



March 4, 2011

W. Randy Smith
Vice Provost
Office of Academic Affairs
203 Bricker Hall, 190 N. Oval Mall
CAMPUS

Dear Randy:

On February 25, 2011, the Arts and Sciences Committee on Curriculum and Instruction (CCI) unanimously approved revisions to the quarter version of the **SBS Aviation Transportation BA**. The main contact for this major is Assistant Dean Deborah Haddad (Haddad.2@osu.edu). Before this, the proposal was approved with contingency by the CCI Sciences Subcommittee on July 19, 2010. The contingencies mainly had to do with a few discrepancies in course numbers, course titles, and numbers of credits, all points that were addressed in the revised proposal that came to CCI. (See transmittal history at end of package for details.)

The revised major proposes to remedy a situation whereby due to curricular changes over the last few years the SBS Aviation Transportation major has taken an increasingly vocational aspect. In its current format, it is possible for SBS students to earn the degree without taking SBS courses. Indeed, the current major is comprised of Aviation core courses, Aviation electives, and Aviation management courses. In contrast, the revised SBS major will include an Aviation core and Aviation electives as well as an SBS core of six Geography courses and three SBS elective courses. The major will be housed in the Department of Geography. Whereas the current major requires 52-56 quarter hours, the revised major will require 96 hours. Details concerning the changes can be found in the actual proposal and the CCI Subcommittee Chair cover letter. Student enrollment is expected to remain steady at approximately 150 students. The revised major will provide excellent preparation for jobs in fields like airline/airport management, air traffic control, marketing, travel logistics, and public relations.

Discussion at the CCI level identified two main areas of clarification:

- Obtaining a letter from the Aviation Department expressing their support of the proposed revised major.
- Obtaining enrollment numbers from the Department of Geography to ascertain that the Geography courses include in the revised major will be able to meet increased demand.

CCI was pleased with the clarifications provided subsequently. The committee voted unanimously to approve the revised SBS Transportation BA, and the major is being moved to CAA for its consideration.

Please let me know if I can be of further assistance as CAA reviews this proposal.

Sincerely,

A handwritten signature in cursive script that reads "Larry Krissek".

Larry Krissek,
Chair, ASC Committee on Curriculum and Instruction

c: Melissa Soave
Terry Gustafson
Mary Ellen Jenkins

Date: August 13, 2010

Subject: SBS Aviation Major revisions

From: James Fredal, Chair CCI Science Subcommittee

The Sciences Subcommittee considered the proposal for revisions to the Aviation major in the Social and Behavioral Sciences via an electronic discussion and vote from July 6 through July 19, 2010. The Aviation major is currently administered through three units and awarding three degrees that differ in focus: Engineering, SBS, and Business.

Several factors contributed to the proposal to revise the Aviation major, including a shift in the faculty makeup of SBS, changes in Aviation's philosophy of how to prepare students for careers, a decision in Engineering to drop the Department of Aviation in favor of an Center for Aviation Studies (not a tenure initiating unit) and a history of curricular changes that allowed Aviation students to earn the major and the degree without ever taking an SBS course. The College of Engineering, the College of Business, and the CAA are all in favor of revisions to the SBS Aviation major. The new major will be housed in Geography and will incorporate courses from five other SBS departments.

The current Aviation major is comprised of Aviation core courses (28 hours), Aviation elective courses (6 hours), and Aviation Management courses (18-22 hours).

The goal of the proposed changes is to provide students with a broader choice of alternative career paths (including flight, management, air traffic control, marketing, logistics, and public relations) without compromising high quality flight training. The new major will be housed in the Department of Geography and will be comprised of six SBS core courses in Geography (30 hours) and four electives to be chosen from three categories (at least 20 hours): Security; Individual and Social; and Institutions. In addition, the major will include an Aviation core (28 hours) and Aviation electives (9 hours). With general education requirements, the major will total 183 quarter hours. This structure and hour load is comparable to the Aviation major offered through the Business College and to Aviation majors offered by other institutions.

Students will have access to the Aviation advisor for Major issues and departmental Geography advising for SBS related issues. Students will continue to pursue internships as a portion of their Aviation electives.

Assessment will measure the Major's fulfillment of four program goals (Aviation Major Proposal, p. 4) through focus groups with students in the major, and exit survey of graduating seniors, and embedded testing in selected courses to measure student understanding of central concepts and methods. Assessment results will be reviewed annually by the Center for Aviation Studies, the Department of Geography, and SBS.

The Sciences subcommittee approved the proposal unanimously with contingencies having to do with consistency of wording ("Institutions" vs. "Institutional") and course numbers from the current to the proposed major. These contingencies have since been

addressed. The sub-committee therefore presents the proposal to the full committee with a recommendation for approval.

The Social and Behavioral Sciences Aviation Major Proposed Revision

Name of major: SBS Aviation Transportation¹

Proposed Implementation Date: Spring 2011

Degree to be Received: Bachelor of Arts

Rationale:

Over the past three to four years, the Aviation major in the Social and Behavioral Sciences (SBS) has taken on a more vocational practice of focusing on hands-on flight training and flight time than on the mission of the strong liberal arts education that SBS believes is its foundation. This modification has taken place because of changes to the faculty makeup in SBS as well as a shift in Aviation's philosophy of how to prepare students for careers. Many of the curricular changes over the last few years have taken place without the knowledge of either the College of Engineering, where the Department of Aviation resided, or SBS. The resulting, and current, Aviation major within SBS allows a student to earn the major and the SBS degree without ever taking SBS courses. This proposal to revise the SBS Aviation undergraduate program will reshape the curriculum so that students will have the benefit of SBS disciplinary competence and pedagogy.

It is useful to note that, late last year, the College of Engineering initiated a proposal to dismantle its Department of Aviation and establish a Center for Aviation Studies (CAS) in its place. The CAS will not be a tenure-initiating unit (TIU), and Aviation's faculty will have new homes in the College of Engineering. The CAS Director will be a faculty member in the College of Engineering reporting directly to the Dean of the College of Engineering. SBS has concurred with the proposal, as has the Fisher College of Business (FCOB).

Equally, if not more important to note, the Dean's office of the College of Engineering and the Fisher College of Business support a thorough revision of the SBS Aviation major.

Beginning February 2010, representatives from SBS, Engineering, the Department of Aviation, and the Department of Geography have met and exchanged ideas on how to offer current Aviation majors the education required for a degree in the Arts and Sciences while continuing to provide the training necessary for a career in the aviation industry. We feel that this proposal to revise the major meets this challenge.

