LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 5 September, 2014

Attending:  V. Dark; S. Hamilton; D. Hollander; S. Lence; L. Quinn-Allen; M. Sivils; A. Slagell; M. Viatori; R. Wallace; J. Wilson; G. Miller (chair)

Called to order at 3:10 pm

The LAS Curriculum Committee wishes to thank Prof. Rob Wallace for his six years of superb leadership of this committee. Among other items, he facilitated the transition to on-line submissions of experimental courses and catalog modifications and publishing.

I. Introductions

A. Setting F2014 meeting schedule
   a. Sept. 19; Oct. 3; Oct. 17; Oct. 24, if needed; Nov. 7; Nov. 21, if needed; Dec. 5
   b. L. Quinn-Allen suggested that the means of communicating agenda items, minutes, etc. in CyBox to be organized by meeting date.

B. Reviewing Cluster Group areas and responsibilities
   a. Departmental curriculum chairs will be added to the cluster list.
   b. Masthead narrative changes will be reviewed in Fall, 2014; course change reviews occur in Spring, 2015.

II. Announcements

A. Approval of Meeting Summary from 2 May 2014
   a. Motion to approve by V. Dark, second by S. Lence. Vote: unanimous approval

B. Actions taken since last meeting
   a. This is a new section in the minutes, added as the final section.
   b. G. Miller pointed out renumbering of two approved X-courses: SPAN 290X to SPAN 285X and LING/ENGL 517X to 530X (NOTE: the number 517 had been used within the last four years, so was disallowed at the registrar’s level).
   c. LAS 400: A. Slagell explained that it will serve as a placeholder course for students approved to participate in the 3+3 law program at Drake or University of Iowa until their courses transfer back to ISU.

C. News and updates
   a. General Updates
      1. College update on Higher Learning Commission Accreditation (A. Slagell)
         i. The visit is scheduled for Nov 2-3, 2015.
         ii. A university-wide effort will be the Collection of all syllabi (all sections, all offerings) for federal compliance issues: credit matching workload, consistency across semester, configuration, online/on-campus, learning outcomes vs. catalog copy.
         iii. Graduate education will be of interest to the team this review cycle.
iv. Department level learning outcomes and conversations are hoped for as part of the review.

v. Subgroup on Quality Assurance document will link to evidence to show ISU’s compliance with criteria for accreditation.

vi. Subgroup on Quality Initiative will focus on whether our grads are prepared for first jobs after ISU.

vii. More information is available on the 2015-16 HLC Accreditation Process link on this page: [http://www.provost.iastate.edu/help/program-review](http://www.provost.iastate.edu/help/program-review)

2. Idea of LASCC inviting department/program curricular updates preceding external reviews

   i. Departments and programs up for review in 2015-16: Computer Science, Math, Software Engineering, Women’s Studies, Bachelor of Liberal Studies

   ii. No decision was made. G. Miller will explore the possibility.

b. Other (specific) updates

   1. Operations Research Renaming approved by LAS Representative Assembly on 5/7/2014

   2. Computing Applications Certificate approved by LAS Representative Assembly, 5/7/2014

III. Unfinished Business

A. General Education, USD/IP Additions and Deletions

   a. None

B. Experimental Courses

   a. **ECON 392X**

      1. No word as yet (the course was originally proposed for S’15). Most likely to be re-submitted after major departmental revisions.

   b. **MUSIC 201X**

      1. George Work (submitter), R. Wallace, and G. Miller have had exchanged e-mail communications to resolve the following four issues.

         i. Graduation Restrictions: Only one of 101, 201X, or 221 can count toward graduation.

         ii. Modification of course description – agreed upon.

         iii. Pre-requisites: Suggestion to add a statement into the catalog description that resembled the pre-requisite stated from Music 101. The pre-req must be succinct, enforceable, and work for the Registrar’s Office.

         iv. Repeatability: Has been clarified; not repeatable

IV. New Business

A. General Education, USD/IP Additions and Deletions

   a. **GEOL 160** for **International Perspectives**

      1. Motion to approve by V. Dark. Second by D. Hollander. Vote: unanimous approval (9-0-0)

B. Experimental Courses

   a. **ENGL 561X**

      1. Meant to complement thesis work; differs from ENGL 508 by not focusing on writing for academic journals.
2. Fall 2015 as the first offering; will it regularly be offered in a certain term?
3. S. Lence moved approval “as is”. Second by V. Dark. Vote: unanimous approval (9-0-0).

b. **MTEOR 113X**
   1. Add comma in course title: “Earth, Wind and Fire…”
   2. Discussion of possible pre-requisite (GEOL/MTEOR 112); R. Wallace and A. Slagell mentioned that other departments offer such learning community orientation courses to maintain enthusiasm and retention throughout the academic year.

C. **Majors / Minors / Programs**
   a. Public Management: Name change proposal (FORM G) to change from
      1. Certificate of Public Management (current title) to **Certificate of Public Management and Policy** (proposed title)
      2. Proposal document (in Point 2) should now reflect that the Board of Regents did vote to terminate the MPA in Spring, 2014
      3. Motion to approve by V. Dark. Second by M. Sivils. Vote: 9-0-0.
      4. Will need a voting record to accompany documents to the next approval stop. The chain of approval is within ISU; Board of Regents approval is not needed.
   b. Political Science: Request for new Area of Specialization
      1. New area of specialization: **Public Policy**
      2. Proposal document (in Point 8, first sentence) should reflect the Board of Regents decision to terminate MPA in Spring, 2014.
      3. Proposal document (in Point 9), strike Political 507X to be POL S 507.
      4. Motion to approve by V. Dark. Second by D. Hollander. Vote: unanimous approval (9-0-0). The committee recommends that the proposal be updated to reflect the official discontinuation of the MPA.

D. **Other**
   a. D. Hollander asked about resurrecting experimental courses that had been approved but had not been offered. R. Wallace, A. Slagell, and S. Hamilton agreed that this approval was an executive decision of the LASCC chair. HIST 310X and 311X would like to be offered, respectively, in Spring, 2015 and Fall, 2015 (HIST 310X = “Africa to 1880”; HIST 311X = “Africa under Colonial Rule”). G. Miller will look into the status of these applications / approvals with the Registrar’s office.
   b. G. Miller suggested working with cluster-area approvers when new proposals are submitted to obtain necessary info before review by the committee, to essentially liaise with the proposing department and be prepared to give a little more detail. No final decision was made; however, this may become possible when agendas are posted on Wednesdays before Friday meetings. S. Hamilton hopes to alert departments when their proposals will likely appear on the agenda and inform them that the cluster coordinator may reach out with questions of clarification.
   c. Discussion of whether departmental curriculum chairs should come to the LASCC to present their proposals. The general consensus was that this is unnecessary.
V. Adjournment: 4:49PM
A. Next meeting: Sept. 19

S. Hamilton- September 8, 2014
G. Miller- September 17, 2014
Approval, September 19, 2014; motion by L. Quinn Allen; second by S. Lence; approved unanimously.

VI. Action Taken Since Last Meeting:
A. 9-Sep, Announcements sent from Registrar (C. Hulsebus) and LASCC (S. Hamilton/G. Miller) to editors/approvers of courses and catalog pages.
B. ANTHR 419: updated to remove repeatability.
C. BBMB 504X-507X: with CALS curriculum committee.
D. CHEM 401L: Pre-requisite change.
E. EEOB 514 / BIOL 414: Catalog description needs revision.
F. ENGL 490I: “Independent Study for UG TAs”, must be renumbered to 491, 492, …
G. HIST 310X / HIST 311X: No record of 310X found; record of 311X exists with registrar.
H. HIST 453 Creation of American Law: dropped from catalog after 2009, would like to offer this in S2015 and then regularly.
I. SOC 484: make repeatable and add cross-list with CCJST 484 – not approved from Char (not minor change); to begin F2015.
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, September 19, 2014


Called to order at 3:11PM.

I. Review of Meeting Summary (5-Sep-2014): Motion to approve 5-Sep-2014 minutes by L. Quinn Allen; second by S. Lence. Vote: unanimous approval

II. Announcements
   A. Actions taken since last meeting
      1. G. Miller pointed out that SOC 484 is to be cross-listed with CJ ST.
   B. News and updates
      1. Reference documents distributed
         a) Updated list of Cluster Groups with program/department curriculum chairs
         b) Standard workflows for catalog updates and experimental courses
      2. General Updates
         a) FSCC: S/F and A-F combinations for courses will be a discussion point in the coming academic year as suggested by the Registrar’s office; some discussion about the challenges of motivating students with S/F grading, so some courses converted to A-F grading; anyone with opinions or suggestions should follow-up with G. Miller.
         b) FSCC: There will be future discussions of the approval process for courses in jointly administered departments; issues include potential resource management differences among the different colleges.
         c) FSCC: Registrar requests that 1) instructor names be removed from course descriptions, 2) pre-requisites be revised to be specific (recommendation out of early-credit task force) – examples include i) using specific course designators; ii) “at least xx credits (earned in the discipline) or (earned from Iowa State University); or iii) “Junior classification” but after thorough review.
   3. Other (specific) updates
      a) New Programs for the Board of Regents: Any potential new programs need to be placed on the Provost’s list. There is a possible Software Engineering graduate degree and a possible Criminal Justice major. If anyone is aware of other new programs that are being conceived, let G. Miller know. (Amy Slagell added Masters degree program in Statistics – 23-Sep-2014)

III. Unfinished Business
   A. General Education, USD/IP Additions and Deletions- None on the agenda.
   B. Experimental Courses
      1. ECON 392X Update
         a) Economics will update the submission in the next month or so. They plan to separate out the career and research components. The existing career seminar (ECON 292)
may transition into an anchor course with two sub-heads, one that is required for agricultural business students and another that is optional for economics students. The number 292, however, cannot be used according to Registrar’s policy; 293 is an available number for the anchor course.

IV. New Business
A. General Education, USD/IP Additions and Deletions – None on the agenda.
B. Experimental Courses
1. **LAS 134X** Successful Academic Practices Course
   a) Description needs to be in catalog format and include specific course outcomes.
   b) How is the course different from PSYCH 131, other than the audience? Has Chris Meisner been consulted?
   c) Comments: Trying as an experimental course will let us know of real demand. It may be valuable to cross-list as a Psychology course, at the experimental stage, or in the future. Should a graduation restriction be in place so that students can’t take both PSYCH 131 and this course?
   d) Can a non-faculty member propose a course?
   e) The proposal was tabled for review and resubmission. G. Miller will touch base with A. Slagell to discuss the committee’s recommendations and responses.

