BROOKLYN COLLEGE
OF
THE CITY UNIVERSITY OF NEW YORK

FACULTY COUNCIL

Meeting of December 9, 2014

The Committee on Undergraduate Curriculum and Degree Requirements herewith submits its recommendations in Curriculum Document 372.

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Respectfully submitted,

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Members of Faculty Council with any questions are urged to contact Douglas Cohen at dcohen@brooklyn.cuny.edu or (718) 951-5945 prior to the meeting.

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Material located with strike-through is to be deleted and material underlined is to be added.
SECTION A-III: CHANGES IN DEGREE PROGRAMS
Department of Accounting

B.S. degree program in internal accounting
HEGIS code 0502; SED program code 92277

The B.S. in Internal Accounting is mainly targeted to students who are not interested in becoming CPAs. However, students graduating from the Internal Accounting program may be able to TAKE the CPA exam but will NOT be able to receive licensure in New York State unless they subsequently complete the other 30 required credits. As you know, the state requires 150 credits for certification/licensure. If you are considering becoming a CPA, you should be majoring in (A) BS in Accounting and then complete 30 credit graduate MS in Accounting program or (B) 150-credit undergraduate program BS in Accounting and BMF.

Department requirements (53-57 61-62 credits)
All of the following: Economics 2100 or Business 2100; Economics 2200 or Business 2200; Economics 3400 or Business 3400 or Mathematics 2501 or Mathematics 3501; Business 3310 or Business 3320 or Economics 3320; Business 3100; Business 3200; Business 3330; Computer and Information Science 1050 or Business 3430 or Computer and Information Science 2531.

For many courses in this program, students are expected to have proficiency in spreadsheet analysis for business (e.g., MS Excel); for students without this skill set, Computer and Information Science 1050 is highly recommended.

All of the following with a grade of C or better: Accounting 2001, 3001, 3011, 3021, 3041, 3051, 3101, 3201, 4501W.

Two of the following: Economics 3320 or Business 3320; Business 3310 or Economics 3332; Business 3330.

One of the following: Philosophy 3314 or Speech 2623.
Both of the following: Philosophy 3314 and Speech 2623.

Students majoring in accounting must achieve a grade of C or better in all courses starting with an Accounting prefix. No accounting course may be taken more than three times by an accounting major. Students taking a specific accounting course three times without achieving a grade of C or better (this includes Inc, W, WN, WU, WF, and ABS grades), may not take that course again and will not be permitted to major in accounting at Brooklyn College.

Writing-Intensive Requirement: Students are required to take at least one writing-intensive course (W course).
Residence requirement: Students must complete a minimum of 30 credits at Brooklyn College, all with a grade of C or higher. The work of the senior year must be completed at Brooklyn College.

Clearances: Philosophy and Speech Communication Arts & Sciences

Rationale: Curriculum is being revised so that the business and accounting majors will have a common business core. In addition to being pedagogically sound, this change will help with program assessment and AACSB accreditation. The change to require both the Philosophy and the Speech courses, instead of only one or the other, is to comply with the requirements of the New York State Board of Public Accountancy.

Date of department approval: July 29, 2014

Effective date of the change: Fall 2015
SECTION A-III CHANGES IN DEGREE PROGRAMS
Department of Accounting

B.S. degree program in accounting (public accounting)
HEGIS code 0502; SED program code 01990

This program can be used in conjunction with the MS in Accounting to quality qualify for certification of the 150 credits required to become a certified public accountant (CPA) in New York. The two programs together are state certified (120 undergraduate credits + 30 graduate credits). Students who graduate from the BS in Accounting program with an overall GPA of at least 3.0 and take the GMAT will be able to apply for the Brooklyn College MS in Accounting Program. Please speak to an Accounting Program advisor to learn about the new changes requirements to take the CPA examination. You do not need to complete 150 credits to take the CPA exam; however, you do have to complete certain courses and 120 credits. You will need the 150 credits plus one year of work experience under a CPA to become licensed as a CPA in New York State. Students who are interested in a state-certified program consisting of 150 undergraduate credits should consider the BS in Public Accounting and Business, Management and Finance. See the checklist for this program on the website.