1. Among the eight departments within SBS plus the Undergraduate International Studies Program (UISP), Geography is the most logical host for the major revision. The department has a strong emphasis on transportation and other ancillary subject areas which directly reflect the needs of students interested in the aviation field (meteorology, mapping, business, and understanding global connections). With these well-suited offerings, Geography courses represent the SBS core of the revised major.
2. Aviation is a diverse field, and the proposal incorporates courses from five other SBS departments (Communication, Economics, International Studies, Political Science, Psychology, and Sociology).

¹ Baccalaureate aviation degrees generally fall under one of two categories: *Aviation Systems* or *Aviation Management* degrees. *Aviation Systems* degrees require students to obtain a minimum of a private pilot's license as well as Instrument and Commercial ratings, while *Aviation Management* degrees do not prepare students for a pilot's license. The proposed SBS Aviation Transportation falls within the *Aviation Management* category.

Courses from these other departments will satisfy major electives categories, making the revised major an interdisciplinary one which will expose students to the varied areas of interest and research within the field.

3. The goal of the revised major is to provide students a choice of alternative career paths while maintaining the high quality of flight instruction they receive through the CAS. Although a career as a pilot is the most obvious of careers, it is far from the only one. Jobs in airline/airport management, air traffic control, marketing, travel logistics, and public relations are but a few careers students can prepare for via a well-rounded curriculum. The aviation sector is widely interconnected with the economy and so we believe an appropriately broad training and education makes sense as a preparation for students.

Revised Major:

After consultation with curricular representatives from Engineering and SBS, and after receiving support from the department chairs (or their designees) whose courses are included in the major, we are proposing the following changes to the Aviation major:

The revised major will be comprised of an SBS Core of six Geography courses (30 quarter hours) and three Elective courses, one to be chosen from each of three categories (15 quarter hours). The three Elective categories are: *Security*; *Individual and Social*; and *Institutions* (Appendix A). This major revision would require students to take 45 SBS hours. The Aviation Core of the major will consist of seven required courses (23 quarter hours) and a minimum of 28 quarter hours chosen from among Aviation Elective courses, a total of 51 Aviation hours.

The SBS Aviation Transportation major will require 96 quarter hours (see Appendix B.)².

SBS Core

The core courses represent topics directly associated with aviation and provide practical knowledge and transferable skills for students. They include courses in topics such as transportation, transportation security, weather and climate, and cartography. These address issues that are present in many areas of the transportation sector and give students a strong understanding of the principles needed to be successful. These are all courses which are consistently taught by faculty in the department and are fully expected to be consistently offered once the semester system is in place.

SBS Electives

1. Security

Courses in this category are largely from International Studies, Sociology and Psychology and address trends in terrorism, the security apparatus of governments, and personal security. These are central concerns for both the aviation industry itself and individual travelers. Those working in this sector must be aware of how threats to security can be met and how best to understand and assist those affected, whether directly or indirectly.

2. Individual & Social

Courses in this category are potentially drawn from Communication, Psychology, Sociology, and Geography. They cover a broad range of topics that encompass the human interaction components

² The 96 SBS and Aviation major hours are reasonable for this type of major. The Fisher College of Business Aviation specialization requires 86-89 quarter hours and the Engineering Aviation major requires 109 quarter hours. It appears that requiring 85 or more major credit hours is the norm for aviation baccalaureate degrees nationally as well (see Appendix C.).

of the field. Considering the transnational nature of transportation in general, and aviation in particular, a solid understanding of geopolitical issues, communication theories and practices, and how individuals interpret situations causing them to act in certain ways alone and in groups is an ongoing and important component to problem solving in the field.

3. Institutions

Courses in this category are from Economics, Communication, and International Studies. These courses address issues surrounding international law, governmental oversight, employment legislation, and effective business communication. In essence they are concentrated on the business and trade aspects that are prevalent in aviation corporate dealings.

Student Enrollment

Currently, there are 182 Aviation majors³ in total, and 146 (80%) of those are SBS Aviation majors. The numbers have remained relatively steady over time, and we expect that the program will continue to enroll approximately 150 SBS Aviation majors.

Relationship to other programs

We expect little impact on other programs throughout the university. There may be a modicum of change in enrollment numbers in various Aviation courses, depending on the changes to the aviation portion of the program (see Appendix B).

Administration

The revised program will be an SBS major. For now, any changes to the structure or content of the program will be vetted through the regular Arts and Sciences (ASC) approval process (including the SBS Curriculum Committee) as well as through the College of Engineering. Once the Center for Aviation Studies (CAS) is established, any changes to the program will be vetted through ASC after seeking concurrence by CAS.

Proposed revisions as they relate to similar programs at other institutions

Non-engineering baccalaureate aviation degrees at other universities focus on administration and management. There tend to be 2 sets of core requirements – non-aviation and aviation cores.

Non-aviation core requirements for aviation baccalaureate programs nationally generally include courses from several disciplines of the social sciences: climatology, physical geography, marketing, economics, communication, psychology (individual and social behavior), and domestic and international law. Appendix C provides several examples of the organization and content of other institutions' aviation management/administration programs.

This proposal to revise SBS' aviation major is consistent with what appears to be a convention for these programs, and will prepare students for a variety of careers in aviation that require or prefer baccalaureate degrees⁴. Moreover, this proposal is forward-thinking in that it will provide students the preparation that will be expected as aviation careers are developed or reshaped to deal with increased interest in the global effects of aviation transportation, especially aviation transportation security.

³ Aviation degrees are conferred by the Fisher College of Business, the College of Engineering, and the ASC division, Social and Behavioral Sciences.

⁴ See *Careers in Aviation* on the Aircraft Owners and Pilots Association's website, <http://www.aopa.org>, for the careers as pilots, in airline and airport operations, airline and airport services, scientific services (e.g. cartography), law-related services, and office professionals that require or prefer baccalaureate degrees.

Advising and Student Resources

Students will have access to the Aviation advisor for advice relating to the major, appropriate minors, or coursework that would augment their marketability. The departmental advisor for Geography would also be available for consultation on issues relating to the SBS Core courses of the major.

The advisor is also available to students for assistance with career search help and resume/cv and cover letter reviews. Additionally, students will have access to the Geography's Undergraduate Resource Room located in Derby Hall. The Resource Room has computers for students to access e-mail and Carmen and is also equipped with course-relevant software programs, such as Arc/Info for GIS and Cartography courses.

Internships

Through the Department of Aviation and, later, through the Center for Aviation Studies (CAS), internships with industry are available in aviation management and administration. These internships are often paid and are available for credit in the Aviation Electives portion of the proposed SBS Aviation Major revision. We expect that students also will continue to compete for internship positions at the OSU airport in administration, planning, external relations, marketing, and so forth.