2. **COM S 435X/535X** Algorithms for Large Data Sets: Theory and Practice
   a) What is the unifying theme of this course? The catalog description should assist students in understanding the conceptual framework for the course, including some topics. It is possible that if another instructor would teach this course at a later time, the list of topics could change. For example: “Theoretical and practical aspects of challenges produced by massive data sets. … Topics will include…”
   b) Is instructor a confirmed member of the Graduate Faculty? (Yes, GM)
   c) Differential expectations look good for dual-list.
   d) R. Wallace moved approval “on condition that chair is satisfied with resolution of a) and b) above”. Lence seconded. Vote: Unanimous approval. G. Miller will obtain satisfactory answers to the Committee’s questions and then approve in CIM-X.  
   (Revised description received 22-Sep-2014; approved in CIM-X on 24-Sep-2014. GM)

3. **LAS 360X** Contemporary Experiences of Asian American Women, USD Proposal
   a) The Committee recommends a pre-requisite such as LAS 225 that demonstrated evident progress in the discipline.
   b) L. Quinn Allen moved to approve the course “on condition that chair is satisfied with resolution of prereq concern”; M. Sivils seconded. Vote: unanimous approval. G. Miller will follow-up with A. Slagell and J. Dusselier. (one of W S 201, LAS 225, or SOC 134; and ENGL 250 is revised pre-req after consultation with J. Dusselier and A. Slagell. GM)
   c) S. Lence moved approval of US Diversity status; M. Viatori seconded. Vote: Unanimous approval. S. Hamilton will hold the USD approval until the course is officially approved.

C. Majors / Minors / Programs – None on the agenda.
D. Other
   1. Update from History- Because D. Hollander was absent, this item was dropped from the agenda.
V. Adjournment: 4:12PM
   A. Next meeting October 3

S. Hamilton 9/22/2014
G. Miller 10/01/2014
Approved 10/3/2014; motion to approve by R. Wallace; seconded by S. Lence. Unanimous Approval.

VI. Action Taken Since Last Meeting:
   A. BBMB 504X-507X approved by CALS Curriculum Committee
   B. COM S 435X/535X approved; instructor is member of graduate faculty, course description revised to provide conceptual explanations of course content
   C. EEOB 514/Biol 414 course description and pre-requisites revised
   D. ENV S 324 (“Energy and the Environment”, in catalog since 2004): Noted exact title for ABE 423X – contacted ABE (R. Raman); they will discuss modifying the title
   E. HIST 453 (“Creation of American Law”): Reactivation approved; no concerns from Political Science department
   F. HIST 311X: Reactivation approved
   G. LAS 360X approved; revised pre-requisites to include W S 201, LAS 225, or SOC 134.
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, October 3, 2014


Called to order at 3:11PM.

I. Review of Meeting Summary, 19-Sept: Motion to approve September 19, 2014 minutes by R. Wallace; seconded by S. Lence. Vote: unanimous approval

II. Announcements
   A. Actions taken since last meeting
      1. Bill Simpkins identified that ABE 423X, which was recently approved, has the same title as ENVS 324 “Energy and the Environment.” ABE was contacted, and they agree to retitle their course. V. Dark expressed concern that there may be other types of course overlaps that are not being caught in the experimental course proposal process. For example, course content, which is not specified exactly in the title. Therefore, each college curriculum committee needs to think of the university-wide curriculum and perform thorough due-diligence when proposing an experimental course. G. Miller will bring it up with FSCC.
   B. News and updates
      1. General Updates
         a. FSCC: LAS Report of Curriculum Changes is due November 17; G. Miller must submit the e-version to Doug Jacobson by November 14. LASCC members may expect some e-mail communications toward the end of October regarding any questions of this report.
         b. FSCC: A motion to allow S/F-Graded combinations for travel-type courses was approved with the restriction that all students enrolled in a given section of such a course must be graded on the same basis.
         c. LAS Rep. Assembly:
            i. Political Science Certificate of Public Management name change to Certificate of Public Management and Policy proposal, approved Oct. 1
            ii. Political Science Graduate Specialization in Public Policy proposal, approved by RA on Oct. 1
      2. Other (specific) updates
         a. LAS (Amy Slagell)
            i. The leadership minor has had a first reading at Faculty Senate; the second reading is coming up.
            ii. Conversations with the Dean, Oct 31, 10:30-noon, in 353 Catt
            iii. Dean’s Lecture, Oct. 30 at 8pm, Sun Room
            iv. Faculty and advisers were present at the Majors Fair.
            v. HLC Syllabi collection is wrapping up for Fall 2014.
            vi. A criminal justice proposal should be ready for the LASCC by the end of October.

III. Unfinished Business
   A. General Education, USD/IP Additions and Deletions – None on the agenda.
B. Experimental Courses
   1. LAS 134X- No discussion or action this week.

IV. New Business
   A. General Education, USD/IP Additions and Deletions – None on the agenda.
   B. Experimental Courses
      1. MATH 474X “Mathematics of Finance”
         a) A modified description was suggested by the instructor.
         b) S. Lence moved approval of course with modified description; R. Wallace
            seconded. Vote: unanimous approval. (Approved in Courseleaf; GM)
      2. ASL 305X “ASL Classifiers and Depiction” (ASL = American Sign Language)
         a) A modified description was provided by the instructor.
         b) What is ASL 320, as referenced in Reason for Proposal? (This should have been
            ASL 305X – 320 was the number used in original discussions, prior to submitting
            the proposal. 320 was changed to 305X in the proposal document. GM)
         c) V. Dark moved approval, pending clarification on ASL 320; D. Hollander
            seconded. Vote: unanimous approval. (Approved in Courseleaf; GM)
      3. ECON 293X Career Seminar
         This proposal is a modified approach to the spring 2014 proposal, making two subheads of
         the current career seminar. It replaces the current ECON 292.
         a) Graduation restriction to be added: Student may only earn credit for the existing
            or this new course.
         b) Credit hours: Should be modified to 1 credit.
         c) Should be edited to be “Not repeatable”
         d) Discussion followed as to the logical mechanism for creating a Business and
            Economics section/sub-head (addition) and an Agricultural Business section/sub-
            head (current). The committee suggests (1) leaving ECON 292 with a modified
            title, Career Seminar for Agricultural Business, and adding ECON 293X as a new
            course, Career Seminar for Economics and Business Economics, or (2) turning
            ECON 292 into an anchor course with two sub-heads, or (3) creating a new anchor
            course ECON 293X with two sub-heads, with the plan to phase out the current
            ECON 292. No matter the solution, students may not earn credit for both
            sections/sub-heads.
         e) V. Dark moved approval for the course to be created however it may need to be
            for the catalog system, pending G. Miller’s satisfaction; D. Hollander seconded.
            Vote: unanimous approval. (Resolved upon phone conversation with C. Hulsebus
            and Diane Rupp in the Registrar’s office. As a “seminar” course, revising the
            structure of ECON 292 to reflect two subheadings is permissible without using the
            experimental process. A memo from the ECON chair and LASCC chair will move
            the process forward. Memo received from ECON on 10/14; signed and approved
            with statement about graduation restriction. GM)
      4. ENSCI 383X Introduction to Ecosystems
         a) Prerequisite concern: Is “natural science” precise enough? Is there any sequencing
            required with 381 or 382? (Bill Crumpton replied that the pre-requisites for 383X
            was designed to be the same as for 381; he requested that the course be changed to
            ENSCI 384X, so as to remove the perception of a “sequence” 381-382-383. Course
            number was changed in Courseleaf. GM)
         b) Dark moved approval pending clarification of the prerequisites to the satisfaction of G.
            Miller; L. Quinn Allen seconded. Vote: unanimous approval. (Approved in
            Courseleaf; CALS CC was added to the workflow by Registrar after noting a
faculty member from Agronomy was instructor. To be reviewed by CALS CC on 10/20.GM

5. **POL S 342X** Chinese Politics
   
a) Why not International Perspectives? (Pol. Sci. faculty proposed this course for a new faculty member who starts Spring, 2015. They wanted to expedite the procedure, and opted not to include IP or Gen Ed at this time. On consultation with A. Slagell, LAS prepared the IP form; the department agreed; and the IP was included in the proposal. GM)
b) Why not Gen Ed Social Science? (See above, although this was not changed. GM)
c) Would be helpful to include a modifier for Civil War? (Added “Chinese” as an adjective. GM)
d) Should a prerequisite be added? (To resemble other Pol. Sci. offerings at the 300-level, no pre-requisites were included. GM)
e) Which term will the course be offered? This section is blank. (Spring, 2015, but this may change, so the semester part was left open. GM)
f) V. Dark moved approval of the course, with Gen Ed Social science and provisional approval of IP (form would need to be submitted.); D. Hollander seconded. Vote: unanimous approval. G. Miller will reach out to the instructor for resolution before approving. (Approved in Courseleaf, with IP, GM)

C. Majors / Minors / Programs - none
D. Other
   
1. Biology / Environmental Sciences Majors – General Education Requirements
   
   CALS will be discussing this issue, as well. LASCC has not been asked to take action. The committee discussed the proposal and its rationale.

V. **Adjournment** 5:03PM
   
A. Wallace moved to adjourn; M. Sivils seconded. Vote: unanimous approval.
B. Next meeting: Oct. 17

VI. **Action Taken Since Last Meeting**
   
A. COM S 402A, B, C repeatable as requested
B. ECON 292 as anchor with 2 subheads, forwarded to Registrar 10/17/2014
C. ENGL 344 cross-listed with US LS, 10/15/2014
D. HIST 240 cross-listed with US LS, 10/15/2014
E. HIST 441 reactivation, 10/6/2014
F. HIST 442 reactivation, 10/6/2014
G. MATH 533, major teaching department transferred to CPR E
H. PSYCH 594 new topics approved (K. mediation and moderation; L. missing data; M. power analysis; all 1 credit, graded, all pre-req of PSYCH 501 or equivalent)
I. PSYCH 347 cross-listed with US LS, 10/15/2014
J. SOC 332 cross-listed with US LS, 10/15/2014

Approved 10/17/2014
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, October 17, 2014


Called to order at 3:11PM

I. Review of Meeting Summary, October 3: Motion to approve by V. Dark; seconded by Hollander. Vote: unanimous approval. Dark expressed concern that experimental courses are not automatically approved for two offerings. The Committee is supportive of an automatic approval for two experimental offerings. Wallace said that Char Hulsebus will hopefully bring this up with FSCC.

II. Announcements
   A. Actions taken since last meeting (see end of October 3 minutes for a full listing)
      1. ECON 292 is now an anchor course with two sub-heads.
      2. Four courses are now cross-listed as US LS (U.S. Latino/a Studies).
   B. News and updates
      1. General Updates
         a. FSCC: S/F-Graded Combination for Travel Courses – Associate Provost Holger attended. The Committee rescinded the motion to allow combination grading for travel courses only out of concern that different sections would have different work expectations for students. HLC will be closely examining multiple section courses for similar work expectations and learning outcomes across sections. Concerns were raised that instructors of different sections would lose some independence on appropriate levels of requirements and assessments.
         b. FSCC: Dual-administered curricula and experimental courses- Discussion continued as a result of ENVSC 384. Associate Provost Holger’s first reaction is that both colleges should review, if necessary. G. Miller and CALSCC Chair Youngs will sit down with Amy Slagell and David Acker (Assoc. Dean in CALS) to establish an agreement for review and approvals of jointly administered programs/designators.
      2. Other (specific) updates
         a. Changes to LAS 101 (A. Slagell)- LAS Student Academic Services seeks to make it a 16 week, one-credit course. It is currently one-half credit for 8 weeks. The change will include a likely change in pedagogy, perhaps more problem-based, team-based learning. The group is preparing a grant application for financial support from CELT for re-working the course. R. Wallace suggested it could be a place for pre-testing some college learning outcomes. S. Lence moved to approve the change to one credit with the increase in expected contact and content; R. Wallace seconded. Vote: unanimous approval. The hope is to make the change for the 2015-16 Catalog. Memo to approve signed.
         b. Faculty Senate unanimously approved the leadership minor.

