hours

Air Force Aerospace Studies 2101
Team and Leadership Fundamentals I
(1 sem hour)

Air Force Aerospace Studies 2102
Team and Leadership Fundamentals II
(1 sem hour)

Air Force Aerospace Studies 3101
Leading People and Effective Communication I
(3 sem hours)

Air Force Aerospace Studies 3102
Leading People and Effective Communication II
(3 sem hours)

Air Force Aerospace Studies 4101
National Security Affairs/Preparation for Active Duty I
(3 sem hours)

Air Force Aerospace Studies 4102
National Security Affairs/Preparation for Active Duty II
(3 sem hours)

Restrictions and General Information:

1. This minor is open to students enrolled in ROTC or by permission of department chair.
2. Students should declare their minor prior to accumulating 60 total credit hours.

Air Science Minor Program Guidelines

The following guidelines govern this minor:

Required for graduation No

Credit hours required: A minimum of 14

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE: A student is permitted to overlap up to 6 credit hours between the GE and the minor

Overlap with the major and additional minor(s):

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work.
- Course work graded Pass/Non-Pass cannot count on the minor.

Approval required Not necessary except if variation from prescribed curriculum is needed.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school advisor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the academic unit offering the minor

College of Arts and Sciences
Curriculum and Assessment Services
154 Denney Hall, 164 Annie & John Glenn Ave.
<http://artsandsciences.osu.edu>

Received 7/31/12 DH
Update 1/23/13 DH
Updated 12/20/13 DH
Updated 1/21/19 DH
Rev approved CAA 9/18/19
Updated 6/9/21 DH

Air Science and Leadership Minor (AIRSCILD-MN)

Department of Air Force Aerospace Studies
353 Converse Hall
2121 Tuttle Park Place
Columbus, OH 43210
(614) 292-5441
<http://afrotc.osu.edu/>

A Minor in Air Science and Leadership is for students who seek to improve and challenge themselves on a daily basis. Students will experience realistic and dynamic training designed to teach values and skills essential for leaders in every organization. Courses are "hands on," with an emphasis on leadership application through practical experience. Students practice techniques while assigned to leadership roles within the cadet wing organizational structure. In addition, courses are designed to instill professional ethics and familiarize participants with principles of physical fitness and a healthy lifestyle. Ultimately, the program explores the dynamics of leading in a complex environment, introduces challenges across the national security landscape, and prepares students to analyze, manage, and adapt to change. The end state of the program is for students to be adaptive leaders with confidence in their ability to make decisions and motivate subordinates.

The Air Science and Leadership Minor curriculum: 14 hours

Air Force Aerospace Studies 2101
Team and Leadership Fundamentals I
(1 sem hour)

Air Force Aerospace Studies 2102
Team and Leadership Fundamentals II
(1 sem hour)

Air Force Aerospace Studies 3101
Leading People and Effective Communication I
(3 sem hours)

Air Force Aerospace Studies 3102
Leading People and Effective Communication II
(3 sem hours)

Air Force Aerospace Studies 4101
National Security, Leadership Responsibilities and Commissioning Preparation I (3 sem hours)

Air Force Aerospace Studies 4102
National Security, Leadership Responsibilities and Commissioning Preparation II (3 sem hours)

Restrictions and General Information:

1. This minor is open to students enrolled in ROTC or by permission of department chair.
2. Students should declare their minor prior to accumulating 60 total credit hours.

Air Science and Leadership Minor Program Guidelines

The following guidelines govern this minor:

Required for graduation No

Credit hours required: A minimum of 14

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE: A student is permitted to overlap up to 6 credit hours between the GE and the minor

Overlap with the major and additional minor(s):

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work.
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Rev approved CAA 9/18/19
Updated 6/9/21 DH

The Ohio State University

Military Science Minor (MILSCI-MN)

Department of Military Science
253 Converse Hall
2121 Tuttle Park Place
Columbus, OH 43210
614-292-6075, 1-800-292-7682
www.arotc.osu.edu

A Minor in Military Science is for students who seek to improve and challenge themselves on a daily basis. Students will experience realistic, dynamic training designed to teach values and skills essential for leaders in every organization. Courses are "hands on," with an emphasis on leadership application through practical exercise. Students practice techniques while assigned to leadership roles within the Cadet Organizational Structure. In addition, courses are designed to instill professional ethics and familiarize participants with principles of physical fitness and a healthy lifestyle.

Ultimately, the program explores the dynamics of leading in a complex environment and prepares students to analyze, manage and change. The end state of the program is for students to be adaptive leaders with the confidence in their ability to lead, make decisions, and motivate subordinates for our Army and our Nation.

The Military Science Minor curriculum: 12 semester hours

Military Science 3001 Training Management and the War Fighting Functions (3)
Military Science 3002 Applied Leadership in Small Unit Operations (3)
Military Science 4001 The Army Officer (3)
Military Science 4002 Company Grade Leadership (3)

Restrictions and General Information

This minor is open to students enrolled in the Army ROTC commissioning program or by permission of the department chair.

1. Removal from the program will result for students who fail any minor course.
2. Students should declare their minor prior to accumulating 60 total semester hours.

Military Science minor program guidelines

The following guidelines govern this minor.

