5-12-2011

Undergraduate Curriculum and Academic Policy Committee Minutes, May 12 and 19, 2011

Undergraduate Curriculum and Academic Policy Committee

Minutes of May 12 and May 19, 2011 Meetings

Present May 12: Jean Edwards, Jeanne Fraker, Kathy Keister, Sarah McGinley, Richard Mercer, Tom Sav, Vaughn Shannon, Joe Slater. Guests: Mary Holland, Rudy Fichtenbaum.
May 19: Stephanie Davis, Jean Edwards, Jeanne Fraker, Kathy Keister, Joe Law, Sarah McGinley, Richard Mercer, Tom Sav, Vaughn Shannon, Joe Slater. Guests: Mary Holland.
May 26: Canceled due to time conflict wtih the University Budget Presentation.

Semester Conversion Inventory

May 12
No course inventories reviewed.

Reviewed on May 19 the following Semester courses:
(Note: Committee revisions are not reflected in the following documents. Individuals should login to the Course Inventory Workflow or visit the UCAPC Quarter to Semester Transition website to review revisions.)
May 19 Semester Courses*

*As agreed to by the college representatives, the committee made revisions to CS 1200, IE 4000, PHL 2100, PHL 3410EES 4750, HED 4430, HPR 4110, OL 4940, OL 4950, SRV 40000.

Program Conversions to Semester

May 12
The committee reviewed the following Minor program from the COSM. Individuals should login to the Program Inventory Workflow or visit the UCAPC Quarter to Semester Transition website to review any revisions made to these programs.
Biological Sciences Minor

May 19
The committee reviewed drafts of the following:
Wright State Core Courses and the Distribution of Courses to Elements
Wright State Core Transfer Policy and Guidelines
Student Guide for Transition to Wright State Core

Policies

May 12
The committee considered the proposal from the administration to the Faculty Senate Executive Committee to now install Saturday classes in the official semester calendar timeblock policy as previously approved.
Proposal -- Saturday Classes: 9:00-11:40 and 1:00-3:40
There was no support for the proposal from the committee, students, or the AAUP-WSU. It was noted,

that class scheduling and teaching outside of the officially approved timeblocks are possible on a voluntary basis -- that has always been true and is presently operational with regard to some program offerings. Objections to the proposal to make Saturday classes and teaching an official part of the semester calendar timeblocks were based upon the following:

* the absence of staff and service support for students and faculty on Saturdays -- proportional staff work hours and services would have to be made available on Saturdays
* the approved timeblocks provide a 33% increase in scheduling whereas there is a significantly lower % increase in total faculty teaching schedules at a given point in time in some colleges, e.g., COLA and RSCOB
* there might be consideration for possible distance learning and temporary classroom alternatives
* there needs to be a regard for students possibly attending classes 6 days per week or faculty teaching schedules increasing from 3 to 4 days or 4 to 5 days, etc.
* there needs to be a consideration or data regarding students who take Saturday opportunities for working and earning income or returning home for family needs
* there needs to be consideration of increased expenditures for commuting costs given the current and potential increases in gasoline prices
* there has yet to be developed a reasonably hard teaching and course offering schedule for Fall 2012 and Spring 2013 -- it was announced that only soft schedlues of day/evening offerings are the basis of the proposal
* there is the absence of family and religious differences and needs of faculty, staff, and students

Details of the objections will be presented to the Executive Committee and the Faculty Senate.

May 19

The committee reviewed a draft of the semester High School Preparation Policy, WSCore Courses, Policy Governing Transfer Students' Completion of the WSCore, Guidelines for Implementation of the WSU's Core Transfer Policy, and Student guide for Transition to the WSCore. The committee made several modifcations to the docments but will be requesting addiitional information before additionally acting upon these curriculum and policy matters.

Adjourned: UCAPC meetings and Senate meetings are as follows:

UCAPC Meeting	**UCAPC Submission Deadline (No Exceptions: receipt after forwards to the next meeting)**	**Faculty Senate Meeting New Business**	**Faculty Senate Meeting Old Business**
Spring Quarter Meetings Weekly Thursdays, 8:30 a.m. Rike 248	One week prior to UCAPC meetings. 12:00 Noon No exceptions.	May 2 June 6	June 6 September 12

UCAPC HOME

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7748 **STATUS:** Process **CREATOR:** Mateen Rizki **CREATED:** 5/2/11 **IN-PROCESS:** 5/5/11 WorkFlow	**VERSION:** REV **COURSE:** CS1200 - Introduction to Discrete Structures **STUDENT REC TITLE:** Intro. to Discr. Struct. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to discrete structures as relevant for computer science. Emphasis on developing a working knowledge of basic mathematical notation and manipulation with discrete structures. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture, Recitation REP HRS: 0 REP TIMES: 0 SEM PREREQ: MPL 3

