

Institute Undergraduate Curriculum Committee
Academic Matters, Appeals, & Petitions (Full Committee)
Minutes

Tuesday, May 9, 2017

Present: Mayor (ME-IUCC Chair), Scott (CEE-IUCC Vice Chair), Pikowsky (Registrar), Goodisman (BIOS-BIOL), LeBlanc (CoD-ARCH), Millard-Stafford (BIOS-APPH), Moore (ECE), Potts (Vice Provost), Shepler (Faculty Exec. Board Liaison), Shook (ML), Smith (ME), Stasko (CoC-IC), Wilkinson (CHEM & BCHEM), Xu (CoC-CS), Zhou (ISyE)

Visitors: Hodges (Registrar), Bier (HSOC), Behravesh (BMED), Belton (ECON), Gallego (ECON), Spencer (OUE), Woolard (OAE), Atwaters (OMED), Comfort (ML), Rinehart (CoD), Steinbart (Math), Toktay (CoB), Shofner (MSE), Seitzman (AE)

Note: All action items in these minutes require approval by the Academic Senate. In some instances, items may require further approval by the Board of Regents or the University System of Georgia. If the Regents' approval is required, the change is not official until notification is received from the Board to that effect. Academic units should take no action on these items until USG and/or BOR approval is secured. In addition, units should take no action on any of the items below until these minutes have been approved by the Academic Senate or the Executive Board. Notification or approval by the Southern Association of Colleges and Schools-CoC may also be required.

The presence of 12 voting members is needed to reach a quorum.

Note: All votes are unanimous unless specifically noted otherwise.

Administrative Matter:

1. It was discovered by the Registrar's Office that APPH 3500: Nutrition and Health had some outdated courses listed as pre-requisites (HPS 1040, 1062, 1063 and 1064). The Registrar's Office confirmed with the School of Biological Sciences that the pre-requisites should be updated to APPH 1040 or APPH 1050. This change was made in BANNER effective 201705. This update serves as notification to the IUCC.

Academic Matters:

1. A motion was made to *approve* a request from the School of History and Sociology for a new course. The motion was seconded and approved.

NEW COURSE – APPROVED

HTS 3076: History of Intelligence and National Security (3-0-3)

Note: The Committee suggested a change in the transcript title from ‘HIST OF INTELLIGENCE’ to ‘HISTORY OF INTEL’.

A motion was made to *approve* a request from the School of History and Sociology for a degree modification. The motion was seconded and approved.

DEGREE MODIFICATION – APPROVED

Bachelor of Science in History, Technology, and Society

Overview

The School of History and Sociology proposes to add a cluster of subject specialization classes to the HTS major requirements. This specialization would be in the form of a three-class (nine credit hours) sequence, with classes chosen from courses grouped into eight different thematic options. The nine credit hours used for the specialization would be drawn from the Major Requirements, where there are currently 12 credit hours of HTS electives required. This specialization would provide some structure to those 12 credit hours. Nine of the 12 required HTS hours in the Major Requirement would fulfill the subject specialization requirement, with the remaining one class/three credit hours to be of the student’s choosing. The proposed areas of specialization, as approved by the Undergraduate Curriculum Committee and the faculty in the School, are as follows:

- U.S. Politics and Society
- Global Studies
- Science, Technology, and Medicine
- Communities, Environment, and Sustainability
- Power, Inequality, and Social Justice
- Politics, Economics and Innovation
- Culture and Society
- “Custom” specialization, to be created in consultation with the advisor, that represents the student’s area of interest within history and sociology that is not adequately represented by the other choices of specialization areas.

We seek this change to give our students more specialization within the degree while preserving flexibility, thus helping them to envision for themselves and communicate to others what their degree in HTS has prepared them to undertake as post-graduates.