Department requirements (69-74 70-71 credits)
All of the following: Accounting 2001, 3001, 3011, 3021, 3041, 3051, 3101, 3201, 4001, 4011, 4201, 4501 or 4501W; Economics 2100 or Business 2100; Economics 2200 or Business 2200; Business 3400 or Economics 3400 or Mathematics 2501 or Mathematics 3501; Business 3100; Business 3200; Business 3310 or Economics 3320 or Business 3320; Business 3330; Business 3430 or Computer and Information Science 2531 or Computer and Information Science 1050.

For many courses in this program, students are expected to have proficiency in spreadsheet analysis for business (e.g., MS Excel); for students without this skill set, Computer and Information Science 1050 is highly recommended.

Students with proficiency in spreadsheet analysis for business (e.g., MS Excel) should take Business 3430 or Computer and Information Science 2531 rather than Computer and Information Science 1050. Since Operations Management is on the CPA exam, all accounting students who plan on taking the exam, even those taking CIS 1050, should make every effort to take Business 3430 or the cross-listed Computer and Information Science 2531.

Three of the following: Economics 3320 or Business 3320; Business 3310 or Economics 3332; Business 3330; Business 2300.

Two of the following: Business 2010; Business 3240; Business 3200; Business 3100; Business 3260; Business 3340; Business 3350; Business 4200W; Business 4300W.

One of the following: Philosophy 3314 or Speech 2623.

Material located with strike-through is to be deleted and material underlined is to be added
Both of the following: Philosophy 3314 and Speech 2623.

Students majoring in accounting must achieve a grade of C or better in all courses starting with an accounting prefix. No accounting course may be taken more than three times by an accounting major. Students taking a specific accounting course three times without achieving a grade of C or better (this includes Inc, W, WN, WU, WF, and ABS grades), may not take that course again and will not be permitted to major in accounting at Brooklyn College.

**Writing-Intensive Requirement:** Students are required to take at least one writing-intensive course (W course).

**Clearances:** Philosophy and Speech Communication Arts & Sciences

**Rationale:** Curriculum is being revised so that the business and accounting majors will have a common business core. In addition to being pedagogically sound, this change will help with program assessment and AACSB accreditation. The change to require both the Philosophy and the Speech courses, instead of only one or the other, is to comply with the requirements of the New York State Board of Public Accountancy.

**Date of department approval:** July 29, 2014

**Effective date of the change:** Fall 2015
SECTION A-III CHANGES IN DEGREE PROGRAMS
Department of Accounting

B.S. degree program in public accounting and business, management and finance
HEGIS code 0502; SED program code 35423

New York State CPA candidates are now eligible to take the Uniform CPA Examination prior to completing their degree but after having completed certain courses and at least 120 credits. Students may seek advisement from an Accounting Program advisor regarding these changes or by contacting the New York State Board of Public Accountancy. Generally, to become licensed as a Certified Public Accountant in New York State a candidate must have (a) earned a bachelor's degree, (b) completed 150 credit hours of study that includes a particular accounting curriculum, (c) passed the Uniform CPA examination and (d) completed one year of work experience under a licensed CPA. Students who expect to become CPA candidates in other jurisdictions another jurisdiction are advised to consult the Board of Accountancy in that jurisdiction. The program outlined below draws upon and combines required courses in the existing Business, Management, and Finance major (HEGIS code 0506; SED program code 85067) and the Public Accounting undergraduate accounting major (HEGIS code 0502; SED program code 01990) which can be used in conjunction with the MS in Accounting program to qualify for certification of the 150 credits required to become a certified public accountant (CPA) in New York. Thus, students successfully completing this program will graduate with a single B.S. degree tantamount to a double major, as indicated in the title of the program, and totaling 150 credits including the College's general education requirements. The two existing programs are not being discontinued. They will serve students not interested in pursuing the 150 credit this 150-credit five-year program.