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2244 **STATUS:** Process **CREATOR:** Michelle Streeter-Ferrari **CREATED:** 3/4/10 **IN-PROCESS:** 5/13/11 WorkFlow	**VERSION:** CURR **COURSE:** IE400 - International Education **STUDENT REC TITLE:** International Education **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** Other **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Independent Study QTR EQUIV: IE 400
	VERSION: REV **COURSE:** IE4000 - International Education **STUDENT REC TITLE:** International Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Placeholder for students studying abroad on Wright State University Education Abroad Programs. Course placeholder will be replaced with Wright State courses when student returns from abroad. **COLLEGE:** Other **CRED HR:** 0 **VAR CRED RANGE:** 6 - 18 **GRADE SYS:** N **LEVEL:** Undergraduate **COURSE TYPE:** REP HRS: 999 REP TIMES: 999 RESTRICTION: By permission of instructor only. QTR EQUIV: IE 400

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2410 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 3/22/10 **IN-PROCESS:** 5/5/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH316 - Nmrcl Methods Dig Comp I **STUDENT REC TITLE:** Nmrcl Methods Dig Comp I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to numerical methods used in the sciences. Methods of interpolation, data smoothing, functional approximation, integration, solutions of systems of equations, and solutions of ordinary differential equations. Three hours lecture, two hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture/Lab Combination QTR PREREQ: MTH 231 and (MTH 253 or MTH 255 or MTH 235) and (CEG 220 or CS 142 or CS 241 or EGR 153) QTR EQUIV: MTH 317
	VERSION: CURR **COURSE:** MTH317 - Nmrcl Methods Dig Comp II **STUDENT REC TITLE:** Nmrcl Methods Dig Comp II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to numerical methods used in the sciences. Methods of interpolation, data smoothing, functional approximation, integration, solutions of systems of equations, and solutions of ordinary differential equations. Three hours lecture, two hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture/Lab Combination QTR PREREQ: MTH 231 and (MTH 253 or MTH 255 or MTH 235) and (CEG 220 or CS 142 or CS 241 or EGR 153) QTR EQUIV: MTH 317
	VERSION: REV **COURSE:** MTH3260 - Numerical Methods for Computational Science **STUDENT REC TITLE:** Num Mthds Comput Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical methods for the sciences using modern programming languages. Solution of linear and nonlinear equations, symmetric matrix eigenvalue problems, interpolation and least squares. Initial value and boundary value problems for representative systems governed by ordinary and partial differential equations are also solved numerically. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2410 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 3/22/10 **IN-PROCESS:** 5/5/11 WorkFlow	REP HRS: 0 REP TIMES: 0 SEM PREREQ: (CS 1160 or CS 1180 or CEG 2170) and (MTH 2350 or (MTH 2330 and MTH 2530)) XLIST: MTH 5260, CS 3260, CS 5260 QTR PREREQ: MTH 231 and (MTH 253 or MTH 255 or MTH 235) and (CEG 220 or CS 142 or CS 241 or EGR 153) QTR EQUIV: MTH 317

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2468 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 3/24/10 **IN-PROCESS:** 5/5/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH416 - Matrix Computations **STUDENT REC TITLE:** Matrix Computations **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of numerical methods in linear algebra, emphasizing practice with high-level computer tools. Topics include Gaussian elimination, LU decomposition, numerical eigenvalue problems, QR factorization, least squares, singular value decompositions, and iterative methods. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: MTH 253 or MTH 355 and CS 142 or CS 241 QTR EQUIV: MTH 416
	VERSION: REV **COURSE:** MTH4260 - Matrix Computations **STUDENT REC TITLE:** Matrix Computations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical linear algebra survey using high-level computing tools. Topics include linear equations, matrix factorizations, eigenvalue problems, least squares, applications of singular value decompositions, and iterative methods for large sparse matrices. Emphasizes conditioning of problems and accuracy and stability of algorithms. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MTH 2530 and (CS 1160 or CS 1180 or CEG 2170) XLIST: CEG 6260, CEG 4260, MTH 6260 QTR PREREQ: MTH 253 or MTH 355 and CS 142 or CS 241 QTR EQUIV: MTH 416

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
453 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 11/22/09 **IN-PROCESS:** 5/5/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH419 - Cryptography & Data Security **STUDENT REC TITLE:** Cryptography & Data Security **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to the mathematical principles of data security. Various developments in cryptography will be discussed, including public-key encryption, digital signatures, the data encryption standard (DES), and key safeguarding schemes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: MTH 253 or MTH 255 QTR EQUIV: MTH 419
	VERSION: REV **COURSE:** MTH4290 - Cryptography and Data Security **STUDENT REC TITLE:** Cryptography Data Secur **EFFECTIVE:** Fall 2012 **COURSE DESC:** Mathematical principles of cryptography and data security. Introduces relevant algebra and number theory. Discusses developments in cryptography, including the data encryption standard (DES), public-key encryption (RSA), cryptographic hash functions, digital signatures, key safeguarding schemes, and cryptographic protocols such as key exchange and entity authentication, identification schemes, electronic elections and digital cash. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MTH 2530 XLIST: CS 6290, MTH 6290, CS 4290 QTR PREREQ: MTH 253 or MTH 255 QTR EQUIV: MTH 419