Assessment

Our assessment will be multidimensional and ongoing. We expect our assessment strategy to result in SBS Aviation Transportation majors who are better prepared for the job market, graduate studies, and as citizens. Program goals are as follows:

- A. Students acquire fundamental theoretical and practical knowledge of transportation systems
- B. Students understand the social and behavioral processes shaping transportation and transportation systems
- C. Students acquire specialized knowledge regarding significant issues in the transportation industry
- D. Students acquire familiarity with methods in geospatial data analysis

Our assessment plan will initially consist of:

- Use of focus groups with students in the major. Facilitators will systematize sessions by eliciting responses to a predetermined set of questions regarding goals A and C.
- An exit survey of graduating seniors, which includes questions about the major regarding their overall educational experience, classroom experience, research and internship participation, and placement in jobs and graduate school.
- Use of embedded testing in selected courses which will demonstrate student understanding of essential concepts (Courses used for embedded testing will be identified jointly through SBS, Aviation, and Geography).

The assessment strategy will be refined as we learn the results data collection from focus groups responses and embedded testing. SBS, the Center for Aviation Studies (CAS), and the Department of Geography will consult regarding results. Assessment strategies will be revisited annually by all three participants, and program goals, assessment strategies, and the SBS Aviation Transportation curriculum will be revised as warranted.

Appendix A

**SBS AVIATION TRANSPORTATION MAJOR
50 SBS QUARTER HOURS
6 CORE COURSES + 3 COURSES FROM 3 AREAS**

	COURSE	DESCRIPTION	PREREQUISITES
<u>REQUIRED SBS CORE</u> 30 hours	Geog 240 - Economic and Social Geography	This course explores relationships between society and economy, focusing on geographic dimensions of such issues as globalization, production and consumption, inequality, and social difference.	
	Geog 445 - Transportation Security	Geographic aspects of transportation security. Spatial analysis of transportation linkages. Relationships between transportation and spatial organization; selected analytical models dealing with threats to transportation security.	
	Geog 520 - Climatology	The elements and the controls of climate; types of climate and their distribution; climates and their effects on the economic and other activities of humans.	
	Geog 580 - Elements of Cartography	A study of the cartographic techniques of map compilation and presentation including generalization, symbolization, reproduction, and simple computer mapping with an emphasis on thematic mapping.	
	Geog 607 - Fundamentals of Geographic Information Systems	Basic principles of geographic and land information systems and their use in spatial analysis and information management.	Geog major or permission of instructor.
	Geog 645 - Geography of Transportation	Relation between transportation and spatial organization; selected analytical models dealing with traffic demand, network configuration, and allocation of transport facilities; application to selected problems.	

**3 Areas: SECURITY, INDIVIDUAL & SOCIAL, AND INSTITUTIONS
Required: 3 courses, 1 from each of 3 Areas**

Area 1: SECURITY

<u>SECURITY</u> at least 1 course (7 options)	Comm 531 - Communication and Conflict Management	An overview of the communication and conflict literature with emphasis on effective conflict management.	
	Comm 597.01 - Global Issues and Communication: Media and Terrorism	Focuses on the portrayal of terrorism in the media and on how terrorists use the media to influence public opinion.	Rank 3 or higher.
	IS 300 - Introduction to Homeland Security	Comprehensive overview of U.S. homeland security. Threats from natural disasters, terrorism, etc will be studied. Programs and technologies involved in disaster prevention and response.	Rank 2 or higher or permission of instructor.
	IS 553 - Terror and Terrorism	Focus on the origins, evolution and place of terrorism in the modern world and the ideology, motivation, and methods of a number of terrorist groups.	
	Poli Sci 548 – Politics of Int'l Terrorism	Examines international terrorism's concepts and actors, the motivations and causes of terrorism, the experience of the United States, and tensions between freedoms and security.	
	Psych 525 - Psychology of Personal Security: Global and Local Perspectives	Surveys the diverse psychological literature on personal security, a key ingredient in psychological well-being.	Psych 100.
	Soc 315 - Sociology of Terrorism	Provides a broad review of the definitions, histories, types, and theories of terrorism from a sociological perspective.	

Area 2: INDIVIDUAL & SOCIAL

<u>INDIVIDUAL & SOCIAL</u> at least 1 course (11 options)	Comm 367 - Persuasive Communication	Principles of persuasion as reasoned discourse.	English 110, 110.01, 110.02, 110.03 or equiv, and rank 2 or above.
	Comm 431 - Strategic Communication Principles	The role of strategic communications in business, including basic principles of integrated marketing, theory, and ethical standards.	

	Geog 460 – Space, Power, and Political Geography	Political geographic thought; territory and territoriality; borders and scale; space, power and uneven development; states and statecraft; and the politics of nations, regions and localities	
	Geog 642 - Geography of Development	Political economy of development; development theory; the historical geography of capitalist development; and contemporary development practices and strategies.	
	IS 501 - Selected Problems in International Studies	Class discussions, with several guest speakers, informal conferences, and a reading and research program arranged to meet the special needs of those enrolled.	
	Poli Sci 201 – Intro to Political Behavior	Focus on concepts such as attitude, role, and group and their application in such areas as voting behavior and political participation.	
	Psych 309 - Human Motor Control and Learning	Experimental analyses of the processes underlying the performance, learning and adaptation of movement skills.	Psych 300 or 220 or 320, or Stat 145, or permission of instructor.
	Psych 508 - Psychology of Judgment and Decision-Making	An overview of current models and empirical research on cognitive processes in human decision-making and judgment under risk or uncertainty.	Psych 220 or 320, or Stat 145 or 245; or permission of instructor.
	Psych 521 - Personnel Psychology	Overview of theory, method, and practices of personnel psychology: job analysis, recruiting, personnel selection, performance appraisal, and training.	Psych 100; 220 or 320, or Stat 145 or 245.
	Soc 302 - Technology and Global Society	Social aspects of technology, social change, and technological development; underdevelopment and the global economy.	
	Soc 370 - Social Factors in Personality	Analysis of relationships between social structure and personality; language; its consequences for social behavior; socialization: learning of motives and social roles; personality: development, organization, and disorganization.	

Area 3: INSTITUTIONS

<u>INSTITUTIONS</u> at least 1 course (16 options)	Comm 200 - Communication in Society	Role of communication in society; forms, strategies, theories and issues; interpersonal, group, organizations, public and mass communication.	
	Comm 240 - Introduction to Communication Technology	Processes of communication technology, critical consumption, ethical issues, current problems of the markets, technologies and policies of online communication, the world wide web, and media.	