Program requirements (85-86 82-84 credits)

All of the following:
Accounting 2001; 3001; 3011; 3021; 3041; 3051; 3101; 3201; 4001; 4011; 4101; 4201; 4501W; Business 3100; Business 3200; 3240 or Psychology 3472; Business 3310; Business 3400 or Economics 3400 or Mathematics 2501 or 3501; Business 3430 or Computer and Information Science 2531; Business 4200W or 4300W; Business 2100 or Economics 2100; Business 2200 or Economics 2200; Business 3410 or Economics 3410 or Mathematics 1201; Business 3320 or Economics 3320; Business 3330; Computer and Information Science 1050.

For many courses in this program, students are expected to have proficiency in spreadsheet analysis for business (e.g., MS Excel); for students without this skill set, Computer and Information Science 1050 is highly recommended.

Material located with strike-through is to be deleted and material underlined is to be added
Two of the following: Business 2300; Business 3320 or Economics 3320; Business 3330.

One of the following: Philosophy 3314 or Speech 2623.  
Both of the following: Philosophy 3314 and Speech 2623.

You must take additional courses to complete the 150-credit requirement.

Highly recommended elective: Accounting 3360 or Business 3360.

Students must achieve a grade of C or better in each of the required Accounting courses. No Accounting course may be taken more than three times by a student in this major. Students taking a specific Accounting course three times without achieving a grade of C or better (this includes INC, W, WN, WU, WF, and ABS grades), may not take that course again and will not be permitted to complete this major or any other Accounting major at Brooklyn College.

Writing-Intensive Requirement: Students are required to take at least one writing-intensive course (W course).

Clearances: Philosophy and Speech Communication Arts & Sciences

Rationale: Curriculum is being revised so that the business and accounting majors will have a common business core. In addition to being pedagogically sound, this change will help with program assessment and AACSB accreditation. The change to require both the Philosophy and the Speech courses, instead of only one or the other, is to comply with the requirements of the New York State Board of Public Accountancy.

Date of department approval: July 29, 2014

Effective date of the change: Fall 2015
SECTION A-III: CHANGES IN DEGREE PROGRAMS
Program in Urban Sustainability

B.A. degree program in urban sustainability
HEGIS code 0420; SED program code 21627

Program requirements (45-54 48-57 credits)

Students must complete both A and B below:

A. All of the following courses:
Urban Sustainability 1001, Urban Sustainability 2001, Biology 1001, Biology 3083, Earth and environmental sciences 1201, 3750, Economics 2200, 3254, Sociology 1101, 2201, Philosophy 3309, Urban Sustainability 4001W.
Economics 3400 or Earth and environmental sciences 3800 or Sociology 2112.

(Students who have completed Economics 2251 or Earth and environmental sciences 1500 or Sociology 2202 have satisfied the requirement for Urban Sustainability 1001; students who have completed Economics 3251 or Earth and environmental sciences 1501 or Sociology 2203 have satisfied the requirement for Urban Sustainability 2001).

B. Students must complete one of the three Options below:

Option 1: Concentration in Environmental Science
Earth and environmental sciences 3600, 3610, 3675, 3900.
Chemistry 1040 or 1100 or Earth and environmental sciences 3100.

Option 2: Concentration in Environmental Economics
Economics 3202, 3252, 3253, 4400W.

Option 3: Concentration in Environmental Sociology
Sociology 2701, 3202, 3204, 3205.

Clearances: Biology, Earth and Environmental Sciences, Economics and Sociology

Rationale: SUST 1001 and SUST 2001 have been approved by Faculty Council in its meetings of April and May 2014, and replace cross-listed courses in Economics, Earth and Environmental Sciences, and Sociology. This program change incorporates these approved courses.