Curriculum

Major Requirements

Select three of the following: ³

9

HTS 1081	Engineering in History
HTS 2080	Intro Hist Disease & Med
HTS 2081	Scientific Revolution
HTS 2082	Tech& Sci-Industrial Age
HTS 2084	Technology and Society
HTS 2100	Sci, Tech & Modern World
HTS 3001	American Economic Hist
HTS 3007	Soc of Work and Industry
HTS 3020	Gender and Technology
HTS 3021	Women in Science & Engr
HTS 3046	Sci Pol Culture Nazi Ger
HTS 3080	History of Rocketry
HTS 3081	Tech and Environment
HTS 3082	Sociology of Science
HTS 3083	Tech & American Society
HTS 3084	Culture & Technology
HTS 3085	Law,Technology& Politics
HTS 3086	Soc of Medicine & Health
HTS 3087	History of Medicine
HTS 3088	Race Medicine & Science

HTS 3089	Science Tech & Sports	
Select 8 credit hours of the following: ³		8
HTS 4001	Seminar in US History	
HTS 4011	Seminar in Sociology	
HTS 4031	Seminar in European Hist	
HTS 4061	Seminar in Asian History	
HTS 4081	Seminar in Hist of Tech	
HTS 4086	Sem Health Med & Society	
HTS 4091	Seminar Global Issues	
HTS Electives		12

HTS Elective **3**

HTS Specialization Electives **9**

Select three classes from one of the following specialization groups:

U.S. Politics and Society

HTS 2001 – Early American History

HTS 2002 – American Revolution

HTS 2006 – History of The Old South to 1865

HTS 2007 – History of the New South

HTS 2011 – The Gilded Age

HTS 2013 – Modern America

HTS 2015 – History of Sports in America

HTS 2052 – North American Borderlands

HTS 2085 – Reel History

HTS 3001 – American Economic History

HTS 3002 – History of American Business

HTS 3005 – American Environmental History

HTS 3006 – United States Labor History

HTS 3009 – The American Civil War

HTS 3011 – The City in American History

HTS 3012 – Urban Sociology

HTS 3015 – History of Vietnam War

HTS 3016 – Women and Gender in the US

HTS 3018 – New Religions and Cults in America

HTS 3019 – The Family, Sexuality, and Social Change in America

HTS 3023 – Free People of Color

HTS 3024 – African-American History to 1865

HTS 3025 – African-American History since 1865

HTS 3026 – Race and Ethnicity

HTS 3027 – The Civil Rights Movement

HTS 3068 – Social Movements

HTS 3070 – Culture and Society

HTS 3073 – Sociology of Sports

HTS 3022 – Gender and Sports

HTS 3083 – Technology and American Society

HTS 3100 – Introduction to Museum Studies

Global Studies

HTS 1031 – Europe since Renaissance

HTS 2036 – Revolutionary Europe

HTS 2037 – 20th Century Europe

HTS 2040 – History of Islamic Societies to 1500s

HTS 2041 – History of the Modern Middle East

HTS 2051 – Colonial Latin America

HTS 2061 – Traditional Asia

HTS 2062 – Asia in Modern World

HTS 2100 – Science, Technology, and the Modern World

HTS 3030 – History of Medieval Europe (350-1400)