Comm 368 - Intercultural Communication in Organizational Contexts	An examination of the role of intercultural communication in organizational contexts and the attendant effects on the creation and transmission of cultural consciousness, knowledge, tradition, and practices.	
Econ 348 - Ethics and Social Responsibility in Economic Life	Examines the role of ethical norms and social constraints in determining economic outcomes.	
Econ 560 - International Economic Relations	Survey of international economic relations; the basis of world trade; commercial and financial policy, particularly of the United States; and recent international economic organization.	Econ 200 and 201 or 400, or equivalents.
Econ 570 - Government and Business	Economic and legal aspects of government regulation of business in the United States; philosophies and concepts of public control; contemporary problems.	Econ 200.
Econ 580 - Labor Economics and Industrial Relations	Survey of the field of labor economics; trade unionism, collective bargaining; wage determination, employment, unemployment; labor legislation.	Econ 200.
IS 356 - Introduction to Globalization	Analysis of globalization in all its aspects, economic, political, cultural, environmental and technological, as well as of its extent and desirability.	Rank 2 or higher.
IS 550 - Cultural Diplomacy	Cultural Diplomacy is the exchange of information, ideas, and values among nations and peoples. Public and private mechanisms for these exchanges are explored.	Rank 2 or higher.
Geog 450 - The Making of the Modern World	The geographies of modernity and their formation: the world market, the global polity, diasporas and constructing difference, colonialism, the transformation of nature, Eurocentricity, post-modernity.	Rank 2 or higher.
Geog 470 - Life and Death Geographies: Global Population Dynamics	Theories of population change; global and national contexts of fertility policy and reproductive health, morbidity and mortality trends; migration; environmental effects of population growth; urbanization	Geography 240.
Geog 635 - Globalization and Environment	Transnational dimensions of changes to the natural environment; ways that global economic activity, international institutions, and global environmentalism contribute to environmental problems and solutions.	
IS 650 - International Law	Examination of the varied sources, traditions, functions and structures of international law and its significance in maintaining stability, continuity and communication in the international system.	Rank 2 or higher.
Poli Sci 305 – Intro to Public Policy	Introduction to the workings of policy-making processes within governments, and the use of social science reasoning to evaluate and improve the content of policies.	

	Poli Sci 535 – Govts & Politics of Modern Democracies	A survey of the basic institutions and politics of modern democracies, with emphasis on representativeness and democratic stability.	
	SOCIOL 309 - Introduction to Law and Society	Introduction to the law as a social institution, including the origins of law and its relationship to other social institutions, social control, and social change.	

Appendix B
The Proposed Quarter-System SBS Aviation Transportation Major: A Revision of the SBS Aviation Major

Social & Behavioral Sciences Core (All Required)	SBS Electives (Choose 3 courses)	Aviation Core (All Required)	Aviation Electives (28 Hours Required)
Geog 240 - Economic and Social Geography	Security (choose 1):	AV 300 - The National Aviation System(3)	ACCTMIS 211 - Intro to Accounting -OR- ACCTMIS 310 – Foundations of Accounting
Geog 445 - Transportation Security	Comm 531 – Communication & Conflict Mgmt	AV 310 - Private Pilot Fundamentals (5)	AV 294 – Group Stds in Aviation
Geog 520 - Climatology	Comm 597.01 – Global Issues & Communication: Media & Terrorism	AV 530 - Aviation Regulation (3)	AV 322 – Aviation History
Geog 580 - Elements of Cartography	IS 300 - Introduction to Homeland Security	AV 540 - Aviation Human Factors (3)	AV 341 - Private Pilot Flight Lab I
Geog 607 - Fundamentals of Geographic Information Systems	IS 553 - Terror and Terrorism	AV 550 - Aviation Management (3)	AV 342 - Private Pilot Flight Lab II
Geog 645 - Geography of Transportation	Poli Sci 548 - Politics of Int'l Terrorism	AV 560 - Aviation Safety (3)	AV 410 – Aviation Weather
	PSY 525 - Psychology of Personal Security	AV 650 - Air Transportation Analysis I (capstone) (3)	AV 413 - Commercial Pilot Fundamentals
	SOC 315 - Sociology of Terrorism		AV 415 - Instrument Flight Fundamentals
	Individual & Social (choose 1):		AV 417 - Advanced Multiengine Operations
	Comm 367 – Persuasive Communication		AV 421 - Flight Instruction Methodology
	Comm 431 – Strategic Communication Principles		AV 422 - Instrument Instruction Methodology
	Geog 460 – Space, Power, & Poli Geography		AV 441 - Commercial Flight Lab 1
	Geog 642 - Geography of Development		AV 443 - Commercial Pilot Flight Lab 3
	IS 501 – Selected Problems in Int'l Studies		AV 444 – Commercial Pilot Flight Lab II
	Poli Sci 201 – Intro to Political Behavior		AV 445 – Commercial Pilot Flight Lab III
	Psych 309 - Human Motor Control and Learning		AV 446 – Multi-Engine Flight Lab
	Psych 508 - Psychology of Judgment and Decision-Making		AV 461 - Flight Instructor ASEL Flight Lab
	Psych 521 - Personnel Psychology		AV 462 - Flight Instructor Instrument Airplane Flight Lab
	Soc 302 - Technology and Global Society		AV 463 - Flight Instructor AMEL Flight Lab
	Soc 370 - Social Factors in Personality		AV 489 - Professional Practices in Industry

	Institutions (choose 1):		AV 493 – Individual Stds in Aviation
	Comm 200 – Communication in Society		AV 552 - Airport Management
	Comm 240 – Intro to Communication Technology		AV 591 - Flight Network Analysis & Optimization
	Comm 325 - Introduction to Organizational Communication (5)		AV 593 - Individual Studies in Aviation
	Comm 368 – Intercultural Communication in Organizational Contexts		AV 652 - The International Aviation System
	Econ 348 - Ethics and Social Responsibility in Economic Life		AV 654 – Airline Marketing
	Econ 560 - International Economic Relations		AV 674 - Airport Systems Planning, Design, and Development
	Econ 570 - Government and Business		AV 693 - Individual Studies
	Econ 580 - Labor Economics and Industrial Relations		AV 694 – Group Studies in Aviation
	Geog 450 - The Making of the Modern World		AV 699 – Undergrad Research in Aviation
	Geog 470 – Life & Death Geog: Global Population Dynamics		AV 750 – Air Transportation Analysis II
	Geog 635 - Globalization and Environment		AV H783 – Honors Research
	IS 356 – Intro to Globalization		Econ 200 – Principles of Microecon
	IS 550 – Cultural Diplomacy		Econ 201 – Principles of Macroecon
	IS 650 - International Law		
	Poli Sci 305 – Intro to Public Policy		
	Poli Sci 535 – Govts & Politics of Modern Democracies		
	Soc 309 – Intro to Law & Society		
30 Quarter Hours	15 Quarter Hours	23 Quarter Hours	28 Quarter Hours