III. Unfinished Business
   A. General Education, USD/IP Additions and Deletions
      1.
B. Experimental Courses
1. LAS 134X (no updates)

IV. New Business
A. General Education, USD/IP Additions and Deletions (none)

B. Experimental Courses
1. HIST 585X Teaching the Modern Europe Survey –
   a) Concerns about whether the delivery mode that would reflect the proper number of student contact hours commensurate with the credit hours; possible solutions include:
      i. 3 credits: offered as 2-2, which means 2 contact hours of lecture/discussion + 2 hours of “lab”, which would entail the 2 hours per week of attending the undergraduate history course. The “instruction type” would likely be designated as “combination.” This would entail cutting back by 1 hour per week on lecture/discussion.
      ii. 3 credits: offered as 3-0, which means 3 contact hours of lecture/discussion, but no expectation of attending the undergraduate course. In this case, David Hollander suggested that the undergraduate history course be made available as a video for the graduate students to observe during any time period outside class – as implicit study time. Then, the syllabus would need to reflect how these videos would be accessed.
      iii. 4 credits: offered as 3-2, which means 3 contact hours of lecture/discussion + 2 hours of “lab” for the undergraduate course. Again, the “instruction type” would be “combination.”
   b) S. Lence moved to approve upon satisfactory resolution of questions surrounding delivery and credit hours; J. Wilson seconded. Vote: unanimous approval. G. Miller will follow-up with John Monroe. Monroe agreed to offer for 3 credits as 2-2. Course approved in Courseleaf after changing instructional offering. 10/31: Title was revised to accommodate concerns from Barb Hotchkiss that the 19-character abbreviated title does not convey accurately the course content. The revised title is “Teaching Methods for the Modern Europe Survey”, with abbreviated title “TCHG METHDS:MOD EUR”

2. HIST 310X Africa to 1880 with International Perspectives –
   a) Course may not be both U.S Diversity and I.P.
   b) S. Lence moved to approve the course; V. Dark seconded; Vote to approve course: unanimous approval. V. Dark moved to approve the course as International Perspectives; seconded by S. Lence. Vote: unanimous approval. Course and I.P. approved in Courseleaf.

3. Policy on number of required experimental offerings before catalog
   a) University policy is one experimental offering unless required of students in a specific program OR offered by new faculty member who has experience teaching at another university. Without a great deal of planning (at least a year), it’s rare that a course would ever be offered without an experimental offering.
   b) LASCC wants to see a complete experimental offering before it moves to the catalog.

C. Majors / Minors / Programs
D. Other
V. Adjournment 4:42PM
   A. LAS Summary Report to FSCC - G. Miller will begin working on the report in the next week and plans to send out to cluster groups the week before the next meeting. It will be part of the November 7 agenda. *This is no longer necessary; a brief summary of trends will be written and reviewed at our next meeting – no analysis of individual programs is necessary.*
   B. Next meeting: Nov. 7, 2014

Approved 11/7/2014; motion to approve by V. Dark; second by L. Quinn Allen; Vote: unanimous approval.

VI. Action Taken Since Last Meeting
   A. CL PS 422x description update, 10/22/2014
   B. HIST 473 description update, 10/29/2014
   C. HIST 473, new cross-list with AF AM, 10/29/2014
   D. HIST 473, new cross-list with US LS, 10/29/2014
   E. LAS 101, credit change, 1/2 to 1 cr., 10/22/2014
LAS CURRICULUM COMMITTEE
MEETING SUMMARY
Friday, 7 November, 2014


Called to order at 3:10 PM (in 240 Bessey Hall)

I. Review of Meeting Summary, October 17, 2014: Motion to approve by V. Dark, seconded by L. Quinn Allen. Vote: unanimous approval. G. Miller explained a necessary change in the title of HIST 585 to better represent content of the course as well as to accommodate the 19-character abbreviated title written on transcripts (Barbara Hotchkiss e-mail, 30-Oct); it is now “Teaching Methods for the Modern Europe Survey”.

II. Announcements
A. Actions taken since last meeting
1. HIST 585, contact time revised after e-mail discussion with instructor (John Monroe), 3 credits offered as 2-2

B. News and updates
1. General Updates
   a. FSCC – no updates
   b. LAS Rep Assembly – meeting on Wednesday, November 5
      1) Dean’s Forum, two comments
         • The Dean would like LAS to be good listeners to the needs of the programs/colleges whose curricula subscribe to the classes.
         • Online Summer School: The Dean is seeking ideas on pursuing a strategic package of courses (large enrollment?) that could be offered online over the summer.

2. Other (specific) updates
   a. College Announcements
      1) A. Slagell now has the overall CIP Report that was presented to the Board of Regents and an LAS-specific report for courses covered by CIP in 2013-14.
      2) A. Slagell shared that Higher Learning Commission preparation requests will be coming regarding student learning outcomes updates to websites.
      3) S. Hamilton received verbal notification today that the minor in Leadership Studies has been approved by the Provost and President; it does not require BOR approval.
   b. Board of Regents approvals
      1) Genetics name change to Genetics and Genomics
      2) Agricultural History and Rural Studies PhD name change to Rural, Agricultural, Technological and Environmental History
   c. Catalog Change Process for Mastheads/Narratives Updates
      1) G. Miller asked if the Committee is willing to be in the workflow before the LASCC Chair for future catalogs (beginning Fall 2015). The Committee expressed general agreement. S. Hamilton will follow through with the Registrar’s Office on this request for the 2016-17 Catalog updating process.
III. Unfinished Business
   A. General Education, USD/IP Additions and Deletions (none)
   B. Experimental Courses
      1. LAS 134X- still pending further information

IV. New Business
   A. College Curriculum Report to FSCC, committee input
      1. Committee members pointed out several concerns, including a justification that doesn’t seem accurate for ECON 325 (was dropped as a cross-list because of insufficient Economics content); original major teaching department is in the College of Engineering.
      2. The dropped list stops at Psychology (P); is that truly the end of the list or is it truncated?
      3. When was the list generated? MATH 242 was dropped and then re-instated; it doesn’t show on the drop list, which is good, but makes us wonder about timing.
      4. G. Miller must submit the report on November 14; if you find other concerns, send them to him. (Certain data pieces were corrected – errors in ECON dropped course justifications; I could not identify any other dropped courses; report submitted on 17-Nov to FSCC and approved. GM)
   B. General Education, USD/IP Additions and Deletions (none)
   C. Experimental Courses (none)
   D. Majors / Minors / Programs
      1. Health Coach Certificate-
         a) Psychology will be strained but the department decided to support the proposal. Only 16 seats/year are available in PSYC 422 for non-Psych majors. Additional sections of PSYCH 422L could be offered and would be a fit for this certificate. For now, dedicated seats will have to go to these students.
         b) Comments on governance document: Is the Professor in Charge part of the advisory committee? How is the student representative chosen?
         c) General description of the resources currently available needs to be changed before it goes to LAS RA (and then FS).
         d) Motion to approve by M. Viatori, seconded by M. Sivils. Vote: Unanimous approval, on the condition of changes being made to the satisfaction of G. Miller. (Prof. Litchfield was contacted about LASCC concerns and she submitted a revised proposal that addressed resources and governance document. Approved, GM. Now moves to LAS Rep. Assembly...)
      2. Criminal Justice Major Proposal
         a) A. Slagell pointed out that University of Iowa does not use the Regents form until their faculty have approved the curriculum. ISU Provost has indicated that collaboration with other Regents institutions is necessary for the proposal to move forward. Demand is significant at all three institutions. Distinct programs/emphases exist by institution. P. 12 points out how this major will be different from the current track in Interdisciplinary Studies. Iowa currently has a track in Sociology, but they are putting forth a stand-alone major. It is important to point out the differences in the programs/student needs met. If/when this major is approved, the track in Interdisciplinary Studies will be dropped.
         b) No major objections to the curriculum as presented; suggestions were made concerning details and presentation of the proposal. S. Lence moved approval, on condition to chair’s satisfaction that the details are cleaned up. Conversation followed. V. Dark seconded. G. Miller suggests that the committee have the opportunity to review
Appendix A again and vote via email. The revised proposal will be ready for LASCC by November 14. (*A revised proposal with corrected/updated 4-year and 2-year articulation plans, as well as revision to Part 1.d, was submitted on 14-Nov, uploaded into CyBox for LASCC review, and voted upon electronically. LASCC members detected a discrepancy concerning 37 vs. 36 credit-hours in the program. A. Slagell explained that CR ST/SOC is moving the orientation course from R-credit to 1-credit; the BOR form will be corrected to reflect this change. Voting: 9 approve; 0 against; 0 abstain. GM*)

E. Other
   1. Addition of dual list to COM S 417, creation of COM S 517X
      a) COM S 417 exists. The addition of this dual list requires a change in pre-requisites to 417 before LASCC can review the dual list.
         1) Pre-requisites need to be reviewed. What is the rationale for SP CM 212?
         2) G. Miller will communicate with the proposing instructor/department. (COM S will offer 517X first in Spring, 2016, so will initiate change in pre-requisites to 417. No action needed at this time. GM)

V. Adjournment
   A. Next meeting: December 5. Adjourned at 5:01PM.

Approved by LASCC 12/5/2014

VI. Action Taken Since Last Meeting
   A. FSCC: Approved Masters in Business Analytics originating from Business College and involving STAT and COM S.
   B. FSCC: Approved an update to the “Credit Hour Policy” in the catalog to meet the various forms of delivery. The upcoming HLC visit will include a review of ISU’s compliance with the federal regulation governing this policy. The draft was written by D. Holger, L. Doering, and K. Zunkel.
   C. POL S 343 cross-listed with US LS, 12/1/2014
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 5-December, 2014


Called to order at 3:09PM in 353 Catt Hall.

I. Review of Meeting Summary, November 7, 2014: Motion to approve V. Dark, second by M. Viatori; vote: unanimous approval.

II. Announcements
A. Actions taken since last meeting
   1. POL S 343 cross-listed with US LS 343 (1-Dec)
   2. MATH and COM S invited to present curricula in Spring, 2015
      a. Math responded; Tim McNichol will likely come, too. (Computer Science has also responded, inquiring whether the discussion would focus on graduate or undergraduate curriculum.)
      b. R. Wallace suggested that we develop a standard set of questions for the presentations (performance and new directions); perhaps this is an agenda item for the first meeting of 2015. A. Slagell suggested that the external view guidance documents may be of help.