HTS 3031 – European Labor History

HTS 3032 – European Intellectual History

HTS 3033 – Medieval England

HTS 3035 – Britain 1815-1914

HTS 3036 – Britain since 1914

HTS 3038 – French Revolution

HTS 3039 – Modern France

HTS 3041 – Modern Spain

HTS 3043 – Modern Germany

HTS 3045 – Nazi Germany and the Holocaust

HTS 3046 – Science/Politics/Culture Nazi Germany

HTS 3048 – Modern Russian History

HTS 3051 – Women/Gender in Middle East

HTS 3055 – Globalization in the Modern Era

HTS 3061 – Modern China

HTS 3062 – Modern Japan

HTS 3063 – British Colonization

HTS 3064 – Sociology of Development

HTS 3065 – History of Global Societies

HTS 3067 – Revolutionary Movements

HTS 3069 – Modern Cuba

Politics, Economics, and Innovation

HTS 1081 – Engineering in History

HTS 2016 – Social Issues and Public Policy

HTS 2100 – Science, Tech, and the Modern World

HTS 3001 – American Economic History

HTS 3002 – History of American Business

HTS 3003 – Sociology of Economic Institutions

HTS 3006 – United States Labor History

HTS 3007 – Sociology of Work and Industry

HTS 3031 – European Labor History

HTS 3064 – Sociology of Development

HTS 3066 – Sociology of Politics and Society

HTS 3068 – Social Movements

HTS 3080 – History of Rocketry

HTS 3083 – Technology and American Society

HTS 3084 – Culture and Technology

HTS 3085 – Law, Technology, and Politics

Science, Technology, and Medicine

HTS 1081 – Engineering in History

HTS 2080 – Introduction to the History of Disease and Medicine

HTS 2081 – Scientific Revolution

HTS 2082 – Technology and Science in the Industrial Age

HTS 2084 – Technology and Society

HTS 2100 – Science, Tech, and the Modern World

HTS 3020 – Gender and Technology

HTS 3021 – Women in Science and Engineering

HTS 3046 – Science, Politics, and Culture in Nazi Germany

HTS 3080 – History of Rocketry

HTS 3081 – Technology and the Environment

HTS 3082 – Sociology of Science

HTS 3083 – Technology and American Society

HTS 3084 – Culture and Technology

HTS 3085 – Law, Technology, and Politics

HTS 3086 – Sociology of Medicine and Health

HTS 3087 – History of Medicine

HTS 3088 – Race, Medicine, and Science

HTS 3089 – Science, Technology, and Sports

Communities, Environment, and Sustainability

HTS 3005 – American Environmental History

HTS 3011 – The City in American History

HTS 3012 – Urban Sociology

HTS 3026 – Race and Ethnicity

HTS 3064 – Sociology of Development

HTS 3071 – Sociology of Crime

HTS 3072 – Sociology of Education

HTS 3081 – Technology and the Environment

Power, Inequality and Social Justice

HTS 2016 – Social Issues and Public Policy

HTS 3006 – United States Labor History

HTS 3008 – Class, Power, and Inequality

HTS 3011 – The City in American History

HTS 3012 – Urban Sociology

HTS 3016 – Women and Gender in the US

HTS 3017 – Sociology of Gender

HTS 3020 – Gender and Technology

HTS 3021 – Women in Science and Engineering

HTS 3022 – Gender and Sports

HTS 3023 – Free People of Color

HTS 3024 – African-American History to 1865

HTS 3025 – African-American History since 1865

HTS 3026 – Race and Ethnicity

HTS 3027 – The Civil Rights Movement

HTS 3031 – European Labor History

HTS 3051 – Women/Gender in the Middle East

HTS 3067 – Revolutionary Movements

HTS 3068 – Social Movements

HTS 3071 – Sociology of Crime

HTS 3072 – Sociology of Education

Culture and Society

HTS 2015 – History of Sports in America

HTS 2085 – Reel History

HTS 3022 – Gender and Sports

HTS 3046 – Science, Politics, and Culture in Nazi Germany

HTS 3070 – Culture and Society

HTS 3073 – Sociology of Sports

HTS 3084 – Culture and Technology

HTS 3100 – Introduction to Museum Studies

Custom Specialization

In consultation with an advisor, students choose three HTS classes with a coherent theme that is not reflected in the other six pre-approved areas of specialization.

Non-Major Cluster

Non-Major Cluster ^{4,5}

12

Free Electives

Free Electives ⁵ 18

Total Credit Hours 122

Course List

Pass/fail: Students can do pass/fail for HTS electives (including courses taken to fulfil the specialization requirement), non-major cluster, and free electives. However, students who complete at least 91 credit hours at Georgia Tech are limited to 6 pass/fail credit hours in HTS electives and students who complete less than 90 credit hours at Tech are limited to 3 pass/fail credit hours in HTS electives.

2. A motion was made to *approve* a request from the School of Modern Languages for new courses. The motion was seconded and approved.

NEW COURSES – APPROVED with syllabus edits

SPAN 4151: Spanish Service-Learning Abroad I (3-0-3)

The vote to approve this course was not unanimous. There were 12 votes to approve and 1 vote to abstain.

Note: The Committee advised that the syllabus should include a grading breakdown which would also clarify the in-class participation grade. “Service learning” should be defined in the syllabus.

The most up to date version of the NCP (which includes updates to the grade modes) is located on the IUCC site under Proposal 4888.

NEW COURSES - APPROVED

SPAN 4152: Spanish Service-Learning Abroad II (3-0-3)

SPAN 4153: Diversity in Spain (3-0-3)

SPAN 3151: Conversation Practicum (3-0-3)

A motion was made to *approve* a request from the School of Modern Languages for a new course with an attribute. The motion was seconded and approved.