SUMMARY:

Social & Behavioral Sciences Core	30 hours
SBS Electives	15 hours
Aviation Core	23 hours
Aviation Electives	28 hours
Total Quarter Credit Hours	96 hours

Appendix C

BACCALAUREATE INSTITUTION	REQUIRED CORE			QUARTER EQUI-VALENTS	
	NON-AVIATION CORE	AVIATION CORE	ELECTIVES	GE HOURS	TOTAL DEGREE HOURS
Western Michigan University <i>Aviation Science & Administration</i>	Accounting I & II	Intro to Aviation	Professional Flight I Theory & Lab	70	161
	Transportation Tech: Policy, Perils & Promise	Aerodynamics & Performance	Aviation Mgmt Intern		
	Interpersonal Communication	Aircraft Systems	Organization Behavior		
	Fluency w/Info Tech	Aviation Safety	Multinat'l Mgmt Entrepreneurship		
	Principles of Micro & Macro	Crew Resource Mgmt	Airline Strategy		
	Organization of Industries	Aviation Meteorology			
	Business Finance	Advanced Aircraft Systems			
	Physical Geography	Aviation Legislation			
	Intro to Meteorology & Climatology	Airport Planning, Ops, & Admin			
	Tech Communication	Corporate Aviation Mgmt			
	Calculus	Airline Administration			
	Marketing Principles	Int'l Aviation			
	Elementary Physics	Senior Project - Planning			
	General Psychology	Senior Project - Analysis			
	Business Statistics				
Business Enterprise					
CUNY -- York College <i>Aviation Management</i>	Accounting I & II	Intro to Aviation Safety & Security	1 Course from Group I	55-66	156
	Intro to Aviation Business	Intro to Aviation Business	Intro to Mgmt Info Systems		
	Business Law	Airport Planning & Mgmt	Air Cargo Mgmt		

Appendix C

BACCALAUREATE INSTITUTION	REQUIRED CORE			QUARTER EQUIVALENTS	
	NON-AVIATION CORE	AVIATION CORE	ELECTIVES	GE HOURS	TOTAL DEGREE HOURS
	Business Finance	Aviation Ops	Intro to Emergency Planning & Mgmt		
	Case Studies in Aviation Financial Mgmt	Aviation Policy Seminar	Aviation Internship in the Private Sector		
	Intro to Microeconomics		Weather & Climate		
	Intro to Economic Statistics		1 Course from Group 2		
	Aviation Mktg & Economics		Basic Factors in Int'l Politics		
	Public Administration in the Political Setting		Aviation Law		
			Aviation Internship in the Public Sector		
			1 Course from Group 3		
			Human Factors Psychology		
			Psychology of Terrorism		
			Social Research		
Purdue University <i>Airline Management</i>	Intro to Public Relations	Airline Mgmt		39-52	??
	Principles of Persuasion	Airport Mgmt			
	Intro to Advertising	Air Traffic Control			
	Problems in Public Relations	Aviation Internship			
	Consumer Relations Mgmt	Airport Operations			
	Consumer Behavior	Airport Manager Certification			
	Industrial Safety				
	Automatic Identification & Data Capture				

Appendix C

BACCALAUREATE INSTITUTION	REQUIRED CORE			QUARTER EQUIVALENTS	
	NON-AVIATION CORE	AVIATION CORE	ELECTIVES	GE HOURS	TOTAL DEGREE HOURS
	Leadership Principles				
	Occupational Safety & Health				
	Human Resource Issues				
	Leadership for Organizational Change				
	Leadership through Teams				
	Leadership in a Global Environment				
Purdue University <i>Airport Management</i>	Intro to Public Relations	Airport Mgmt		39-52	??
	Principles of Persuasion	Airport Manager Certification			
	Intro to Advertising	Airline Mgmt			
	Problems in Public Relations	Air Traffic Control			
	Industrial Safety	Aviation Internship			
	Automatic Identification & Data Capture	Airline Operations			
	Leadership Principles				
	Occupational Safety & Health				
	Human Resource Issues				
	Leadership for Organizational Change				
	Leadership through Teams				
	Leadership in a Global Environment				
	Intro to Environmental Policy				

Appendix C

BACCALAUREATE INSTITUTION	REQUIRED CORE			QUARTER EQUI- VALENTS	
	NON-AVIATION CORE	AVIATION CORE	ELECTIVES	GE HOURS	TOTAL DEGREE HOURS
South Dakota State University <i>BS in Aviation w/Aviation Mgmt Specialization</i>	Physical Climatology & Meteor- ology + Lab Course	Intro to General Aviation			
	Thru Calculus 2	Private Pilot Theory			
	Principles of Acctg I & II	Private Pilot Flight I & II			
	Principles of Macroecon	Aviation Safety			
	Principles of Microecon	Aviation Weather			
	Physics + Lab Course	Advanced Flight Principles			
	General Psych	Instrument Pilot Theory			
	Intro to Soc	Instrument Flight			
	Business Finance	Commercial Pilot Theory			
	Intro to Computers	Commercial Flight I & II			
	Technical Communication	Aviation Law			
	Physical Geography + Lab Course	Intro to Aviation Admin			
	Fundamentals of Speech	Human Factors in Aviation			
	Legal Environment of Business				
Organization & Mgmt					

Appendix D

TWO SAMPLE 4-YEAR SBS AVIATION TRANSPORTATION PLANS

Sample Four-Year Plan - SBS Aviation Transportation B.A.

Year 1

Autumn		Winter		Spring			
GE 1st Writing	5	Aviation 310 (AVN core)	5	Econ 200 or 201 (AVN elective)	5		
Aviation 300 (AVN core)	3	GE 1st Foreign Language	5	GE 2nd Foreign Language	5		
College Survey Course	1	Geography 240 (1st Social Science)	5	SBS Security Elective	5		
GE Math	5						
Quarter Hours	14	Quarter Hours	15	Quarter Hours	15	Yearly Hours	44

Year 2

Autumn		Winter		Spring			
GE 3rd Foreign Language	5	GE 4th Foreign Language	5	Acct 211 (AVN elective)	5		
Geography 607 (SBS core)	5	SBS Individ & Soc Elective	5	Geography 445 (SBS core)	5		
Geography 520 (SBS core)	5	AVN 540 (AVN core)	3	Aviation 550 (AVN core)	3		
Aviation 530 (AVN core)	3	AVN Elective	3	AVN Elective	3		
Quarter Hours	18	Quarter Hours	16	Quarter Hours	16	Yearly Hours	50