Required for graduation No

Credit hours required A minimum of 12 credit hours

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor

Overlap with the major and additional minor(s):

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work.
- Course work graded Pass/Non-Pass cannot count on the minor.

Minor approval Not necessary except if variation from prescribed curriculum is needed.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school advisor.

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Updated 6/9/21 DH

Military Science and Leadership Minor (MILSCILD-MN)

Department of Military Science
253 Converse Hall
2121 Tuttle Park Place
Columbus, OH 43210
614-292-6075, 1-800-292-7682
www.arotc.osu.edu

A Minor in Military Science and Leadership is for students who seek to improve and challenge themselves on a daily basis. Students will experience realistic, dynamic training designed to teach values and skills essential for leaders in every organization.

Courses are "hands on," with an emphasis on leadership application through practical exercise. Students practice techniques while assigned to leadership roles within the Cadet Organizational Structure. In addition, courses are designed to instill professional ethics and familiarize participants with principles of physical fitness and a healthy lifestyle.

Ultimately, the program explores the dynamics of leading in a complex environment and prepares students to analyze, manage and change. The end state of the program is for students to be adaptive leaders with the confidence in their ability to lead, make decisions, and motivate subordinates for our Army and our Nation.

The Military Science and Leadership Minor curriculum: 12 semester hours

Military Science 3001 Training Management and the War Fighting Functions (3)
Military Science 3002 Applied Leadership in Small Unit Operations (3)
Military Science 4001 The Army Officer (3)
Military Science 4002 Company Grade Leadership (3)

Restrictions and General Information

This minor is open to students enrolled in the Army ROTC commissioning program or by permission of the department chair.

1. Removal from the program will result for students who fail any minor course.
2. Students should declare their minor prior to accumulating 60 total semester hours.

Military Science and Leadership minor program guidelines

The following guidelines govern this minor.

Required for graduation No

Credit hours required A minimum of 12 credit hours

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor

Overlap with the major and additional minor(s):

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative GPA for all minor course work.
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Updated 6/9/21 DH

The Ohio State University

Naval Science Minor (NAVLSCI-MN)

Department of Naval Science, 102 Converse Hall, 2121 Tuttle Park Place., Columbus, OH 43210-1169;
614-292-6015; <http://www.nrotc.osu.edu/>

Naval Science is an interdisciplinary field developed to provide students with an opportunity to establish a working knowledge of the Navy and Marine Corps as military forces while understanding the elements of leadership and management required by the officers in the sea-going services. The program will not only focus on the implementation of Navy and Marine Corps forces during times of peace and conflict, but will draw on the traits, characteristics, and philosophies that make successful military leaders. Although much of the program will be geared toward prospective Navy and Marine Corps Officers at ROTC, it will be open to all students that desire to enhance their knowledge of Naval Science.

The Naval Science Minor requires a minimum of 6 credit hours in core courses and a minimum of 6 additional credit hours in related courses drawn from Naval Science departments for a total of at least 12 credit hours.

Recommended Prerequisites

Naval Science 1110, 1210

Core Courses (6 credit hours required)

Note: Courses taken for core credit may not be double counted in the "Additional Courses" category.

Naval Science 4110, 4210

Additional courses (at least 6 credit hours are required)

Naval Science 2110, 2210, 3110, 3210, 3510, 4510, 4520

Naval Science minor program guidelines

The following guidelines govern this minor:

Required for graduation No

Credit hours required A minimum of 12 credit hrs.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor,

Overlap with the major and additional minor(s):

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.

Approval required The minor program must be approved by the Naval Science department program coordinator (or the coordinator's designee)

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school advisor.

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Updated 2-5-19 DH
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Naval Science and Leadership Minor (NAVLSCILD-MN)

Department of Naval Science, 102 Converse Hall, 2121 Tuttle Park Place., Columbus, OH 43210-1169;
614-292-6015; <http://www.nrotc.osu.edu/>

Naval Science and Leadership is an interdisciplinary field developed to provide students with an opportunity to establish a working knowledge of the Navy and Marine Corps as military forces while understanding the elements of leadership and management required by the officers in the sea-going services. The program will not only focus on the implementation of Navy and Marine Corps forces during times of peace and conflict, but will draw on the traits, characteristics, and philosophies that make successful military leaders. Although much of the program will be geared toward prospective Navy and Marine Corps Officers at ROTC, it will be open to all students that desire to enhance their knowledge of Naval Science.

The Naval Science and Leadership Minor requires a minimum of 6 credit hours in core courses and a minimum of 6 additional credit hours in related courses drawn from the Naval Science department for a total of at least 12 credit hours.

Recommended Prerequisites

Naval Science 1110, 1210

Core Courses (6 credit hours required)

Note: Courses taken for core credit may not be double counted in the "Additional Courses" category.

Naval Science 4110, 4210

Additional courses (at least 6 credit hours are required)

Naval Science 2110, 2210, 3110, 3210, 3510, 4510, 4520

Naval Science and Leadership minor program guidelines

The following guidelines govern this minor:

Required for graduation No

Credit hours required A minimum of 12 credit hrs.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor,

Overlap with the major and additional minor(s):

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Grades required

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