Biology 1001, General Biology I, is being added as a program requirement. The Department of Biology has agreed to accept this course, along with instructor
permission, in lieu of Biology 1002, as prerequisites for Biology 3083, Principles of Ecology, for students enrolled in the Urban Sustainability program. Earth and environmental sciences 3900, Meteorology, is being added to the Concentration in Environmental Science. It was the original intent to include this course in the Environmental Concentration so that students would have focused on the lithosphere (EESC 3675), hydrosphere (EESC 3600) and atmosphere (EESC 3900). It was an oversight that EESC 3900 was not included in previous bulletins and this program change document corrects this omission.

Date of departmental approval: October 28, 2014

Effective date: Fall 2015.
SECTION A-IV: NEW COURSES
Program in American Studies

AMST 3709 Performing Blackness
3 hours; 3 credits

Inventing identity through black performance. The appropriation and performance of race towards widely divergent ends within and outside of African American culture. Self empowerment through racial stereotyping. Performance as a principal medium of cross cultural imagination and self definition. The “subject” in opposition to the “other.” Examination of performance structures emerging from mimicry and appropriation. Performance styles include: the exotic shows of 19th century Europe, the blackface minstrel theater, Carnival in the Americas, popular culture. This course is the same as Africana Studies 3215.

Prerequisite: English 1010

Contact hours: 3

Frequency of Offering: 1 section per year

Projected enrollment: 25 students

Clearances: Africana Studies

Rationale: Africana Studies has been offering this course since 2010, when it was first approved. The course’s interdisciplinary nature and its focus on the intersection of culture, nation, race, and performance, also make it a perfect fit in the American Studies curriculum, which has developed an increasingly trans-national perspective in recent years. As a result, Africana and American Studies have agreed to cross-list the course.

Program/Department Goals Addressed by this Course:

To understand the cultural and social institutions, beliefs, values, and expressive arts that shape American society and its transnational currents.

To understand the social, cultural, and ideological diversity of American culture, and the manner in which the intersecting dynamics of race, ethnicity, class, gender, and other axes of social difference produce dissimilar "American" experiences for individuals and groups.

To interpret, discuss, and critically analyze a wide range of cultural documents and expressive forms, including: material objects; still and moving images; practices and performances; and oral and written texts.
To understand the relation between expressive forms of American culture and structures of social and political power; to think carefully and critically about dynamics of social and cultural inequality, difference, and justice.

**Learning Objectives:**
To understand how race is appropriated and performed towards widely divergent ends within and outside of African American culture.

To determine whether racial stereotypes reinforce core fantasies about cultural hegemony.

To understand performance as principal medium in the construction of cross cultural imagination and self definition.

To understand how the performance of race helps to define the subject in opposition to the other.

**Course Outline:**

1. Introduction to Performance Theory

   **Weeks 1 & 2**


2. Africans on Display

   **Week 3**

   Lindfors, Bernth ed. *Africans on Stage: Studies in Ethnological Show Business*.
III. Market Performances in the Americas

Week 4


IV. Minstrelsy

Weeks 5 & 6


V. Slave Performances in the Americas

Weeks 7 & 8


VI. Canboulay and Carnival

Weeks 9 & 10

VII. Popular Culture: Hip Hop

Weeks 11 & 12

Tricia Rose on Hip Hop and Blackness http://www.youtube.com/watch?v=8wVrj5C2xhl

VIII. Popular Culture: Film and Theater

Weeks 13, 14 & 15


Selected Bibliography

Books and Published Articles


Cowley, John Carnival, Canboulay and Calypso: Traditions in the Making. Cambridge:

Material located with strike-through is to be deleted and material underlined is to be added


Unpublished Articles/Dissertations:


Smith, Cherise. *En-Acting "Others": Ethnic, Gender, And Racial Performance In Works By Eleanor Antin, Adrian Piper, And Anna Deavere Smith*. Stanford University, 2004 (dissertation)


On-line video:

History of African American Dance
http://www.youtube.com/watch?v=pONVYmELkhk

PBS Jazz documentary includes info on Minstrelsy
http://www.pbs.org/jazz/index.htm

Tricia Rose on Hip Hop and Blackness
http://www.youtube.com/watch?v=8wVrj5C2xhI

**Learning outcomes:**

Students will gain skills necessary to analyze and critique black performance.