NEW COURSE WITH ATTRIBUTE – APPROVED

ML 2500: Think Globally, Act Locally: Introduction in Cross-Cultural Studies (3-0-3)

Note: The Committee requested that all changes indicated by the Gen Ed Subcommittee be included in the syllabus and the Core Curriculum Form. The Registrar’s Office will work with the unit to ensure all changes are made and

uploaded to the ICC site. Rubric for assigning grades, on gradable assignments, needs to be added. Expectations for the short essays should be discussed in class.

A motion was made to *table* a request from the School of City and Regional Planning for a minor modification. The motion was seconded and approved.

Minor modification – TABLED Minor in Sustainable Cities

Note: The Committee suggested updating the language which states the list of courses eligible for the minor is not exhaustive and others may be approved by the Chair of the School of City and Regional Planning. The Committee advised that any changes to any program (including adding courses to lists for electives, minors, etc.) must be approved by IUCC. The Committee suggested the format of the minor include two required courses, two courses from list provided by School, and one elective that may be outside of the list and up to the discretion of the School.

3. A motion was made to *approve* a request from the School of Music for an update to the change of major policy. The motion was seconded and approved.

Change of major policy – APPROVED

This change in policy has also been approved by the Student Regulations Committee. The results of the IUCC vote will be forwarded to that Committee for the next Academic Faculty Senate meeting and inclusion in the Catalog. Note that the Student Regulations Committee had also suggested some slight changes in wording.

Proposed new language highlighted below.

VI. Scholastic Regulations

F. Change of Major

1. Undergraduate students, with the exception of entering freshmen, by filing the required form, will be permitted one unrestricted transfer between majors (including undecided) until they have accumulated credit for sixty hours. After sixty hours or upon subsequent request for transfer, the transfer will be permitted at the discretion of the school that the student is seeking to enter. Students who transfer from another institution to pursue a degree at Georgia Tech will be permitted to change their major only at the discretion of the school that the student is seeking to enter. Transfer students are not eligible for the one unrestricted change of major. (Note: Certain majors, because of high enrollment, have been granted a waiver of the one unrestricted transfer regulation. Students should consult with the individual school concerning its current transfer policy.)

Programs with Change-of-Major restrictions:

[Industrial and Systems Engineering](#)

[Mechanical Engineering](#)

[Music Technology](#)

A panel of faculty from the School of Music reviews all portfolios for admission into the program. If the review panel determines that the portfolio does not meet the competitive requirements for the School of Music, the student will be denied entry into the Bachelor of Science in Music Technology program.

2. Graduate students, by filing the required form, may transfer with the concurrence of the schools involved and the graduate dean.
3. Students who change their majors must complete the degree requirements in the Catalog that was effective for the term in which the change of major became official, or any subsequent Catalog.
4. Admitted freshmen will not be allowed to submit a request for a change of major until after the deadline for withdrawal from classes with a W grade in the first term of their enrollment. The change would be effective for the second term of enrollment. This includes a change of major within the student's current College. For freshmen admitted for Summer, the restriction is lifted after the withdraw deadline of their second semester of enrollment. All other restrictions also apply.
5. A motion was made to *approve* a request from the School of Biological Sciences for a change in the catalog. The motion was seconded and approved.

Change in catalog – APPROVED
Bachelor of Science in Biology

Proposed catalog language: Include 'VIP courses with a Biological Sciences instructor' to breadth electives.

See Proposal 5213 for memo of requested change. The VIP courses will not be added to the curriculum, but only approved by unit if student completes the appropriate courses.

A motion was made to *approve* a request from the School of Biological Sciences for a degree modification. The motion was seconded and approved.

DEGREE MODIFICATION – APPROVED
Bachelor of Science in Biology

The School of Biological Sciences is requesting to update information on the BS BIO and BS BIO-Business Option degrees to reflect:

Include with the current CHEM 2312 Organic Chemistry course (Area F requirement) the new CHEM 2313 Bioorganic Chemistry course developed specifically for life science majors. Both courses have the same prerequisite of CHEM 2311 Organic Chemistry I. Both courses will be permitted.

6. A motion was made to approve a request from the School of Aerospace Engineering for a new course. The motion was seconded and approved.