B. News and updates
   1. General Updates
      a. FSCC: Masters of Business Analytics passed, from the College of Business (17-Nov)
      c. A spreadsheet of all x courses that have been approved since September 1, 2014 is now on CyBox. A. Slagell pointed out that about 50% of the courses are out of LAS.
   2. Other (specific) updates
      a. LAS Dean’s Office: Criminal Justice Major Proposal will be reviewed by FSCC on December 15.

III. Unfinished Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
C. Majors / Minors / Programs
   1. Biology Major (CALS/LAS) – A. Slagell, D. Acker, C. Youngs, and G. Miller met to have a discussion on jointly administered programs and the memo from Tom Jurik. C. Youngs will organize a meeting of CALS, LAS, and a group from Biology to work together.
D. Minimum Grades for English/ISU Comm Courses
   2. The LASCC intends for the minimum requirement to stand, C– per course or average grade, but that the individual program can have a higher standard.
3. FSCC should make the change. (David Holger and FSCC mentioned that grade specifications should go through the Academic Standards and Admissions (ASAC) Committee, chaired by Frank Peters. Last year, they completed a project of a master document of special GPA and grade requirements, to be coordinated with the catalog editor and DAARS programming staff. The ASAC committee excluded requirements for communications because of their prevalence and variety throughout the catalog. Although Frank Peters approved reinstatement of the C- minimum, he is uncomfortable with the language. He also stated that the ASAC committee “does not like wholesale rules dictating a minimum grade, since that effectively changes the university’s grading scale.”

IV. New Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. **SPAN 510X World Language Teaching Methods in Spanish**
      a. Is Cristina Pardo-Ballester a member of the graduate faculty? Yes.
      b. Motion to approve V. Dark; second by S. Lence; Vote: Unanimous approval.
      c. Syllabus needs notice of religious accommodation; G. Miller will email the instructor. *(Approved via Courseleaf. E-mail sent on 5-Dec regarding syllabus.)*
   2. **COM S 441X Programming Languages** *(down-listing)*
      a. Sample syllabus says it’s a graduate course. LASCC would like to see a dual list form. What are the differential expectation?
      b. They intend to first offer in Fall 2015; this information needs to be updated on the CIM-X form.
      c. G. Miller will roll back the proposal. *(Rolled back via Courseleaf. Has been resubmitted and will be part of Spring Semester discussions.)*
C. Majors / Minors / Programs
D. Other

V. Adjournment
A. **Next meetings:** Spring Semester Schedule (3pm, Fridays, 353 Catt Hall) 23-Jan, 6-Feb, 20-Feb, 6-Mar, 13-Mar (if needed), 27-Mar, 10-Apr, 24-Apr;
B. Registrar’s Spring Deadlines for Experimental Courses: 2-Mar (Registrar’s deadline for submitting approved X-courses for Summer, 2015 via CIMX); 23-Mar (Summer 2015/Fall 2015 registration begins); 1-Jun (Registrar’s deadline for submitting approved X-courses for Fall, 2015 via CIMX)
C. **LAS Experimental Course Deadlines for Summer 2015/Fall 2015**, for guaranteed review: February 17, 2015 at 5PM
D. **LAS course-level catalog updates** for the 2016-17 Catalog will have a recommended deadline of April 7, 2015 with a final deadline of April 17, 2015.
E. R. Wallace suggested that an email to go out regarding deadlines from LASCC before the end of Fall 2014.

3:49PM Adjournment

SH 12/5/2014, 5:20PM
GM 1/14/2015
Approved by LASCC, 1/23/2015

VI. Action Taken Since Last Meeting
a. Creation of ASL 490
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 23-January, 2015


Called to order at 3:10PM in 353 Catt Hall

I. Review of Meeting Summary, 05-Dec: Lence moved, Dark seconded: Vote: unanimous approval.

II. Announcements
A. Actions taken since last meeting
B. Requirement of C- or higher in ENGL 150 and ENGL 250 approved for the 2015-16 Catalog by Frank Peters, Chair of FSASAC; update from A. Slagell. G. Miller raised the question with FSCC, but learned it falls under the FS Academic Standards and Admissions Committee. Frank Peters, chair of that committee, emailed G. Miller directly that he would approve the re-introduction into the catalog. A. Slagell has done additional research and has found inconsistencies within DARS. Dept of English believes that every department has the right to set policy; however a C is required in ENGL 250 to earn retroactive credit for ENGL 150. There hasn’t been an adequate college-wide conversation. If we make a requirement, what will the remedy be for a student who doesn’t meet the requirement? M. Sivils suggests we take time to work on language. The committee desires some language be in the 2016-17 Catalog regarding a grade minimum in ENGL 150 and ENGL 250. An inventory of all programs/majors in LAS and other college’s college-wide requirements. G.Miller will inform Frank Peters (FSASAC) about the LASCC discussion and action plans. (E-mail sent to F. Peters outlined LAS action: (i) assembling information from majors/programs/other colleges; (ii) using this information to draft a statement that is precise but not excessively restrictive; (iii) move forward to place this statement in the 2016-17 catalog.)
C. News and updates
1. General Updates
2. Other (specific) updates
   a. LAS: Four-Year Graduation Guarantee (“Soar in 4”) – When students encounter a challenge in getting the necessary courses, the department/college works to find a way. The University is planning to offer this to all incoming students, not just those who have signed a plan. V. Dark suggests that Karen Zunkel share this plan with the FSCC.
   b. LAS: Pathways to accelerated degrees – Department chairs have been invited to suggest pathways to three-year degrees. V. Dark suggested that coming in with the language requirement met will be critical. Graduation will still require 120 credits. V. Dark also suggested that the request be made of departmental curriculum committee chairs in addition to department chairs.
   c. Renaming of Operations Research to Operations Analytics was “postponed indefinitely” at Faculty Senate. It would really be a discontinuation, not a name change, because there are no active students in the program.

III. Unfinished Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. **COM S 441X** “Programming Languages” (down-listing 541) An updated dual-list form, syllabus, and justification have now been provided by the instructor. Pre-requisite of COM S 440 can be removed. First offering needs clarification. Motion to approve by S. Lence, second by Dark; Vote: unanimous approval. *(Response from Prof. H. Rajan – COM S 440 is included to accommodate students who transfer that course from elsewhere, and for graduate students who may have taken a COM S 440-like course in their UG curriculum, but may not have had a COM S 342-like course. Many US and foreign universities do not have 342-like courses. Approved in Courseleaf, GJM.)*
   2. **COM S 517X** – no action; still awaiting changes to pre-requisites.
C. Majors / Minors / Programs
   1. Biology Major (CALS/LAS) – meeting scheduled for 23-Feb with CALS, LAS, and Biology representatives; participants will be G. Miller, A. Slagell, D. Acker, C. Youngs, T. Jurik, R. Wallace, and T. Braun.
D. Other
   1. Department Invitations (Math and Com S): Questions to guide discussion (See document in CyBox). Math has accepted the invitation. G. Miller crafted some questions, using some of the self-study directions out of the College. LASCC will want to look at the catalog before the visits so that introductory information isn’t necessary. LASCC should point out the related general education requirements to the visiting department before the visit. A fourth question will be added about learning outcomes and will emphasize both undergraduate and graduate curriculum. *(Revised announcement is attached to the end of these minutes. GJM.)*

IV. New Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. **ENGL 214X** “The Design of Technical Communication”
      a) Need clarification on grad restrictions.
      b) “Description” field should be only what will go into the catalog.
      c) Incomplete sentence in “full description”; the “full description” can be included elsewhere in the proposal.
      d) What is the connection with ENGL 314?
      e) Will ENGL 214 be a pre-req for 314? Majors around campus require ENGL 314; if the pre-req changes there will be ramifications as a service course (300-level courses, etc.).
      f) Make sure the catalog descriptions clearly explain the differences between ENGL 214X and 314.
         *(Rolled back to ENGL Curr. Chair in Courseleaf to address above concerns. GJM)*
   2. **COM S 127X** “Introduction to Programming for Problem Solving”- no action
   3. **CHEM 573X** “Nanochemistry”- no action
C. Majors / Minors / Programs
D. Other
   1. **TESL Master’s specialization**: Teaching English to L1 Spanish Learners
      a) General concerns/questions included: Why are there so many other specializations for a limited pool of students? Is the TESL master’s degree not adequate? Is this level of specificity needed? Why is this specialization needed? Will any specializations be eliminated?
      b) Q#8 - What data justifies the specialization to back up the assertion of “student demand”?
c) Q#9 – Greater specification of requirements is needed; the existing statements are too vague. A complete and precise list of courses is preferred. There is no SPAN 563 (“Contrastive Analysis”).

d) Q#11- MA in Spanish for Global Communications does not exist, so should not be stated as such in the proposal; and other resources available must be delineated.

e) Q#11/#12 – Given the contributions of WLC to this specialization, a letter of support from WLC is needed.

2. **TESL Master’s specialization**: Corpus and Computational Linguistics – Tabled, due to time and concerns related to the L1 Spanish Learner Specialization proposal. *(Both proposals were returned to David Roberts (ENGL) for revision to address the concerns in points 1a-1e for “Teaching English to L1 Spanish Learners” and to improve, simultaneously, possible similar concerns in “Corpus and Computational Linguistics”.)*

V. Adjournment 4:58PM
   A. Next meeting: 6-Feb, 3pm, 353 Catt Hall
   B. Department of Mathematics will visit either 6-Mar or 10-Apr

VI. Action Taken Since Last Meeting
   A. History 424 reactivated, 4-Feb
   B. COM S 417 pre-req changes approves, 6-Feb

Minutes approved 6-February-2015
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 6-February, 2015


Called to order at 3:10PM in 353 Catt Hall.

I. Review of Meeting Summary, 23-Jan: motion to approve by D. Hollander; second by S. Lence; vote: approved by majority 5-0-1.

II. Announcements

A. Actions taken since last meeting
B. News and updates
   1. General Updates
   2. Other (specific) updates
      a. FSCC (Meeting 6-Feb):
         - A “Service Learning” committee from CELT is seeking ways to clearly and easily identify service learning components in courses offered at ISU, perhaps via some designator in the catalog. S. Hendrick (FSHN) will prepare an initial draft for review and comment.
      b. LAS Representative Assembly: G. Miller did not attend the LAS RA this week, but he did receive an update from G. Simonson.
         - Dean Schmittmann reiterated that the College can help in conversations when another college asks for course/curricular adjustments or accommodation.
         - For any upcoming curricular/degree programs, please brief the College; Dean Schmittman is willing to help lay the groundwork.
      c. A. Slagell announced that our CJ ST proposal is waiting for a letter from the University of Northern Iowa. She mentioned an example of an MOU between Iowa State and University of Iowa that was used for the Master’s Degree in Business Analytics. Also, LAS received a proposal for a social justice degree from University of Iowa; it has been shared with Human Sciences.
      d. R. Wallace shared an update from the Provost: CALS minor in leadership has been approved by the President with a caveat that it must be open to everyone, not just students from the College of Agriculture and Life Sciences.
      e. R. Wallace shared that a course is being designed for international students that might replace International Perspectives or become some other kind of requirement. LASCC may be asked to weigh in.