Students will be able to distinguish between performing ethnography and performing race.

Students will understand the history of black performance and the strategies of appropriation and exhibitionisms that were critical to the construction and development of black performance in Europe and the Americas.

Students will be able to assess the intentions of the performance genres and whether they serve/d to celebrate or denigrate specific cultural groups.

Students will understand specific vocabulary connected to these performance traditions.

**Method of Evaluation**

Material located with strike-through is to be deleted and material **underlined** is to be added
Attendance and Participation – 20%
Reading Log I - 25%
Reading Log 2 - 25%
Final Exam – 30%

Reading Log- Every student will be required to maintain a reading log to record impressions of responses to and reflection on assigned works as they are being read and studied and at the conclusion of each reading. The responses, reflections and experiments recorded will serve as a reservoir of ideas and first-draft writing that they can draw upon for the final exam.

Method of Assessment

Class discussions will demonstrate that students have analyzed and reflected on the readings and their ability to apply these constructs to the case studies addressed in class.

Reading logs will determine how students are analyzing and reflecting on the readings and what types of writing this analysis engenders.

Final Assignment will assess students’ abilities to apply performance theory to a designated case study for the purpose of evaluating black performance.

Date of departmental approval: October 20, 2014
Effective date: Fall 2015
SECTION A-IV: NEW COURSES
Department of Psychology

PSYC 4400 Advanced Psychological Statistics
3 hours; 3 credits

A survey of advanced statistical techniques common in psychological research. Includes a review of descriptive and univariate inferential statistics, followed by multivariate statistics including regression-and ANOVA-based techniques, effect sizes and meta-analysis, and an introduction to Bayesian statistics.

Prerequisite: PSYC 3400 or permission of the Chairperson

Contact hours: 3

Frequency of Offering: 1 section per year in the Fall semester

Projected enrollment: 25 students

Clearances: Department of Mathematics (pending)

Rationale: This advanced course will focus on a wide range of statistical methods and issues that are common in contemporary psychological research, but which cannot be covered in the introductory statistics course (PSYC 3400) due to time constraints. The course is intended mainly for undergraduate students in Psychology (and potentially other majors) who are planning to pursue doctoral-level training in research-intensive programs, as a way of making our students competitive with students from other institutions who often have the opportunity to take multiple semesters of non-calculus based statistics courses as undergraduates. This course will also strengthen the Psychology department’s commitment to fostering undergraduate research, by making a larger and more sophisticated methodological and analytic toolbox available to students.

No special facilities are required to offer this course apart from a Smart Classroom.

Program/Department Goals Addressed by this Course: This course addresses goals of the Psychology Department, in that it promotes an understanding of scientific methods and critical thinking as well as content knowledge of psychology, communication and information/technology skills, applying psychological principles as well as personal development and preparedness for graduate studies and/or professional advancement. The course will also be instrumental in fostering high-quality student research. The course is appropriate for students in many sub-disciplines within Psychology that have a strong research orientation.

Content Objectives of Course: Through this course, students will 1) understand how scientific questions in psychology are posed and answered through advanced univariate
and multivariate methods of statistical data analysis, 2) demonstrate competence in performing a variety of univariate and multivariate statistical tests, and 3) become more adept at critically examining claims people make, both in the research literature and in everyday life.

**Generic Education Objectives of Course:** This course is aimed at 1) promoting critical thinking skills (about research, methodology, theory and applied concepts), and 2) developing the ability to review and present primary literature.

**Outcomes Anticipated for Course:**
In order to demonstrate mastery of the learning objectives, students will 1) be given the opportunity to perform on in-class examinations, 2) develop and deliver an in-class presentation and write a course paper based on an original analysis of data using the techniques covered in the course, and 3) share their knowledge through class participation.