Year 3

Autumn		Winter		Spring			
Geography 645 (SBS core)	5	GE Historical Study	5	AVN Elective	3		
GE 1st Open Option	5	SBS Institutions Elective	5	GE Historical Study/Humanities	5		
Aviation 560 (AVN core)	3	GE 2nd Science	5	GE 2nd Writing	5		
GE 1st Science	5	AVN Elective	3	Aviation 650 (AVN Core)	3		
Quarter Hours	18	Quarter Hours	18	Quarter Hours	16	Yearly Hours	52

Year 4

Autumn		Winter		Spring			
Geography 580 (SBS core)	5	GE 3rd Science	5	AVN Elective	3		
AVN Elective	3	GE 2nd Social Science	5	GE Data Analysis	5		

GE Literature	5	GE Art	5	GE 2nd Open Option	5		
Quarter Hours	13	Quarter Hours	15	Quarter Hours	13	Yearly Hours	41
						Total Hours	187

Sample Four-Year Plan - SBS Aviation Transportation B.A.

Year 1

Autumn		Winter		Spring			
GE 1st Writing	5	Aviation 310 (AVN core)	5	SBS Security Elective	5		
Aviation 300 (AVN core)	3	GE 1st Foreign Language	5	GE 2nd Foreign Language	5		
College Survey Course	1	Geography 240 (1st Social Science)	5	Aviation 341 (AVN elective)	2		
GE Math	5			GE Data Analysis	5		
Quarter Hours	14	Quarter Hours	15	Quarter Hours	17	Yearly Hours	46

Year 2

Autumn		Winter		Spring			
GE 3rd Foreign Language	5	Aviation 410 (AVN elective)	3	Aviation 443 (AVN elective)	3		
Geography 607 (SBS core)	5	GE 4th Foreign Language	5	Geography 445 (SBS core)	5		
Aviation 342 (AVN elective)	2	SBS Indiv & Soc Elective	5	Aviation 415 (AVN elective)	3		
		GE 1st Science	5	SBS Institutions Elective	5		
Quarter Hours	12	Quarter Hours	18	Quarter Hours	16	Yearly Hours	46

Year 3

Autumn		Winter		Spring			
Geography 645 (SBS core)	5	GE 2nd Writing	5	Aviation 444 (AVN elective)	3		
Aviation 441 (AVN elective)	3	GE 2nd Science	5	Aviation 550 (AVN Core)	3		
Aviation 530 (AVN core)	3	Aviation 442 (AVN elective)	3	Aviation 413 (AVN elective)	3		
GE Historical Study	5	GE Historical Study/Humanities	5	Geography 520 (SBS core)	5		
		Aviation 540 (AVN core)	3				
Quarter Hours	16	Quarter Hours	18	Quarter Hours	14	Yearly Hours	48

Year 4							
Autumn		Winter		Spring			
Geography 580 (SBS core)	5	GE 3rd Science	5	GE Art	5		
GE 1st Open Option	5	GE 2nd Social Science	5	AVN 650 (AVN core)	3		
Aviation 445 (AVN elective)	3	GE Literature	5	GE 2nd Open Option	5		
AVN 560 (AVN core)	3			Aviation 446 or 461 (AVN elective)	3		
Quarter Hours	16	Quarter Hours	15	Quarter Hours	16	Yearly Hours	47
						Total Hours	187

SBS Aviation Major	
Course	Cr Hrs
Aviation Core (All Required = 28 hrs)	
AV 300: The National Aviation System	3
AV 310: Private Pilot Fundamentals	5
AV 530: Aviation Regulations	3
AV 540: Aviation Human Factors	3
AV 550: Aviation Management	3
AV 560: Aviation Safety	3
AV 650: Air Transportation Analysis 1	3
Acctg 211: Intro to Acctg OR Acctg 310: Foundations of Accounting	5
Aviation Electives (Choose 6 hrs)	
AV 322: Aviation History	3
AV 341: Private Pilot Flight Lab I	2
AV 342: Private Pilot Flight Lab II	2
AV 410: Aviation Weather	3
AV 413: Commercial Pilot Fundamentals	3
AV 415: Instrument Flight Fundamentals	3

Proposed SBS Aviation Transportation Major			
Course	Cr Hrs	Course	Cr Hrs
SBS Core (All Required = 30)		Aviation Core (All Required = 23)	
Geog 240: Economic & Social Geography	5	AV 300: The National Aviation System	3
Geog 445: Transportation Security	5	AV 310: Private Pilot Fundamentals	5
Geog 520: Climatology	5	AV 530: Aviation Regulation	3
Geog 580: Elements of Cartography	5	AV 540 - Aviation Human Factors	3
Geog 607: Fundamentals of Geographic Information Systems	5	AV 550: Aviation Mgmt	3
Geog 645: Geography of Transportation	5	AV 560: Aviation Safety	3
		AV 650: Air Transportation Analysis I (capstone)	3
SBS Electives (Choose 1 course from each of 3 categories = 15 hrs)		Aviation Electives (Minimum of 28 hrs)	
Security (at least 1)	5	ACCTMIS 211: Intro to Accounting -OR- ACCTMIS 310: Foundations of Accounting	5
Individual & Social (at least 1)	5	AV 294: Group Stds in Aviation	2-5
Institutional (at least 1)	5	AV 322: Aviation History	3
		AV 341: Private Pilot Flight Lab I	2
		AV 342: Private Pilot Flight Lab II	2
		AV 410: Aviation Weather	3

SBS Aviation Major	
Course	Cr Hrs
AV 591: Flight Network Analysis & Optimization	3
AV 674: Airport Systems Planning, Design, & Development	3
Aviation Mgmt Courses (Choose 6 Courses = 18-22 hrs)	
AV 552: Airport Mgmt	3
AV 591: Flight Network Analysis & Optimization	3
AV 652: Int'l Aviation System	3
AV 654: Airline Marketing	3
AV 674: Airport Systems Planning, Design, & Development	3
AV 750: Air Transportation Analysis II	3
Geog 645: Geography of Transportation	5
Econ 201: Principles of Macroeconomics	5

Proposed SBS Aviation Transportation Major			
Course	Cr Hrs	Course	Cr Hrs
		AV 413: Commercial Pilot Fundamentals	3
		AV 415: Instrument Flight Fundamentals	3
		AV 417: Commercial Flight Operations	2
		AV 421: Flight Instruction Methodology	3
		AV 422: Instrument Instruction Methodology	2
		AV 441: Commercial Flight Lab 1	3
		AV 443: Commercial Pilot Flight Lab 3	3
		AV 444: Commercial Pilot Flight Lab 4	3
		AV 445: Commercial Pilot Flight Lab 5	3
		AV 446: Commercial Pilot MEL Flight Lab 4	3
		AV 461: Flight Instructor ASEL Flight Lab	3
		AV 463: Flight Instructor AMEL Flight Lab	3
		AV 489: Professional Practices in the Industry	2
		AV 552: Airport Management	3
		AV 591: Flight Network Analysis & Optimization	3
		AV 593: Individual Studies in Aviation	2-5
		AV 652: The International Aviation System	3
		AV 654: Airline Marketing	3
		AV 674: Airport Systems Planning, Design and Development	3