III. Unfinished Business

A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. COM S 517X – The prereq changes have been approved. Dual-list will likely be on the next LASCC agenda.
2. **ENGL 214X “The Design of Technical Communication”** - Concerns of the committee from first review have been addressed. R. Wallace asked if the similarity in name to ENGL 314 will present confusion. G. Miller will pass on the committee’s suggestions for a title. The course is proposed to meet General Education for Arts and Humanities. Motion to approve by R. Wallace; second by M. Viatori. Vote: unanimous approval. *(A revised title, “Introduction to Technical Communication” was accepted by ENGL on 6-Feb; approved in Courseleaf with new title and revised description. GJM)*

C. Majors / Minors / Programs
D. Other
   1. Department Invitations: Math coming on 10-April; Com S coming on 20-Feb.
   2. **TESL Master’s specialization** - Teaching English to L1 Spanish Learners – G. Miller communicated the committee’s questions about these specializations. No response yet.

IV. **New Business**
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. **COMST 210X “Diversity and Communication”** with US Diversity Proposal- Title of textbook for this course is the same as the title of the textbook that is used for COMST 310. If the distinction is U.S. versus Global, then U.S. should be part of the title. The committee has concerns over the results of consultation with other departments/programs. G. Miller will pass on the committee’s suggestions for a wording change. “Meets U.S. Diversity Requirement” should be deleted from the description. Proposed to meet General Education Social Science requirement. Motion to approve with title change and description update by V. Dark; second by Hollander; vote: unanimous approval. The committee then considered the course for U.S. Diversity designation. Motion to approve for U.S Diversity pending change in title and description by V. Dark; second by M. Viatori; vote: unanimous approval. *(A revised title was suggested by COM ST faculty to be “Communication and U.S. Diversity”, which was approved via e-mail by LASCC on 12-Feb; approved in Courseleaf with new title and revised description. GJM)*
   2. **COM S 127X “Introduction to Programming for Problem Solving”** – Motion to approve by V. Dark; second by D. Hollander; vote: approved unanimously with understanding that G. Miller will convey the committee’s questions that arose from discussion. Discussion notes: The committee wonders what the words “problem solving” play in the title and would like G. Miller to question whether the title captures the intent of the course given other courses at the 100- and 200-level. Perhaps “Introduction to Programming as Problem Solving” would be a more accurate title. *(Approved in Courseleaf with no title change after e-mail from Prof. A. Miner of COM S. He agreed that COM S faculty will examine course titles for possible improvements. COM S offers many courses to teach “programming” but using different types of languages and depths of coverage. They also hope that the catalog descriptions accurately convey the differences whereas the titles may not be as clear. GJM)*
   3. **CHEM 573X “Nanochemistry”** M. Sivils moved approval; second by V. Dark; vote: unanimous approval. *(Approved in Courseleaf. GJM)*
   4. **HIST 320X “History of Modern Europe, 1789 to Present”** - The proposal will be updated to include Gen Ed for Arts and Humanities and the broadened course description provided to the committee. R. Wallace moved approval with the aforementioned modifications; second by V. Dark; vote: unanimous approval. G. Miller will make the updates before he approves the course in workflow. *(Approved in Courseleaf after revising Gen Ed offering and modified description. GJM)*
5. **HIST 331X “History of the Islamic World to 1800”** - The proposal will be updated to include Gen Ed for Arts and Humanities. A modified broadened description was provided to the committee. Motion to approve by R. Wallace; second by M. Sivils; vote: unanimous approval. *(Approved in Courseleaf after revising Gen Ed offering and modified description. GJM)*

6. **HIST 457X “History of American Sexualities”** - Discussion focused on overlap: What are the differences between this course and History of Women in America, HDFS 276, and some specific Women’s Studies courses. A syllabus would help determine overlap. A committee member asked if topics courses are currently scheduled for Fall 2015. The proposal was tabled until more information can be gathered. G. Miller will roll back the proposal to D. Hollander.

7. **HIST 471X “Global Environmental History”** - Proposal modified to include General Education for Arts and Humanities. Environmental Studies would like to cross-list. Modified pre-reqs: Either 3 credits of HIST 201, HIST 202 or HIST 207 or 3 credits of Environmental Studies. Cross-list will be pursued via memo if it will slow the approval of the course; G. Miller will reach out to C. Youngs regarding the cross-listing. Motion to approve by M. Sivils; second by R. Wallace; vote: unanimous approval. *(A misunderstanding about the cross-listing – to be with ENV S and not with ENV SCI, so no approvals/discussion by CALS CC is necessary; no CALS faculty members are involved with instruction. Approved in Courseleaf with cross-listing and revised pre-requisites. GJM)*

C. Majors / Minors / Programs

D. Other

V. **Adjournment** at 4:50PM

A. Next meeting: 20-Feb, 3pm, 353 Catt Hall

Minutes prepared by S. Hamilton 6-Feb-2015
Edited by G. Miller 18-Feb-2015
Approved by LASCC 20-Feb-2015

VI. **Action Taken Since Last Meeting**

A.

Called to order at 3:10PM in 353 Catt Hall.

Department of Computer Science Visit – Department Chair Gianfranco Ciardo and Prof. Andrew Miner
With an upcoming ABET accreditation review, the Department of Computer Science shared a departmental status report. (The presentation slides will be attached to the pdf of these minutes.)

These are questions asked by the Committee:
• Is a “specialization approach” necessary for recruiting/retaining, so that students aren’t lost to other disciplines?
• What is the difference between 300- and 400-level courses? 400-level courses start pulling in some research areas, a sense of depth (building on another area).
• Where does COM S 127 fit? Not required. Might eventually become required unless students place into COM S 227. For this to happen, they need to create space in the curriculum /4-year plan.
• Do COM S students participate in coops? Most students do paid internships. They often have a job offer after the internship.
• What is the rationale behind restricting students to get their last 45 credits at the 300-level or higher at ISU? (This might be something to re-visit, to make sure that the LAS College requirement is properly understood.)

Additional comments:
• COM S 113X, a course being taught for College of Business, has enrollment of 1500 students/year (Is requested to have the X-designation removed).
• V. Dark commended COM S for including the WOVE components (writing within the discipline); R. Wallace suggested that they are a great example of this. G. Ciardo commented that these skills are required for career success.
• After the visit, J. Wilson commented that he wished he had asked how they view the service courses; G. Miller will follow-up (E-mail response from A. Miner mentioned that these courses are taught by instructors or graduate students, except for COM S 207. Enrollments are generally healthy; some are half-semester courses; some continuation courses (108 and 208 for 107 and 207, respectively, have not been offered for a while – insufficient demand.).

I. Review of Meeting Summary, 6-Feb-2015 motion to approve by D. Hollander; second by V. Dark; vote: unanimous approval.

II. Announcements
A. Actions taken since last meeting
B. News and updates
   1. General Updates
   2. Other (specific) updates
      a. FSCC: no meeting this morning
b. LAS: no updates, other than minor in Chinese Studies that is coming.
c. Next Monday, Feb. 23, 2015, the group from CALS and LAS will meet for a Biology curriculum discussion.

III. Unfinished Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. **COM S 517X** (pre-reqs resolved, review dual-list proposal resubmitted) The prerequisites are now in order. This version of the dual-list proposal addresses differential expectations more fully. The dual-list will need approval by GCCC. V. Dark moved approval; seconded by R. Wallace. Some conversation followed. It was pointed out that the differences occurred solely within the final project, which constitutes 20% of the total course grade, and that this may not be considered to be a sufficient differential expectation throughout the entire course. R. Wallace suggests that GCCC can follow-up on that point as needed. Vote: 9-0-1, approved. G. Miller will alert K. Stolee to some potential concerns at the Graduate College level before approving in Courseleaf; she can decided whether to proceed or adjust the syllabus/dual-list proposal. *(Approved in Courseleaf; K. Stolee added additional assessments for graduate students throughout the semester; reflected in modified Dual-List form. GJM)*
   
   2. **HIST 457X** “History of American Sexualities” - D. Hollander heard from HDFS that they have no opposition. He is waiting to hear from A. Slagell.

C. Majors / Minors / Programs
D. Other
   1. Department Invitations: Math coming on 10-April
   2. TESL Master’s specialization: Teaching English to L1 Spanish Learners
   3. TESL Master’s specialization: Corpus and Computational Linguistics

IV. New Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. **GEOL 401X** “Field Studies in Stratigraphy and Paleontology” - Contact hours per week should be 3 (if scaled to 15-week semester). 368 is sufficient pre-req (due to sequencing). The description is much broader than the title. The Committee suggests Field Studies in Geology and Geology Methods –or- Fundamentals of Field Geology –or- Introduction to Field Geology. 302, 306 and 506 have more general descriptions in the catalog. The Committee questions a 400-level course as a preparation for 302 (which is referenced as a capstone); how does this fit in curricular sequencing? If 302 is a capstone, perhaps 302 should be a 400-level course. The course itself seems fine overall, but the issues of title, numbering, sequencing/prereqs need to be resolved. R. Wallace moved approval pending title change/description adjustment with a strong recommendation that the department restructure the numbering within the curriculum. How does this new course fit into their old context? Description should mention the length of the course (3 weeks), like the other descriptions of similarly delivered courses. The motion did not receive a second; therefore, the proposal was tabled. G. Miller will communicate the concerns to the department. *(After e-mail communication with Igor Beresnev, curriculum chair of GEOL, the proposal was rolled back for editing. GJM)*
   
   2. **ASL 107X** “Introduction to the Deaf-World” with US Diversity proposal. The committee suggests a more concise description: “Nature and Significance of the Deaf-World as a cultural and linguistic minority.” What is the relationship of this course to existing course, ASL 275 Topics in Deaf Culture? R. Wallace moved approval with a stipulation to modify the description and delineate the relationship to existing course(s) within the
proposal to the satisfaction of G. Miller; seconded by M. Sivils; vote: unanimous approval. The course was reviewed for US Diversity. Motion to approve by V. Dark; seconded by Lence; vote: unanimous approval. (Communication from T. Waldemer: ASL 107X is meant to briefly discuss Deaf Culture in America with an overall light workload – hence 1 credit. ASL 275 examines and analyzes specific topics in depth; course description was modified according to the LASCC recommendation. Approved in Courseleaf. GJM)

3. **MATH 106X** “Discovering Mathematics” – The Committee questioned the order of pre-req listing. D. Hollander moved approval; second by S. Lence. Discussion followed. What are the differences between MATH 105 and 106X? If it has the same content as 105, should there be a new number? V. Dark moved to defer the decision until more information comes from Math. The motion to defer was not seconded. Vote: 6-3-0, approved. G. Miller and S. Hamilton will make notes in the course approval and log of approved courses, respectively, that it will be important to compare the descriptions of Math 105 and Math 106X before 106 moves to the catalog. (Approved in Courseleaf with notation of LASCC voting outcome and e-mail to MATH about reviewing 105 and 106X during catalog changes. GJM)

C. Majors / Minors / Programs
D. Other

1. WLC has submitted a proposal that will be reviewed at a future meeting: Studies in Chinese Culture and Society for Native Speakers of Chinese. (2 documents are in CyBox: the proposal and a letter from Economics)

V. **Adjournment at 5:10PM.**
A. Next meeting: 6-March, 3pm, 353 Catt Hall
B. April 10 meeting has changed to April 17; S. Hamilton will contact Math to see if they can visit on April 17.