**Course Outline:** A survey of advanced statistical techniques common in psychological research. Includes a review of descriptive and univariate inferential statistics, followed by multivariate statistics including regression- and ANOVA-based techniques, effect sizes and meta-analysis, and an introduction to Bayesian statistics. Sample syllabus is as follows:

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<thead>
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<th>Date</th>
<th>Topic(s)</th>
<th>Readings</th>
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<tr>
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<td>Introduction</td>
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<td>Review of descriptive statistics – 1</td>
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<td>Review of inferential statistics – 1</td>
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<td>Week 3</td>
<td>An introduction to linear algebra</td>
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<td>Data pre-screening and exploration</td>
<td>Mertler &amp; Vannatta: Ch. 3</td>
<td>#2 out</td>
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<td>Week 4</td>
<td>The General Linear Model (GLM)</td>
<td>Aron, Aron, &amp; Coups: WC4</td>
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<td>Week 5</td>
<td>Linear and multiple regression – 2</td>
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<td>Logistic Regression</td>
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<td>A conceptual introduction to multi-level modeling</td>
<td>Silvia #3 due</td>
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<td>Review for Midterm Exam</td>
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<td>MIDTERM EXAM</td>
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<td>Factorial ANOVA</td>
<td>Mertler &amp; Vannatta: Ch. 4 #4 out</td>
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<td>Multiple comparisons and contrasts</td>
<td>Myers &amp; Well: Ch. 9</td>
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<td>Repeated-Measures ANOVA</td>
<td>Aron, Aron, &amp; Coups: WC3; Myers &amp; Well: Ch. 13</td>
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<td>Mixed-model ANOVA</td>
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<td>ANCOVA</td>
<td>Mertler &amp; Vannatta: Ch. 5 #5 out</td>
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<td><em>Information Session on Final Projects</em></td>
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<td>Introduction to the 'new statistics'</td>
<td>Cumming: Ch. 1 – 3</td>
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<td>Confidence intervals and parameter estimation</td>
<td>Cumming: Ch. 1 – 6 #5 due</td>
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<td>General Review for Final Exam Student Presentations of Final Projects</td>
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Bibliography:

Required Texts:

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Other Readings:

Method of Evaluation: Students will be evaluated on mastery of the learning objectives based on performance on two exams (mid-term and final; 16% and 25%, respectively), a final data analysis project (21%, including both an in-class presentation and a written term paper), weekly in-class quizzes (20%), and weekly homework assignments (18%).

Method of Assessment: Course objectives and outcomes will be compared through 1) the administration of two exams (mid-term and final), homework assignments, and quizzes, and 2) each student’s completion of both an in-class oral presentation and research term paper, both based on data analysis using at least one of the advanced techniques covered in the course. Exams, homework assignments, quizzes, presentations and papers will be evaluated and assigned a grade using a rubric for scoring that is based on the course objectives (as a frame of reference) and requirements stated in the course syllabus.

Date of departmental approval: November 11, 2014

Effective date: Fall 2015
SECTION A-V: CHANGES IN EXISTING COURSES
Department of Computer and Information Science
Change in prerequisite

FROM:

CISC *1590 Management Information Systems

3 hours; 3 credits

Management information systems as a business resource for achieving competitive advantage. The major IT applications used in business and how they enable competitiveness. The central role that relational databases and data warehouses play in the business world. How IT has enabled and accelerated the growth of e-commerce. The role of decision support systems and artificial intelligence in business. Overview and impact of IT infrastructure design. System Development Lifecycle, project management, outsourcing, offshoring and its impact on the US economy. Information security, intellectual property rights, copyright and patent law on a national and international level. New trends in technology and their potential impact on industry. Case studies and team project are required. This course is the same as Business 3420. (Not open to students who have completed Business 3420.)

