

<b>Fiscal Unit/Academic Org</b>	Geography - D0733
<b>Administering College/Academic Group</b>	Arts And Sciences
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	New Program/Plan
<b>Proposed Program/Plan Name</b>	Social Sciences Air Transportation
<b>Type of Program/Plan</b>	Undergraduate bachelors degree program or major
<b>Program/Plan Code Abbreviation</b>	GEOGTPN
<b>Proposed Degree Title</b>	Social Sciences Air Transportation

## Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program				124	
Required credit hours offered by the unit	Minimum			18	
	Maximum			24	
Required credit hours offered outside of the unit	Minimum			100	
	Maximum			106	
Required prerequisite credit hours not included above	Minimum			0	
	Maximum			0	

## Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

### **Program Learning Goals**

- 1. Students acquire and apply foundational knowledge from the introductory courses in the core of the major to explain flight performance as well as federal and international aviation laws and policies.
- 2. Students acquire and apply statistical skills to critically evaluate data and research findings in the literature (e.g. geospatial data analyses).
- 3. Students apply quantitative skills to understand the management and operations of aviation-specific organizations, such as aircraft manufacturers, airlines, airports, and the air traffic management system.
- 4. Students comprehend and critically assess the social, political, economic, and/or physical structures of air transportation systems to explain individual and organizational behaviors.
- 5. Students know aviation regulations and policies and are able to anticipate their ramifications under different scenarios.
- 6. Students comprehend the structure of industry and communications flows and are able to pinpoint sources of and remedies for administrative disagreements.
- 7. Students are able to demonstrate how knowledge of advanced aircraft performance has implications for decision-making by management for airports, airlines, and aviation service providers.

## Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

**Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes**

**Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? No**

### **DIRECT MEASURES (means of assessment that measure performance directly, are authentic and minimize mitigating or intervening factors)**

#### **Classroom assignments**

- Embedded testing (i.e. specific questions in homework or exams that allow faculty to assess students' attainments of a specific learning goal)
- Other classroom assessment methods (e.g., writing assignments, oral presentations, oral exams)

#### **Evaluation of a body of work produced by the student**

- Capstone course reports, papers, or presentations

### **INDIRECT MEASURES (means of assessment that are related to direct measures but are steps removed from those measures)**

#### **Surveys and Interviews**

- Student survey
- Student interviews or focus groups

### **USE OF DATA (how the program uses or will use the evaluation data to make evidence-based improvements to the program periodically)**

- Analyze and discuss trends with the unit's faculty
- Analyze and report to college/school
- Make improvements in curricular requirements (e.g., add, subtract courses)
- Make improvements in course content
- Make improvements in course delivery and learning activities within courses
- Periodically confirm that current curriculum and courses are facilitating student attainment of program goals

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

## Pre-Major

**Does this Program have a Pre-Major? No**

## Attachments

- Aviation support ltr - Steinmetz.pdf: Exec Dean Letter  
*(Letter from the College to OAA. Owner: Haddad,Deborah Moore)*
- Soc Sci Air Transportation Major.pdf: Program Proposal  
*(Program Proposal. Owner: Haddad,Deborah Moore)*

## Comments

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Haddad,Deborah Moore	02/17/2012 11:59 AM	Submitted for Approval
Approved	Sui,Dianzhi	02/17/2012 12:07 PM	Unit Approval
Approved	Haddad,Deborah Moore	02/17/2012 12:11 PM	College Approval
Pending Approval	Nolen,Dawn Jenkins,Mary Ellen Bigler Meyers,Catherine Anne Vankeerbergen,Bernadette Chantal Hogle,Danielle Nicole Hanlin,Deborah Kay	02/17/2012 12:11 PM	ASCCAO Approval