VI. **Action Taken Since Last Meeting**
A. Designator Change Request – CL PS (Community Leadership and Public Service) to LD ST (Leadership Studies)

Approved by LASCC, 6 March 2015
State of ComS Undergraduate Education at ISU

Andrew Miner
Director of Undergraduate Education
Department of Computer Science

20 February 2015
Current Numbers
## Enrollment

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<td><strong>305</strong></td>
<td><strong>347</strong></td>
<td><strong>452</strong></td>
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## Graduates

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<td>S 2013</td>
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<td>S 2014</td>
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</table>
Overview of Curriculum
# Math and Science requirements

## 14 credits (or more) of Math and Statistics

- Math 165 (Calculus 1, 4 credits)
- Math 166 (Calculus 2, 4 credits)
- One Statistics course from 305, 330, 341
- Remaining Math credits from 207, 265, 266, 304, 314, 317

## 13 credits (or more) of Natural Science

- Biol 211, 211L, 212, 212L (8 credits); OR
- Chem 177, 177L, 178, 178L (9 credits); OR
- Phys 221, 222 (10 credits)
- one or more courses from long list
## Required “Computing” classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ComS 101</td>
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<td>ComS 203</td>
<td>Careers in ComS</td>
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<tr>
<td>ComS 227</td>
<td>Introduction to Object–oriented Programming</td>
<td>4</td>
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<tr>
<td>ComS 228</td>
<td>Introduction to Data Structures</td>
<td>3</td>
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<tr>
<td>CprE 281</td>
<td>Digital Logic</td>
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<tr>
<td>ComS 229</td>
<td>Advanced Programming Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ComS 309</td>
<td>Software Development Practices</td>
<td>3</td>
</tr>
<tr>
<td>ComS 311</td>
<td>Design and Analysis of Algorithms</td>
<td>3</td>
</tr>
<tr>
<td>ComS 321</td>
<td>Introduction to Computer Architecture</td>
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</tr>
<tr>
<td>ComS 330</td>
<td>Discrete Computational Structures</td>
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<tr>
<td>ComS 331</td>
<td>Theory of Computing</td>
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</tr>
<tr>
<td>ComS 342</td>
<td>Principles of Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>ComS 352</td>
<td>Introduction to Operating Systems</td>
<td>3</td>
</tr>
</tbody>
</table>
Computer Science Electives

One of:

- ComS 362 Object–Oriented Analysis and Design 3
- ComS 363 Introduction to Database Management Systems 3

6 credits at 400–level

- At least 3 credits requiring “written and oral reports”

Total is 44 credits
Pre-major

- ComS 227
- ComS 228
- Math 165
Some recent improvements to the major

- Science requirement — used to be Physics 221/222
- ComS 101 — now taught by faculty
- ComS 127X — more about this later
- ComS 227 — stronger math prerequisite
- ComS 229 will become ComS 327
- ComS 330 will (likely) become ComS 230
- ComS 402 — capstone course (senior project)
  - 402A,B: computer game development (Jim Lathrop)
    - Builds on 437 - game programming class
    - Interdisciplinary with Design
  - 402C: generic project course
Service courses

- ComS 103 (311 enrolled) — Computer literacy, online only
- ComS 104 (96 enrolled) — Intro programming for non-majors
  - Second half-semester offering is typically larger
- ComS 105 (unknown enrollment) — Language modules
  - Only offered second half of the semester
- ComS 106 (72 enrolled) — Web programming, online only
- ComS 107 (46 enrolled) — Visual basic, online only
- ComS 108 (0 enrolled) — Continues ComS 107
- ComS 113 (614 enrolled) — Spreadsheets and Databases
  - Currently, exclusively for Business majors (required)
  - Fall semester is usually around 900 students
- ComS 207 (146 enrolled) — Easier ComS 227 for non-majors
  - Required for MIS students, in future perhaps other degrees
- ComS 208 (0 enrolled) — Continues ComS 207
Where we are headed
State of the industry

- Overall, our curriculum is preparing our students well
  - 6 Month Post-Graduation Placement:
    - 2012–2013: 100%
    - 2011–2012: 92%
    - 2010–2011: 83%
    - 2009–2010: 97%
  - Meetings with our External Advisory Board
  - Results of ABET surveys

- Areas that we could strengthen in our curriculum
  - Mobile development (“apps” for Android, iPhone, etc.)
  - Web development
  - Databases / “Big Data”
  - Computer Security
  - Cloud computing
Improving Retention

- Introductory courses: DFW rates are high
  - ComS 227 (first required computing course)
    - Around 75% of CprE students pass
    - Around 75% of SE students pass
    - Around 45% of ComS students pass
  - We are redesigning the introductory sequence
    - New ComS 127X was introduced
    - We are also looking at the entire curriculum

- Need to track our students better
- Need infrastructure improvements
  - Lab space (undergrads and grads)
  - How/where to deploy TAs
- We are exploring other possibilities
  - Peer mentoring
  - Supplemental Instruction
Curriculum redesign

- More choices for students
  - E.g., what about ComS 336 — Graphics?
- Require more 400-level credits?
- Specializations / Tracks
  - Reduce number of required core courses, electives are organized by depth areas
  - Several universities have switched to this model: Stanford, Cornell, GA Tech, Purdue, Rochester, . . .
- External constraints
  - LAS — 45 credit limit
  - ABET — percentages of math and science; topics
- Internal constraints
  - Faculty have strong opinions about courses
  - New faculty needed for new courses / tracks
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 6-March, 2015


Called to order at 3:11PM in 353 Catt Hall.

I. Review of Meeting Summary, 20-Feb-2015: L. Quinn Allen moved approval, second by S. Lence; vote: unanimous approval.

II. Announcements
   A. Actions taken since last meeting
   B. News and updates
      1. General Updates
         a. Biology General Education (CALS/LAS): The group consisting of faculty from Biology with Curt Youngs/David Acker (CALS) and Gordie Miller/Amy Slagell (LAS) met. A proposal arose that is being reviewed by the Biology Faculty.
         b. Certificate in Leadership Studies name change, approved by SVPP
         c. Undergraduate Certificate in Computing Applications, approved by SVPP
         d. The 2015-16 Catalog is now live at www.catalog.iastate.edu
         e. Editing to the 2016-17 Catalog has begun.
         f. Criminal Justice is on the docket for Faculty Senate with a waiver for a single reading.
      2. Other (specific) updates
         a. FSCC:
            • Some concern was raised over the number of courses being reinstated. The FSCC is fine with approval of reinstatement at the college-level.
            • The list of “Courses Not Taught” is in CyBox. These courses have not been taught since 2011. For the 2016-17 catalog, these courses must have a vigorous justification to be kept in the catalog. This is at the urging of Dr. Holger. G. Miller and S. Hamilton will work on getting these lists out to the department chairs and departmental curriculum chairs. LASCC Cluster Coordinators will be copied on the emails.
            • U ST 100x has been proposed. The FSCC wants each college curriculum committee to discuss the merits of this course as a replacement for the waived International Perspectives requirement for all international students.
         b. LAS:
            • LAS Representative Assembly: No curricular issues were addressed.
            • Any programs wishing to develop an accelerated graduation path should send the plans to Associate Dean Slagell as soon as possible.

III. Unfinished Business
   A. General Education, USD/IP Additions and Deletions
   B. Experimental Courses
      1. HIST 457X “History of American Sexualities”
Motion to approve by V. Dark, second by M. Viatori; vote: unanimous approval. The prerequisites should read: Credit in one of HIST 201, HIST 202, WS 201, WS 203 or WS 205. (Approved in Courseleaf after modification of pre-requisite statement. GM)

2. **GEOL 401X** “Field Studies in Stratigraphy and Paleontology”; it was rolled back to the department.

C. Majors / Minors / Programs

D. Other

1. Department Invitations: Math coming on 17-April
2. **TESL Master’s specialization**: Teaching English to L1 Spanish Learners
3. **TESL Master’s specialization**: Corpus and Computational Linguistics

IV. **New Business** (Will do C. first – New Minor Proposal)

A. General Education, USD/IP Additions and Deletions

1. **FRNCH 302, 305, 326, 340, 476**: International Perspectives

   V. Dark/S. Lence moved approval of all five courses for IP; vote: unanimous approval.

B. Experimental Courses

1. **BBMB 121X** “Medicine, Drugs, and You” (received 4-Mar)

   G. Miller will request review via email. (*Vote to approve was 7-1; concerns raised about course description, pre-requisites, and discussions with other departments. Prior to approval in Courseleaf, course description was revised to follow catalog format and style; pre-requisites were adjusted; the instructor contacted Chemistry and Toxicology faculty, both of whom indicated no overlap with current offerings. Now approved. GM)*

2. **JL MC 414X** “Digital Newsroom” (received March 3)

   The pre-requisites were modified to read: C+ or better in JL MC 202 or 206 and JL MC 344, 346 or 347. Questions arose including,
   - “Was this previously offered as JL MC 390?” (*Yes, it had been offered twice as JL MC 390. E-mail from J. Geske*)
   - “As the “culmination of journalistic training at the Greenlee School”, would a number in the higher 400’s be appropriate?” (*The number was chosen deliberately to fit into a sequence of courses at the 400-level. J. Geske*)
   - “References to Iowa should be to the news source, rather than the consumers of the news.” (*We hope to take a topic (varying by semester) of interest to Iowa residents. It might be immigration, health care, addiction problems, etc. The students will work on news stories, video, photo essays, etc and it will be available to news outlets to use in their local media if they choose. J. Geske*)

   R. Wallace moved approval, second by M. Viatori; vote: unanimous approval. (*Approved in Courseleaf. GM*)

3. **LAS 105X** “BOLD Learning Community Orientation” (received 4-Mar)

4. **LAS 106X** “BOLD Learning Community Seminar” (received 4-Mar)

   Viatori moved to approve the set of courses, LAS 105X and 106X, second by V. Dark. Discussion followed. Vote: unanimous approval.
   - A suggestion was made to mention service learning in the description of LAS 106, if that is a required component.