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
459 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 11/22/09 **IN-PROCESS:** 5/5/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH456 - Coding Theory **STUDENT REC TITLE:** Coding Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examines the essentials of error-correcting codes and the study of methods for efficient and accurate transfer of information. Topics to be covered include basic concepts, perfect and related codes, cyclic codes, and BCH codes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: MTH 253 or MTH 355 QTR EQUIV: MTH 456
	VERSION: REV **COURSE:** MTH4240 - Coding Theory **STUDENT REC TITLE:** Coding Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Essentials of error-correcting codes, including methods for efficient and accurate transfer of information. Perfect and related codes, linear and cyclic codes, BCH codes, Reed-Muller codes, Reed-Solomon cods, Self-dual codes, weight enumerators and bounds. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MTH 2530 XLIST: CS 6240, EE 6780, MTH 6240, CS 4240, EE 4780 QTR PREREQ: MTH 253 or MTH 355 QTR EQUIV: MTH 456

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6498 **STATUS:** Process **CREATOR:** William Irvine **CREATED:** 11/5/10 **IN-PROCESS:** 5/12/11 WorkFlow	**VERSION:** REV **COURSE:** PHL2100 - Philosophy of State and Society **STUDENT REC TITLE:** Phil. of State & Soc. **EFFECTIVE:** Fall 2012 **COURSE DESC:** An examination of the ongoing political debate within our culture, including an examination of the role government should play in a good society. Among the questions to be considered: Should governments exist? If so, how much power should they possess, and to what end should they exercise this power? This course is, with EC 2100, part of a two-course Wright State Core sequence on government and society. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 GEN ED: Y **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2806 **STATUS:** Process **CREATOR:** Donovan Miyasaki **CREATED:** 4/20/10 **IN-PROCESS:** 5/11/11 WorkFlow	**VERSION:** CURR **COURSE:** PHL341 - Aesthetics **STUDENT REC TITLE:** Aesthetics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of theories concerning the nature of the work of art, aesthetic experience, the arts, and beauty. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: PHL 341
	VERSION: REV **COURSE:** PHL3410 - Aesthetics and Philosophy of Art **STUDENT REC TITLE:** Aesthetics & PHL of Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** An examination of theories of art and beauty, considering questions such as: is fine art different from craft or entertainment? Are there objective standards of artistic value? Is arts purpose to express emotion, communicate truth, or produce pleasure? Do ethical flaws affect artistic value? Considers a variety of ways of interpreting, evaluating, and appreciating artworks, in order to develop a richer sense of what art is and why we value it. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: PHL 341

Academic Program Quarter to Semester Conversion and New Semester Program

College	**College of Science and Mathematics**
Department	**Biological Sciences**
Degree (A.A. B.S., B.F.A., etc.) & Title	
Concentration, Track, Option, Specialization	
Minor Program Title	**Biological Sciences Minor**
Certificate Program Title	

Quarter System Program	
	Hours
II. Departmental Core Requirements BIO 111, 112, 115, 492	14
III. Life Science Electives Select 22 credits from approved BIO, EXB, or M&I electives • BIO 200 - 499 (max. of 5 cr hrs of independent study, BIO 399, 495, 488, 492, or 499 may apply) • EXB 200 – 499 • M&I 200 – 499 • Approved courses by the Department	22
Total	36

Semester System Program	
	Hours
II. Departmental Core Requirements BIO 1120, 1150, Senior Capstone Experience (choose one of the following courses: BIO 4000, 4020, 4920)	9
III. Life Science Electives Select 15 credits from approved BIO, EXB, or M&I electives. A minimum of one lab-based course required. Choose from the following: • BIO 2000 - 4990 (may not include more than three hours of independent study from BIO 3990, 4950, 4880, 4920, 4990) • EXB 2000 – 4990 • M&I 3000 – 4990 • Courses approved by the department	15
Total	24

Notes:

***All BIO, EXB and M&I courses must be a grade of C or better for graduation credit**

***Other courses outside the Biology Department may be considered for approval**

Edits:
-- in item II, “course” changed to “courses”
-- In item III, “1 lab based courses” changed to “one lab-based course”
-- In item III, “Choose from the following:” added
-- In item III, “(max. of 3 cr hrs of independent study, BIO 3990, 4950, 4880, 4920, or 4990 may apply)” changed to “(may not include more than three hours of independent study from BIO 3990, 4950, 4880, 4920, 4990**)”**
-- In item III, “Approved courses by the Department” changed to “Courses approved by the department”