NEW COURSE – APPROVED

AE 4376: Accident Causation and Safety (3-0-3)

A motion was made to *approve* a request from the School of Aerospace Engineering for a minor modification. The motion was seconded and approved.

MINOR MODIFICATION – APPROVED

Minor in Aerospace Engineering

The AE undergraduate curriculum has undergone extensive revisions over the past two years. Many of the courses have been phased out, and new required courses and electives have been introduced. For example, the courses required for the minor: AE 1350, 2020, and 3310 will no longer be taught, and are being replaced by the new equivalent courses.

The changes are as follows:

- Same number of hours (15).
 - Two of courses in the currently approved minor (AE 2020 and AE 3310) are being replaced by equivalent courses in the new AE curriculum (AE 3030 and AE 3330).
 - The third course, AE 1350, is being replaced by a foundational course (AE 2010).
7. A motion was made to *approve* a request from the Office of Minority Educational Development. The motion was seconded and approved.

NEW COURSE – APPROVED

GT 0900: Challenge Summer Intensive Residential Program: Interpersonal Development Course (2-0-0)

The vote to approve this course was not unanimous. There were 10 votes to approve, 1 vote to deny, and 1 vote to abstain.

Note: The course was originally numbered GT 1101. The Committee noted that this course seems to serve as oXXX-level course.

8. A motion was made to *take no action on* a request from the School of Materials Science and Engineering for pre-requisite modifications. The motion was seconded and approved.

PRE-REQUISITE MODIFICATIONS – No Action

This proposal was submitted previously as Proposal 5017. No action is therefore needed by the Committee.

9. A motion was made to *approve* a request from the Department of Biomedical Engineering for a new course. The motion was seconded and approved.

NEW COURSE – APPROVED

BMED 4739: Medical Robotics (3-0-3)

10. A motion was made to *approve* a request from the Center for Serve, Learn, Sustain for a new course. The motion was seconded and approved.

NEW COURSE – APPROVED

SLS 3120: Foundations of Sustainable Systems (3-0-3)

The vote to approve this course was not unanimous. There were 11 votes to approve and 2 votes to abstain.

A motion was made to *approve* a request from the Center for Serve, Learn, Sustain for a new course. The motion was seconded and approved.

NEW COURSE WITH ATTRIBUTE (ETHICS)– APPROVED

SLS 3110: Technology and Sustainable Community Development

The vote to approve this course was not unanimous. There were 12 votes to approve and 1 vote to deny.

Note: The IUCC Chair reminded the Committee that courses requesting Ethics attributes are approved by the Institution as Ethics are not approved by the University System Office. The “ethics” requirement operates differently at Tech and does not fall into the “Humanities, Fine Arts, and Ethics” category.

Note: Syllabus updates requested by the Committee:

- Learning outcomes should be updated to highlight how assessment will operate. It was noted that the learning outcomes are a subset of those outlined in the QEP plan. The outcomes should be outlined in the syllabus. It was also noted that this has been a moving target with changes as the plan unfolds.

- ADAPTS should be updated to be described as the Office of Disability Services.
- Class participation grades should be clarified in regards to how students will know how they are doing and how often feedback will be provided. For example, at midpoint in the term it would be important for students to receive some feedback.

Discussion Items:

1. The School of Modern Languages addressed the Committee with a presentation about a forthcoming proposal for a BS/MS Option for BS/MSALIS.

It was suggested that the Graduate Curriculum Committee first vote on the new MS proposal before the IUCC takes up the BS/MS discussion. The Committee also expressed concern that the existing BS program not suffer due to the creation of the MS program. Quality and commitment to the BS program should not be sacrificed so that the MS can be created. It is expected that resources be managed to ensure quality and commitment for both degrees.

2. The School of Economics and School of Mathematics addressed the Committee with a presentation about a forthcoming proposal for a new degree in Economics and Mathematics.

Committee members wondered if this would really be a new degree, or half of each combined into a degree. If the core requirements of the ECON degree and the MATH degree are put together, the Committee members wondered what would constitute the “glue” of this new degree. Possible areas in which graduates might find employment could be finance, banking, or forecasting. There was also a question as to whether it would really be a “mathematical economics” degree. This would not seem likely since there already is such a discipline. The question was raised about what would be a proper title for the degree.

Adjourned,

Reta Pikowsky, Registrar
Secretary