   (*After discussions with Char Hulsebus, “BOLD” was spelled out in the course description of 105X (“Bridging Opportunities in Leadership and Diversity”). A phrase about an “assessed service-learning component” was added to the course description of 106X. Approved in Courseleaf. GM*)

5. **STAT 526X** “Applied Statistical Modeling” (On-line; M. Bus. Analytics) (received 2-Mar)-
• Justification for graduation restriction: As is, the course cannot count for a degree in Statistics. (All of the content of the proposed course, STAT 526X, is covered in the core courses that Statistics graduate students are required to take. The proposed course picks and chooses topics from the core courses that are most relevant to the Master’s of Business Analytics program. E-mail from Bob Stephenson.)

• The description should be shortened, striking the phrase “Introduction to” and to reflect the graduate nature of this course. How does this course differ from STAT 401? (Course description was revised. STAT 401: The proposed course will cover some of the material that is covered in STAT 401. The proposed course is different in its emphasis on applications of statistical concepts and methods to business. Maximum likelihood estimation, logistic and Poisson regression, the use of the R statistical package and the use of simulations to investigate properties of inferential procedures are things that are not covered in STAT 401. Bob Stephenson)

• R. Wallace moved to approve contingent upon justification of graduation restrictions and revision of the catalog course description; second by J. Wilson. Discussion followed. Vote: unanimous approval. (Approved in Courseleaf with modified course description. GM)

6. PHIL 400X “Contemporary Metaphysics” (Spring; if time allows…) (received 24-Feb)
Did not review; held for next LASCC meeting.

C. Majors / Minors / Programs
• How will students be deemed eligible for this minor? Perhaps the Oral Proficiency Interview administered by ACTFL. The proposal should be specific.
• Some stronger justifications for the new minor would be necessary.
• Who is developing the professional writing course?
• ECON 387 is no longer experimental.
• RELIG 355 might be considered as an addition to the list of course options, assuming it is not on the Courses Not Taught List.
• In general, the LASCC supports the concept of the minor, noting the importance of no “gray zones” for eligibility. It’s important that the listed courses meet the objectives.
• Q.9a Program Requirements should specifically address what is required to declare the minor.
• What is the concept behind CHIN 405 (course to be proposed)?
• Q.9b What are the WLC and ISU procedures? This should be specified in the proposal so that reviewers of this proposal do not have to look elsewhere.
• Q.9e This would be a good place to include the course description.
• V. Dark moved to approve if the issues above are resolved to the satisfaction of G. Miller, second by R. Wallace; vote: 8-0-0, unanimous approval.
(A revised proposal was re-submitted on 20-March with most issues properly addressed. The proposal was returned to WLC for further clarification of Point 9a – specifics of a “placement test”. The wording remained somewhat confusing, but had been improved from the first version. It may be brought to the LAS Rep. Assembly for discussion on 1-April. GM)

D. Other
1. ComSt 101L: Credit change from 0.5 to 1.0.
• G. Miller will send this change for committee review via email. (Approved 8-0. Indicated that a catalog change to “(0-2)” for contact hours be made – acknowledged by B. Hotchkiss.)
2. **MATH 106X** – J. Wilson brought forth the possibility of removing all prerequisites for this recently approved course. G. Miller will follow up with Math (curriculum chair is Timothy McNicholl; department chair is Cliff Bergman). (*Existing pre-requisites will remain in effect so that students will know that the course presents college-level mathematics. After offering this experimental course, some specifications can be modified. GM*)

V. **Adjournment**
   A. Next meeting: 27-March, 3pm, 353 Catt Hall

Minutes approved, 3/27/2015.
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 27-March, 2015


Called to order at 3:12PM in 353 Catt Hall.

I. Review of Meeting Summary, 6-Mar-2015: Motion to approval by R. Wallace, second by V. Dark; vote: unanimous approval.

II. Announcements
A. Actions taken since last meeting
B. News and updates
   1. General Updates
   2. Other (specific) updates
      a. FSCC: A certificate in “Merchandising” has come out of the College of Design.
      b. LAS: (Amy)
         • The proposed Chinese minor, Studies in Chinese Culture and Society (For Native and Near Native Speakers), is on the April 1 Rep. Assembly agenda.
         • Committee nominations will likely be before the Rep. Assemb. at April 1 meeting.

III. Unfinished Business
A. General Education, USD/IP Additions and Deletions
B. Experimental Courses
   1. GEOL 301X (originally 401X): Field Studies in Stratigraphy, Paleontology, and Paleoclimatology
      • Description is long, not in standard catalog format: move “in the Bighorn Basin, WY” to the first sentence; strike “Students will learn how to employ.”
      • V. Dark/L. Quinn Allen ; vote: unanimous approval. (Course Description revised according to recommendations of LASCC; approved in Courseleaf, GM.)
C. Majors / Minors / Programs
D. Other

IV. New Business
A. General Education, USD/IP Additions and Deletions
   1. WLC’s requested deletion of CHIN 301 from Area I: Arts and Humanities for 2015-16; will be removed - approved. (WLC informed. SH)
   2. WLC’s requested deletion of CHIN 302 from Area I: Arts and Humanities for 2015-16; will be removed - approved. (WLC informed. SH)
   3. Biology: General Education (CALS/LAS) revised proposal- Tom Jurik plans to present this to the Biology Faculty on April 8. CALS is willing to increase some requirements in Arts and Humanities and Social Sciences, including Ethics. LAS would be decreasing its Foreign Language requirement through an elimination of the college-level foreign language requirement. This would lead to uniformity to a biology degree from ISU. Makes advising more streamlined. The following questions arose:
• Should Academic Standards have a role in this review?
• Will the revised track disadvantage LAS students who are applying to graduate school?
• Would accepting the proposal set a precedent for other programs in the college?
• Do we have data on the trajectory of real number of student enrollment (not just fractions of students)?
• Is there really a need to streamline?
G. Miller will be in touch with Biology with these questions and concerns (E-mail sent to Tom Jurik on March 31).

4. U St 110X: Should this course be required of all international students? - Motion to approve by V. Dark; second by R. Wallace; vote: unanimous approval. (Voting outcome forwarded to FSCC.)

B. Experimental Courses
1. **ASL 325X**: Deaf Peoples: Pre-World War II for F15 (submitted 24-Mar)-
   - How does this proposed new course fit into an eventual minor/major, i.e., is there a curricular structure within which this course will fit? Before the approval of any additional ASL courses, the LASCC wishes to see a presentation of a plan for a possible minor/major.
   - A stronger justification is needed for this course.
   - They should be in dialogue with the Department of History.
   - What is the justification for the prereq/coreq “concurrent enrollment in ASL 205”? This breaks the mold of completing 200-level before starting 300-level courses in other languages.
   - What is the relationship to ASL 275? Could this subject be a topic for ASL 275?
   - The current proposal did not seem well suited to fulfill International Perspectives? The course seems more fitting for US Diversity.
   Tabled until more information is gathered.

2. **PHIL 400X**: Contemporary Metaphysics for S16 (submitted 24-Feb)
   - Resolution of pre-requisites, which sets a knowledge base for the course is needed; is a pre-requisite of 364 or 360 needed?
   - Course description needs to follow catalog format: strike “a survey” and “Examples of”
   - Identify a course number that provides a framework for sequencing other metaphysics courses within the Philosophy curriculum
   - Title should be consistent with other courses, perhaps Contemporary Analytic Metaphysics
   - Contact hours should be 3.
   - Motion to approve on the condition that changes are acceptable to LASCC Chair, by V. Dark, second by M. Viatori; vote: unanimous approval. (Proposal rolled back on March 31. GJM)

3. **CL ST 368X**: Religions of Ancient Greece and Rome with International Perspectives for S16 (submitted 18-Mar)- not yet reviewed

4. **PHIL 353X**: Buddhist Philosophy for S16 (submitted 24-Mar)- not yet reviewed

C. Majors / Minors / Programs
D. Other
1. LAS Communication Proficiency requirement- We have discovered that DARS and catalog copy are often inconsistent and/or silent on the grade requirements. Would this affect some sub-populations (international, transfer) more than others?

G. Miller will communicate the following to the LAS Academic Standards Committee:
• The LASCC supports a college-wide standard minimum grade for ENGL 150/250 that would allow departments/programs to set their own higher grade standards for 150/250 and to determine grade standards for the advanced writing courses. It was pointed out that any deviation in ENGL 150/250 minimum grades would need approval from the University Academic Standards Committee.
• If a college-wide minimum grade standard for ENGL 150/250 would be acceptable to the ASC committee, then please include as part of your discussion, considerations of the options for students who fail to meet this requirement, and how successfully meeting this requirement will be administered (i.e., by the specific program, or via other ways).

V. Adjournment
A. Next meeting: 17-April, 3pm, 353 Catt Hall (Department of Mathematics presentation)
B. Upcoming important deadlines:
   1. April 7 - Courses Not Taught Justifications
   2. Catalog edits to courses- April 7 preferred submission; April 21 final deadline.

Minutes approved April 17, 2015
LAS CURRICULUM COMMITTEE

Meeting Summary

Friday, 17-April, 2015


Department of Mathematics Visit – Department Chair Cliff Bergman and colleagues Gail Johnston and Heather Bolles shared an update on Mathematics. They have a fall external review scheduled. (The presentation slides will be attached to the pdf of these minutes.)

Additional comments:

- 33000 SCHs in the Fall 2014 (heavy service); 240-250 students in the major
- New course, MATH 106x, will have virtually no overlap with MATH 104 and MATH 105.
- UNI, U of Iowa and Iowa community colleges all use ALEKS for placement.
- Each Iowa community college chooses to align their math for elementary education courses with either ISU or UNI. Students who transfer in credits to ISU from community college courses that on paper align with ISU courses don't have the same depth of understanding of these topics as ISU students, and that lack affects their preparation for their subsequent content/methods courses.
- Math Plus Actuarial Science – There is a consistent interest among Math/Stat majors for actuarial science; however, this isn’t currently an area the department would like to pursue as a formal major.
- Issues: Getting enough students in advanced classes to ensure that they run
- American Mathematical Society just awarded the department the exemplary program award for its excellence across the board (work with undergraduate research, diversity, etc.)

I. Review of Meeting Summary: 27-Mar-2015 Motion to approve by R. Wallace, second by L. Quinn Allen; vote: unanimous approval.

- Clarification: The content of PHIL 460 has broken into PHIL 464X and PHIL 466. PHIL 460 renumbered to 466 for the 2016-17 Catalog.

II. Announcements
A. Actions taken since last meeting
B. News and updates
   1. General Updates
      a. Courses-Not-Taught status – Please alert G. Miller of any concerns in your cluster areas.
      b. End-of-semester lunch meeting – Stephanie will send out a doodle poll.
   2. Other (specific) updates
      a. FSCC:
         - Course Descriptions - “Assessed service-learning component” if appropriate.
         - Listing of experimental courses eligible for catalog
      b. LAS:
         - ASAC (English Grade Requirements) – The Academic Standards Committee tabled the discussion and is awaiting feedback from the LAS Representative Assembly.
• Iowa State University now has a Memorandum of Cooperation with UNI and the University of Iowa regarding coordination among UNI’s existing Criminal Justice program and the new program proposals from UI and ISU.

