

AEROSPACE STUDIES (AIRS)

Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (https://csprd.louisville.edu/psp/ps_class/EMPLOYEE/PSFT_CS/c/COMMUNITY_ACCESS.CLASS_SEARCH./x/?state=62dab551a0d600a5e8237359c50704e59007&duo_code=sjUx20STj21bWVEuQ371YBjHmfXpqqv).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

Course Fees

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (<https://louisville.edu/bursar/tuitionfee/university-fees/>).

AIRS 101. Department of the Air Force (DAF) Professionalism 1 Unit

Term Typically Offered: Fall Only

Corequisite(s): Concurrent enrollment in AIRS 151.

Description: This course provides an introduction to the Air and Space Forces to allow students be better informed about the role of the United States Air Force (USAF) and United States Space Force (USSF). The course allows students to examine general aspects of the Department of the Air Force (DAF), leadership fundamentals, service benefits, and opportunities for officers. The course also lays the foundation for becoming an Airman or Guardian by outlining our heritage and values. As a foundational course, this course provides a historical perspective such as lessons on war and US military, DAF operations, principles of war, and airpower and provides students with a knowledge-level understanding for the employment of air and space power, from an institutional, doctrinal, and historical perspective. The students will be introduced to the military way of life and gain knowledge on what it means to be an Airman or Guardian.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

AIRS 102. Competition and Security 1 Unit

Term Typically Offered: Spring Only

Corequisite(s): Concurrent enrollment in AIRS 152.

Description: The overarching aim of Course 2, "Competition and Security," is to introduce students to the concept of national security from a broad perspective, encompassing the military's involvement in securing national interests through a range of activities from cooperation to armed conflict. This course is designed to lay a solid foundation for understanding the multifaceted nature of global security and the critical role of the DAF in maintaining peace and security.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

AIRS 110. Air Force ROTC Independent Study 1 Unit

Description: Independent study of the organizational structure of the Air Force. Customs, courtesies, benefits available and professional appearance. Also, Air Force core values and the concepts of professionalism and officership.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

AIRS 151. Air Force ROTC Leadership Laboratory 0 Units

Grading Basis: Pass/Fail

Term Typically Offered: Fall Only

Prerequisite(s): Good standing as a cadet or applicant in the AFROTC program as defined by AFROTC Instruction 36-2011 Volume 3, or Department Chair Approval.

Description: Training in Air Force customs and courtesies, drill and ceremonies, instructing the other cadets, and the environment of an Air Force officer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

AIRS 152. Air Force ROTC Leadership Laboratory 0 Units

Grading Basis: Pass/Fail

Term Typically Offered: Spring Only

Prerequisite(s): Successful completion of AIRS 151 and good standing as a cadet or applicant in the AFROTC program as defined by AFROTC Instruction 36-2011 Volume 3, or Department Chair Approval.

Description: Training in Air Force customs and courtesies, drill and ceremonies, instructing the other cadets and the environment of an Air Force officer.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

AIRS 201. Team and Leadership Fundamentals I 1 Unit

Term Typically Offered: Fall Only

Corequisite(s): Concurrent enrollment in AIRS 251.

Description: This course is designed to provide a fundamental understanding of both leadership and team building. Students are taught from the beginning that there are many layers to leadership, including aspects that do not always come to mind. Such things include listening, understanding themselves, being a good follower, and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Students will demonstrate basic verbal and written communication skills.

For class offerings for a specific term, refer to the Schedule of Classes (<http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm>)