SBS Aviation Major									
Course	Cr Hrs								
<table border="1"> <tr> <td>Aviation Core</td> <td>28 hrs</td> </tr> <tr> <td>Aviation Electives</td> <td>6 hrs</td> </tr> <tr> <td>Aviation Mgmt</td> <td>18-22 hrs</td> </tr> <tr> <td>Total Major</td> <td>52-56 hrs</td> </tr> </table>		Aviation Core	28 hrs	Aviation Electives	6 hrs	Aviation Mgmt	18-22 hrs	Total Major	52-56 hrs
Aviation Core	28 hrs								
Aviation Electives	6 hrs								
Aviation Mgmt	18-22 hrs								
Total Major	52-56 hrs								

Proposed SBS Aviation Transportation Major													
Course	Cr Hrs	Course	Cr Hrs										
		AV 693: Individual Studies in Aviation	2-5										
		AV 694: Group Studies in Aviation	2-5										
		AV 699: Undergrad Research in Aviation	1-5										
		AV 750: Air Transportation Analysis II	3										
		AV H783: Honors Research	2-5										
		Econ 200: Principles of Microecon	5										
		Econ 201: Principles of Macroecon	5										
<table border="1"> <tr> <td>SBS Core</td> <td>30 hrs</td> </tr> <tr> <td>SBS Electives</td> <td>15 hrs</td> </tr> <tr> <td>Aviation Core</td> <td>23 hrs</td> </tr> <tr> <td>Aviation Electives</td> <td>28 hrs</td> </tr> <tr> <td>Total Major</td> <td>96 hrs</td> </tr> </table>		SBS Core	30 hrs	SBS Electives	15 hrs	Aviation Core	23 hrs	Aviation Electives	28 hrs	Total Major	96 hrs		
SBS Core	30 hrs												
SBS Electives	15 hrs												
Aviation Core	23 hrs												
Aviation Electives	28 hrs												
Total Major	96 hrs												

Geography Courses in Aviation Transportation Major - Enrollment Utilization Aggregate Data By Course (2006-2010 - Averages)

Core Courses

Course	Enrolled	Avail Seats	% Enrolled	Waitlisted	# Times Offered
240	65	81	80.2%	0	13
445	33	90	36.7%	0	4
520	29	62	46.8%	0	13
580	21	50	42.0%	0	8
607	59	86	68.6%	0	8
645	31	56	57.9%	0	9

Elective Courses

Course	Enrolled	Avail Seats	% Enrolled	Waitlisted	# Times Offered
450	73	81	90.1%	0	12
460	54	87	62.1%	0	13
470	New Course				
635	40	50	80.0%	1	4
642	25	29	86.2%	1	3



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December 29th, 2010

Dr. Deborah Haddad

Assistant Dean for Undergraduate Affairs

Social and Behavioral Sciences

Haddad.2@osu.edu

Dear Dr. Haddad,

After careful review, we are in agreement with 1) The proposed Quarter System SBS Aviation Transportation Major and 2) The four year SBS Transportation plans that you outlined in your email of December 22nd on the subject and I have included in the attachments.

I believe that this should be a quarter system plan that we can move forward with. Thank you for getting this done. I want to wish you and your family a Happy New Year.

Best Regards,

MJ Benzakein, Ph.D.

Wright Brothers Institute Professor

Interim Chair, Aviation

The Ohio State University

TRANSMITTAL HISTORY
SBS AVIATION TRANSPORTATION MAJOR REVISION

Committee on Curriculum and Instruction
Approved Minutes
February 25, 2011 9:00-11:00am
Bricker Hall Room 200

- 1) SBS Aviation Major Revision (quarter)
 - a) Continued discussion of the revised major. Additional information from the Aviation and Geography departments. Letter of support from Aviation and assurance of Geography's ability to offer additional sections of the required courses if needed.
 - b) Motion: Vaessin, Daniels, **unanimously approved**

Committee on Curriculum and Instruction
Approved Minutes
October 15, 2010 9:00-11:00am
Bricker Hall Room 385

1. Aviation Transportation Revised Major Proposal (Guests: Deborah Haddad, Morton O'Kelly, Rick McClish)
 1. DH- This is an existing major, with changes intended to strengthen the social science component of the major. Reflects the changing world of aviation, safety and management.
 2. Goal of proposal is to provide a strong foundation for broadly defined aviation major, rather than a major focused primarily on flight training. Geography, security, society, and aviation core. Importance of transport as an area of study is already established. Courses from a variety of areas, addresses the goals of the college to have an integral and high quality major, not just flight training. Program drifted away from social science core, this revision is to make a more focused SBS major. Many credit hours are required, but much of this load is required by the FAA for flight training.
 3. Understand exceptions to this rigorous major may be needed on a case by case basis, but feel it is attainable for students.
 4. From Sciences Subcommittee: advise to the new GE. Through advising, going to have courses count for the GE and for the SBS core. Proposal is better for students now than when it came to subcommittee. Major has 183 hours. When transition to semesters, there are several Aviation courses that will be merged from 2 quarters to 1 semester, making it easier on students to complete the coursework.

5. From advising: people have asked why the present aviation major is an SBS major. Happy to see the revised major look more like an ASC major.
6. Review of proposal, page 19, table of courses
7. Questions:
 - A. In the letter from Fredal, there is a mention that Engineering, Business, and CAA are all in favor of the changes. Has this already gone to CAA?
 - I. No, but CAA is in favor of SBS revising the major
 - II. Clarification, it is the College of Engineering's CCAA, who is in favor of the revision.
 - B. Aviation management, 22 hours, went away? And replaced with 30 hours of SBS core? Is this correct?
 - I. Yes. Previously there was more room for free electives. Now, there is a structure for students to follow. The program includes: six SBS core courses in Geography (30 hours) and four electives to be chosen from three categories (at least 20 hours): Security; Individual and Social; and Institutions. In addition, the major will include an Aviation core (28 hours) and Aviation electives (9 hours).
 - II. 654, 750, Com 325, AV 417, 421 have been removed
 - III. Communications courses have been replaced with SBS COM because Aviation Communications program will not be ready until semesters.
 - IV. Major went from 56 to 87 hours.
 - C. The SBS courses added are mostly 500/600 levels. Are there prerequisites for these courses?
 - I. Of those, 240, Social Economics in Geography is a prerequisite, which is going to be a prerequisite for the major. The other courses do not have prerequisites
 - II. Documented in Appendix A, list of courses and the prerequisites
 - D. VW recommends in the CAA cover letter to better explain/justify where the 30 extra hours come from in the major. To support the major requirements of 86 hours.
 - E. Will Aviation or Engineering continue a separate program?
 - I. Three colleges confer the degree, BUS, SBS, ENG
 - II. Aviation will become a center for Aviation Studies.
 - III. More or less still parallel programs, footnote 3. Program is in line with University expectations as well as peer institutions.
 - IV. Some changes were not vetted through the university, made by aviation alone
8. Discussion:
 - A. Who exactly is proposing this?
 - I. SBS is the sponsor.
 - II. Proposal came about after complaints about not being able to get all the flight training in during the major.
 - III. Reorganized the electives