Prerequisite: Computer and Information Science 1050. and at least sophomore standing; or permission of the chairperson

TO:

CISC *1590 Management Information Systems

3 hours; 3 credits

Management information systems as a business resource for achieving competitive advantage. The major IT applications used in business and how they enable competitiveness. The central role that relational databases and data warehouses play in the business world. How IT has enabled and accelerated the growth of e-commerce. The role of decision support systems and artificial intelligence in business. Overview and impact of IT infrastructure design. System Development Lifecycle, project management, outsourcing, offshoring and its impact on the US economy. Information security, intellectual property rights, copyright and patent law on a national and international level. New trends in technology and their potential impact on industry. Case studies and team project are required. This course is the same as Business 3420. (Not open to students who have completed Business 3420.)

Prerequisite: Computer and Information Science 1050.

Date of departmental approval: September 16, 2014

Material located with strike-through is to be deleted and material underlined is to be added
Effective date: Fall 2015
SECTION A-V: CHANGES IN EXISTING COURSES
Department of English
Change in prerequisite

FROM:

ENGL 1010 English Composition I
3 hours and conference; 3 credits

Workshop in expository writing: strategies of, and practice in, analytical reading and writing about texts. Fundamentals of grammar and syntax. Frequent assignments in writing summaries, analyses, comparisons of texts, and such other expository forms as narration, description, and argumentation. Emphasis on writing as a process: invention, revision, editing. Satisfies Pathways Required Core English composition requirement. (Not open to students who have completed English 1.7.)

Prerequisite: Placement in the course on the basis of 480 or higher on the verbal SAT or 75 on the New York State Regents Examination in English, or a score of 7 on the ACT writing examination.

TO:

ENGL 1010 English Composition I
3 hours and conference; 3 credits

Workshop in expository writing: strategies of, and practice in, analytical reading and writing about texts. Fundamentals of grammar and syntax. Frequent assignments in writing summaries, analyses, comparisons of texts, and such other expository forms as narration, description, and argumentation. Emphasis on writing as a process: invention, revision, editing. Satisfies Pathways Required Core English composition requirement. (Not open to students who have completed English 1.7.)

Prerequisite: Placement in the course on the basis of 480 or higher on the verbal SAT or 75 on the New York State Regents Examination in English, or a score of 56 on the CUNY CATW writing examination.

Rationale: The ACT writing exam is no longer used by CUNY. The new CATW writing exam is now being used in its place. The CATW score of 56 is equivalent to the ACT score of 7.

Date of departmental approval: September 9, 2014

Effective date: Fall 2015

Material located with strike-through is to be deleted and material underlined is to be added
SECTION A-V: CHANGES IN EXISTING COURSES
Department of Finance and Business Management
Change in department prefix and prerequisite

FROM:

**BUSN 3370 Investment Science**
4 hours; 4 credits

Net present value, internal rate of return; yield, duration, immunization, and convexity of fixed-income securities; mean-variance portfolio theory, Markowitz model, CAPM, factor models, arbitrage pricing theory; models of asset dynamics, Ito's lemma, options theory, Black-Scholes equation, interest-rate derivatives. (This course is the same as Economics 3370 [70.7] and Mathematics 3601 [74.2].)

Prerequisite: Economics 3400 [30.2] or Business 3400 [30.2] or Mathematics *2501 [8.1] or Mathematics 3501 [51.1]; Economics 3410 [31.1] with a grade of B- or better; Economics 3310 [70.2] or Business 3310 [70.2]

TO:

**FINC 3370 Investment Science**
4 hours; 4 credits

Net present value, internal rate of return; yield, duration, immunization, and convexity of fixed-income securities; mean-variance portfolio theory, Markowitz model, CAPM, factor models, arbitrage pricing theory; models of asset dynamics, Ito's lemma, options theory, Black-Scholes equation, interest-rate derivatives. (This course is the same as Economics 3370 [70.7] and Mathematics 3601 [74.2]. Not open to students who have completed Business 3370 [70.7].)