AIRS 202. Team and Leadership Fundamentals II Term Typically Offered: Spring Only Corequisite(s): AIRS 252. Description: This course will continue to provide a fundamental understanding of both leadership and team building. Students are taught from the beginning that there are many layers to leadership, including aspects that do not always come to mind. Such things include listening, understanding themselves, being a good follower, and problem solving efficiently. The students will apply these leadership perspectives when completing team building activities and discussing things like conflict management. Students will demonstrate basic verbal and written communication skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	1 Unit	AIRS 254. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Spring Only Prerequisite(s): AIRS 202, AIRS 252 Training in Air Force customs and courtesies, drill and ceremonies, instructing other cadets and the environment of an Air Force officer. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units
AIRS 210. Air Force ROTC Independent Study Term Typically Offered: Fall, Spring Prerequisite(s): AIRS 102 and AIRS 152, or permission of departmental chair. Description: An independent study of general aspects of air and space power through historical perspective. Provides students with a knowledge-level understanding for the general element and employment of air and space power. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	1 Unit	AIRS 310. Air Force ROTC Independent Study Term Typically Offered: Fall, Spring Prerequisite(s): AIRS 202 and AIRS 252, or permission of departmental chair. Description: An independent study of leadership and management fundamentals, professional knowledge, leadership ethics, problem solving, and communication skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units
AIRS 251. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Fall Only Prerequisite(s): Successful completion of AIRS 152 and good standing as a cadet in the AFROTC program as defined by AFROTC Instruction 36-2011 Volume 3. Description: Training in Air Force customs and courtesies, drill and ceremonies, instructing other cadets and the environment of an Air Force officer. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units	AIRS 311. Leading People and Effective Communication I Term Typically Offered: Fall Only Prerequisite(s): Consent of department chair. Corequisite(s): Concurrent enrollment in AIRS 351. Description: This course designed to build on the leadership fundamentals taught in AIRS201/202. The students will have the opportunity to utilize their skills as they begin more of a leadership role in the detachment. Students will learn a more in-depth understanding of how to effectively lead people and provide them with the tools to use throughout their detachment leadership roles. This course is designed to get students used to briefing to allow them to hone their writing and briefing skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units
AIRS 252. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Spring Only Prerequisite(s): Successful completion of AIRS 251 and good standing as a cadet or applicant in the AFROTC program as defined by AFROTC Instruction 36-2011 Volume 3, or Department Chair Approval. Description: Training in Air Force customs and courtesies, drill and ceremonies, instructing other cadets and the environment of an Air Force officer. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units	AIRS 312. Leading People and Effective Communication II Term Typically Offered: Spring Only Prerequisite(s): Consent of department chair. Corequisite(s): Concurrent registration in AIRS 352. Description: This course designed to continue instruction on the leadership fundamentals taught in AIRS201/202. The students will have the opportunity to utilize their skills as they begin more of a leadership role in the detachment. Students will learn a more in-depth understanding of how to effectively lead people and provide them with the tools to use throughout their detachment leadership roles. This course is designed to get students used to briefing to allow them to hone their writing and briefing skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units
AIRS 253. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Fall Only Prerequisite(s): AIRS 201, AIRS 251 Training in Air Force customs and courtesies, drill and ceremonies, instructing other cadets and the environment of an Air Force officer. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units	AIRS 351. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Fall Only Description: Instruct 100-, 200-level cadets in Air Force customs and courtesies, drill and ceremonies, developing advanced leadership skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units

AIRS 352. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Spring Only Description: Instruct 100-, 200-level cadets in Air Force customs and courtesies, drill and ceremonies, developing advanced leadership skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units	AIRS 451. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Fall Only Description: Instruct 100-, 200-level cadets in Air Force customs and courtesies, drill and ceremonies, developing advanced leadership skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units
AIRS 410. Air Force ROTC Independent Study Term Typically Offered: Fall, Spring Prerequisite(s): AIRS 311, and AIRS 312, or permission of departmental chair. Description: An independent study of the concept of the Armed Forces as an integral element of society with emphasis on the broad range of American civil-military relations and the environmental context in which US defense policy is formulated and implemented. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units	AIRS 452. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Spring Only Description: Instruct 100-, 200-level cadets in Air Force customs and courtesies, drill and ceremonies, developing advanced leadership skills. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units
AIRS 411. National Security, Leadership Responsibilities and Commissioning Preparation I Term Typically Offered: Fall Only Prerequisite(s): Consent of department chair. Corequisite(s): Concurrent enrollment in AIRS 451. Description: Students will learn the basic elements of national security policy and process and will gain further understanding of the basic Department of the Air Force operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession. Students will learn about responsibility, authority, and functions of a Department of the Air Force commander and selected provisions of the military justice system. Students will begin to be instructed lessons to prepare them for life as a second lieutenant. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units	AIRS 453. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Fall Only Prerequisite(s): AIRS 451 and AIRS 452. Description: Instruct advanced cadets in Air Force customs and courtesies, drill and ceremonies, and aid them in developing advanced leadership skills and competencies. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units
AIRS 412. National Security, Leadership Responsibilities and Commissioning Preparation II Term Typically Offered: Spring Only Prerequisite(s): Consent of department chair. Corequisite(s): Concurrent enrollment in AIRS 452. Description: Students will continue to learn the basic elements of national security policy and process and will gain further understanding of the basic Department of the Air Force operations as well as understand selected roles of the military in society and current domestic and international issues affecting the military profession. Students will learn about responsibility, authority, and functions of a Department of the Air Force commander and selected provisions of the military justice system. Students will begin to be instructed lessons to prepare them for life as a second lieutenant. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	3 Units	AIRS 454. Air Force ROTC Leadership Laboratory Grading Basis: Pass/Fail Term Typically Offered: Spring Only Prerequisite(s): AIRS 451, AIRS 452, and AIRS 453. Description: Instruct advanced cadets in Air Force customs and courtesies, drill and ceremonies, and aid them in developing advanced leadership skills and competencies. For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)	0 Units