III. Unfinished Business
A. General Education, USD/IP Additions and Deletions
   1. Biology: General Education – (did not review)
B. Experimental Courses
   1. ASL 325X with US Diversity proposal and syllabus, resubmitted 4/14/2015
      • Long-term goal is to develop a minor
      • Organized, consistent student demand for additional coursework
      • V. Dark moved to approve, including US Diversity; second by Quinn Allen; vote: unanimous approval. (Approved in Courseleaf on Apr. 20. GJM)
C. Majors / Minors / Programs
D. Other
   1. TESL Specialization, Corpus and Computational Linguistics (resubmitted 4/6/2015)
   2. TESL Specialization, Teaching English to L1 Spanish Learners (resubmitted 4/6/2015)
      • What distinguishes these specializations from each other? Does the curriculum back this up? Is there a common core?
      • Provide a table that outlines the coursework and justification/purpose for each existing and proposed specialization including “open option.”
      • Which courses other than SPAN 510x prepare students to teach?
      • Send a TESL representative to the LASCC to present the program.
      • G. Miller will contact David Roberts to relay concerns and invite to a fall meeting.

IV. New Business
A. General Education, USD/IP Additions and Deletions
   1. Request to add AGRON 106X as an LAS Natural Science (delayed to future meeting)
B. Experimental Courses
   1. POL S 348X: British Government and Politics with IP (F15)
      • Do they intend POL S 215 as a prerequisite? Please justify that a U.S. government course should be a prerequisite.
      • Was it indeed approved by the Political Science Curriculum Committee?
      • Remove “study of” from the course description.
      • V. Dark moved approval of the course on the condition that G. Miller is satisfied with resolution of the above concerns; second by R. Wallace; vote: unanimous approval.
      • R. Wallace moved approval for International Perspectives, second by S. Lence; vote: unanimous approval. (POL S Curr. Comm. Approved this course – e-mail from D. Deam on Apr 20; POL S 215 is the appropriate pre-requisite – 348X belongs to field of “comparative politics”, so study of any nation’s political system (US in 215) is relevant knowledge. Approved, with change to course description in Courseleaf on April 22. GJM)
   2. BBMB 512X: Introduction to Glycobiology (F15) (delayed to future meeting)
   3. CL ST 368X: Religions of Ancient Greece and Rome with IP (S16) (delayed to future meeting)
   4. PHIL 353X: Buddhist Philosophy for (S16) (delayed to future meeting)
   5. MUSIC 375X: Choral Methods for Instrumentalists (S16) (delayed to future meeting)
C. Majors / Minors / Programs
D. Other
   1. Dual listing of SPAN 462 and 562; SPAN 463 and 563 (delayed to future meeting)
V. Adjournment at 5:07PM.
   A. Next meeting: 24-April, 3:10-4pm, 353 Catt Hall
   B. Upcoming important deadlines:
      1. Catalog edits to courses- April 21 final deadline

Approved 4/24/2015
DEPARTMENT OF MATHEMATICS

Course Overview
Courses by Audience

- General Education
- Remedial
- Precalculus
- Calculus and Math for Physical Sciences
- Other Clients
- Undergraduate Math Major
- Graduate
General Education Courses

- Math 104: Probability
  primarily for Social Sciences
- Math 105: Mathematical Ideas
  math for citizenship
- Math 106x: Discovering Mathematics
  mathematics and the arts
  [Atlantic Magazine](http://example.com)

Note: 104 and 105 require 3 years high school math, 38% ALEKS.
106x does not
Remedial Mathematics

- Math 10, which is actually
  - Math 25 and
  - Math 30
Precalculus

- Math 140: College Algebra
  (req. 3 yr. HS or Math 10, 38% ALEKS)
- Math 143: Preparation for Calculus
  (50% ALEKS)
- Math 142: Algebra & Trig
  Discontinued
First Year Calculus

- Math 160: Survey of Calculus (1 semester) Ag. Business
- Math 181-182: Calculus for Life Sciences
- Math 165-166: Calculus
- Math 166H: Honors Calculus II

All require 70% ALEKS
ALEKS Placement Test

- Required of all incoming students
- Used to recommend placement in initial Math class
- Research shows that a student’s experience in his/her first math class is the single best predictor of success in a STEM major
Sophomore-Junior Math for Physical Sciences

- Math 265: Calculus III
- Math 266/267: Differential Equations
- Math 207: Linear Algebra
- Math 373: Scientific Computing
- Math 385: Partial Differential Equations
- Math 481: Numerical Methods
- Math 407/507: Applied Linear Algebra
- Math 424: Introduction to High Performance Computing
Other Clients

• Business and Social Sciences
  • Math 150: Discrete Math
    38% ALEKS
  • Math 151: Calculus
    50% ALEKS

• Design and Kinesiology
  • Math 145: Applied Trigonometry
    50% ALEKS
Other Clients

- Mathematics for Elementary Education
  - Math 195-196
  - Math 297: Intermediate Topics
Undergraduate Mathematics Major

• Traditional Program
  Geared for various professions requiring high degree of mathematical expertise, graduate study in mathematical or physical sciences

• Math Plus
  Replace some mathematics courses with courses from an application area

Issue: getting enough students in advanced classes to ensure that they run
Math Plus Actuarial Science

- Consistent interest among Math/Stat majors for actuarial science
- Math 474x: Mathematics of Finance
- Second course under development
- A proper program would require internships + courses from the College of Business
Secondary Mathematics Education

- Traditional Mathematics Major
- Math 397: Connecting University Mathematics to Secondary Mathematics
- Math 435-436: Geometry
- Math/CI 497: Teaching Secondary School Mathematics
I. Review of Meeting Summary: 17-Apr-2015 Motion to approve by S. Lence, second by D. Hollander; vote: unanimous approval.

II. Announcements
A. Actions taken since last meeting
B. News and updates
   1. General Update
      a. The Provost announced a moratorium on new programs for all regents institutions until the TIER efficiency review is completed, sometime in Fall, 2015.
      b. End-of-semester Lunch meeting: Monday, May 4, El Azteca, 11:30am-1:00pm.
   2. Other (specific) updates
      a. FSCC: no updates
      b. LAS: Steps for discontinuing Botany (grad-level) underway, see vote below

III. Unfinished Business
A. General Education, USD/IP Additions and Deletions
   1. Uniform Biology Proposal General Education; Dr. Tom Jurik attended.
      • A Biology degree from Iowa State should have a consistent set of core requirements, whether obtained from LAS or CALS;
      • Setting a precedent: Biology, Genetics, Environmental Science (Genetics and ENV S would like to do this as well); Software Engineering (between LAS and ENG) used as a model;
      • Enrollment numbers: Since inception of Biology within CALS in 2005 steady increase from CALS, LAS seems level; however, since 2010, each has increased at similar rate;
      • Foreign Language: 87% of LAS students bring in 3-4 years of HS foreign language; 84% of CALS students bring in 3-4 years; proposal includes 2 years of high school foreign language (meant to be in line with Software Engineering - more specifics are needed concerning the wording, “4-8 credits”, at what level, 102?); some concern was expressed over substituting a study abroad experience for the foreign language requirement.
      • 300-level credits: transfer students run into challenges to meet the minimum number that often require an extra semester;
      • Proposal includes more rigorous math and science requirements than in LAS;
      • Speech and Ethics would be fine additions for the students and could substitute for 6cr. of LAS Arts and Humanities Gen. Educ.;
      • Social Science, 6cr. is a compromise between LAS and CALS requirements;
      • 43.5 cr. plus another 30 cr. of math and science (not a lot of flexibility for electives in the overall Biology curriculum);
      • How does the proposal affect the Associate of Arts articulation?
      • The Biology Program Committee has seen this proposal multiple times. There has been no violent opposition, but also no demonstrated enthusiasm;
      • Biology majors have difficulties enrolling in certain courses – however, some English courses (possible electives) have been cancelled due to low enrollments;
A “straw poll” of LASCC members about the need to consolidate General Education requirements between LAS and CALS was not in favor, although mixed. Further discussion is warranted.

B. Experimental Courses
C. Majors / Minors / Programs
D. Other

IV. New Business

A. General Education, USD/IP Additions and Deletions
   1. Request to add AGRON 106X as an LAS Natural Science (delayed to Fall, 2015)
   2. Request to add ENT 214X as an LAS Natural Science (delayed to Fall, 2015)

B. Experimental Courses
   1. CL ST 368X: “Religions of Ancient Greece and Rome” with IP (S16) (delayed to Fall, 2015)
   2. PHIL 353X: “Buddhist Philosophy” (S16) (delayed to Fall, 2015)
   3. MUSIC 375X: “Choral Methods for Instrumentalists” (S16) (delayed to Fall, 2015)
   4. BBMB 512X: “Introduction to Glycobiology” (S16) (delayed to Fall, 2015)

C. Majors / Minors / Programs
   1. Discontinuation of Botany Graduate Major: motion to approve by V. Dark; second by S. Lence; vote: 9-0-0 (LAS RA voted to approve 5/6/2015; currently in Grad College with CALS letter, 5/15/2015; Judy Strand thinks it will be on agenda for September. SH)

D. Other
   1. Dual listing of SPAN 462 and 562 and dual listing of SPAN 463 and 563
      - Concern raised that differential expectations were insufficiently weighted in the total assessment, so that workload may be different, but incentive to accomplish the different work was not apparent. Other members felt that the different workloads were spelled out, and that LASCC should not require specific grading schemes.
      - Motion to approve both dual lists by M. Viatori, second by M. Sivils; vote: approved by majority. LASCC recommended that concerns about differential expectation issues be relayed to proposers. (Approved in Courseleaf, Apr. 27; e-mail to Tom Waldemer to contact GCCC (Judy Strand) for recommendations on how to address possible concerns of contribution of differential expectations to the total assessment.)

V. Adjournment

A. Summer Business: To be handled by Chair
B. General Education Updates: Kathleen and Stephanie will work on 2015-16 Gen Ed Lists.
C. Next meeting: Last business meeting of Academic Year 2014-15.

Actions taken since last meeting, including Summer 2015 activity:
A. ENSCI 204X: Applied Exploration of Environmental Science I, approved by G. Miller 6/19/2015
B. ENSCI 205X: Applied Exploration of Environmental Science II, approved by G. Miller 6/19/2015
C. ECON 495X, changed grading basis to A-F, 4/17/2015
D. LAS 225 changed to HIST 225 for 2015-16 with HIST as major teaching department, 4/17/2015
E. AM IN 310 as repeatable, 4/17/2015
F. JL MC_PR_ADVRT499A&B listed with catalog subheads, 6/23/2015
G. MUSIC 114 anchor subhead adjustments, 7/30/2015
H. MATH 424 cross-listed with COM S and CPR E, 8/4/2015
I. BIOL 394, section BZ, offered as A-F for Summer 2015
J. PHYS_CHEM 102L, credit change, description edit, 8/31/2015
SH 8/11/2015; GJM 8/25/2015; SH 8/31/2015; approved by LASCC, 9/4/2015