- B. There needs to be a letter from Aviation Department and College of Business to support the changes to the SBS major.
 - I. Needs to explain issues of advising
- C. Strange idea to have an SBS major administered through the department of Aviation; there are 57+ hours of SBS courses in this major. Core is 30 hours plus the SBS electives. Aviation has 26 hours.
- D. No conflict in major when the conversion to semesters. Aviation will merge courses, making less of a footprint, while the SBS core will remain unchanged. The issues for this one year transition are bigger than the concerns for the major under semesters.
- E. Would LK like to send the comments to the presenters?
 - I. Yes.
- F. Does the committee feel it needs to hear from representatives from Aviation?
 - I. Yes, but a letter from the department, detailing their satisfaction with the SBS major, would suffice. Letter would be the minimum, in person would be better
 - II. Will ask for a prompt letter, within a week, to be distributed electronically to CCI members.
 - 1. Letter must explain, clearly, how things will work in semesters.
 - 2. Will get feedback from CCI members, after review of letter, on whether or not the Aviation group should visit the next meeting
 - III. Like to see a table from Geography to show capacity for classes
- G. Proposal must be cleaned up. Discrepancies in numbers, credit hours, etc.
- H. Is there enough math in the major?
 - I. Yes, this is a BA, the BS will be going away with this revision.

Committee on Curriculum and Instruction
 Approved Minutes
 October 1, 2010 10:00 AM-1:00 PM
 Bricker Hall Room 200

- 1) 10:15: Aviation Transportation Revised Major Proposal (Guests: Seth Young and Deborah Haddad)
 - a) Mummy is asked to give a short explanation of the history behind the changes to major.
 - i) SBS courses have been added to the aviation core. Proposal was approved by e-vote over the summer by the Sciences CCI Subcommittee.
 - ii) Aviation exists in Engineering, Business, as well as SBS. The major developed in SBS is a management major, created in response to student interest.
 - iii) Guests cancel presentation, will reschedule at a later date.
 - iv) Move to table, Vaessin, Fitzpatrick second, **approved**

CCI Social, Behavioral, Biological, Mathematical and Physical Sciences Subcommittee
July 19, 2010--E-vote

From: Vankeerbergen, Bernadette
To: "fredal.1@osu.edu"; "daniels.7@osu.edu"; "lyvers-peffer.1@osu.edu";
"gupta.229@osu.edu"; Bitters, Todd;
Breitenberger, Caroline; Haddad, Deborah; "mumy.1@osu.edu"; Cohen, Jeffrey;
"zerby.8@osu.edu"
Cc: Eakins, Barbara; Gustafson, Terry; Vankeerbergen, Bernadette
Subject: Sciences CCI Subcommittee E-Vote Results
Date: Monday, July 19, 2010 3:15:15 PM
Attachments: SBS Aviation Transportation Major.doc
Aviation Transportation 4 year plan.xls
Existing vs Proposed Aviation Major.xls

Dear Sciences CCI Subcommittee Members-

Here are the results of the subcommittee's e-vote on History 322 and the revision to the Aviation Major. (You may have realized that the voting period got extended due to several of our members being away from their e-mail during the initial voting period.)

7 members voted:

History 322: unanimously approved

Revision to Aviation Major: approved by all 7 members (4 members approved the course without

comments; 3 members voted to approve the revisions with the contingencies expressed by Caroline Breitenberger). Deborah Haddad provided us with revised documents addressing the concerns expressed by Caroline. I am attaching those revised documents to this e-mail.

Please find below the various e-mail feedback that I received concerning the course and the major revision:

I) My votes are:

History 322 -- **APPROVE**

Aviation Major revision-- **APPROVE**

II) I vote to approve both proposals.

III) I vote to approve History 322 for the Diversity US category of the GEC.

I have some questions about the Aviation major revision:

First, I think the rationale makes sense, and the structure of the major is logical. Students completing this major will be well-prepared for various careers in and related to the aviation industry.

However, there are discrepancies in the course lists that need to be resolved, for example:

1. Many of the Aviation courses have different names than are currently listed in the catalog – are they already changed, or are course change forms being submitted?

2. The Geography courses listed under the “Institutional” category of the SBS electives (especially 450, 470, 647) do not seem to fit the stated rationale of, “issues surrounding international law, governmental oversight, employment legislation, and effective business communication.”

(I can see how maybe Geog

635 – Globalization and Environment might fit in this category.)

3. The SBS elective lists in Appendix A and B are very different from each other and need to be reconciled.

4. Comm 325 is listed as part of the Aviation core in Appendix B, but it is included with the “Institutions” SBS electives in Appendix A. (and, is it “Institutional” or “Institutions?”)

These are all minor, and I vote to approve the major revision with the contingency that the above issues be addressed.

IV) you can count me as approval

V) I approve the History Diversity status, and also approve the Aviation revisions, with the contingencies that Caroline mentioned, all of which really have mostly to do with consistency in language (course names: are they already changed or are there proposals for name changes, or is this an error? Area name: is it Institutions or Institutional. Seems minor but it should be clear and consistent for students. Elective lists in appendices need to be reconciled. The final one, the SBS course listings, might be more serious. Maybe they just need to clarify how these courses fit into the institutions/Institutional category). Like Caroline, I'm happy to approve this with contingency that they correct these details.

VI) I approve the proposed changes to History 322 (Diversity US GEC).

I also approve the revisions to the Aviation Major.

VII) I vote yes on History 322 for the Diversity US category of the GEC and I'm OK with the Aviation major revision with Caroline's contingencies. (Thanks to Caroline for being so thorough.)

Thank you all for voting and enjoy the rest of the summer!

Best,

Bernadette

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