Prerequisite: Economics 3400 [30.2] or Business 3400 [30.2] or Mathematics *2501 [8.1] or Mathematics 3501 [51.1]; Economics 3410 [31.1] with a grade of B- or better; Economics 3310 [70.2] or Business 3310 [70.2] or Finance 3310.

**Rationale:** The Finance and Business Management Department is being restructured. The department will be split into two: a Department of Finance and a Department of Business Management. The Finance and Business Management Department is updating the department prefixes to reflect this new department structure. The finance courses will be offered by a new Finance Department.

**Date of departmental approval:** October 14, 2014

**Effective date:** Fall 2015

Material located with strike-through is to be deleted and material underlined is to be added.
SECTION A-V: CHANGES IN EXISTING COURSES
Department of Finance and Business Management
Change in department prefix and prerequisite

FROM:

BUSN 3375 Financial Instruments and Their Pricing
4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Economics 3375 and Mathematics 4601[74.3].)

Prerequisite: Mathematics 3601 [74.2] or Business 3370 [70.7] or Economics 3370 [70.7]

TO:

FINC 3375 Financial Instruments and Their Pricing
4 hours; 4 credits

Definitions of some of the most important derivative securities traded in the financial markets: forward and futures contracts, caplets, caps, swaps, and options (Call, Put, Barrier, Bermudan, Asian, Digital, Exotic). The principles of arbitrage pricing and risk-neutral pricing, discrete-time binomial trees. The continuous time Black Scholes model and the Capital Asset Pricing model. The pricing of interest rates in an arbitrage-free framework and important interest rate models. Concentration on stochastic modelling and applications. (This course is the same as Economics 3375 and Mathematics 4601 [74.3]. Not open to students who have completed Business 3375.)

Prerequisite: Mathematics 3601 [74.2] or Business 3370 [70.7] or Economics 3370 [70.7] or Finance 3370.

Rationale: The Finance and Business Management Department is being restructured. The department will be split into two: a Department of Finance and a Department of Business Management. The Finance and Business Management Department is updating the department prefixes to reflect this new department structure. The finance courses will be offered by a new Finance Department.

Date of departmental approval: October 14, 2014

Material located with strike-through is to be deleted and material underlined is to be added
Effective date: Fall 2015
SECTION A-V: CHANGES IN EXISTING COURSES  
Department of Finance and Business Management  
Change in department prefix and prerequisite  

FROM:  

**BUSN 3378 Behavioral Finance and Economics**  
3 hours; 3 credits  

The interaction of human psychology, decision making and financial markets in order to understand how human behavior plays a significant role in finance. Topics covered include: personal financial planning, corporate finance, and portfolio management within the context of behavioral finance and behavioral economics. This course is the same as Economics 3378.  

Prerequisite: Business 3310 [70.2] or Economics 3332 [70.8] or BUS 3330 [70.3]; Economics 2200 [20.1] or Business 2200 [20.1].  

TO:  

**FINC 3378 Behavioral Finance and Economics**  
3 hours; 3 credits  

The interaction of human psychology, decision making and financial markets in order to understand how human behavior plays a significant role in finance. Topics covered include: personal financial planning, corporate finance, and portfolio management within the context of behavioral finance and behavioral economics. (This course is the same as Economics 3378. Not open to students who have completed Business 3378.)  

Prerequisite: Business 3310 [70.2] or Finance 3310 or Economics 3332 [70.8] or Business 3330 [70.3] or Finance 3330; Economics 2200 [20.1] or Business 2200 [20.1].  

**Rationale:** The Finance and Business Management Department is being restructured. The department will be split into two: a Department of Finance and a Department of Business Management. The Finance and Business Management Department is updating the department prefixes to reflect this new department structure. The finance courses will be offered by a new Finance Department.  

**Date of departmental approval:** October 14, 2014  

**Effective date:** Fall 2015
SECTION A-V: CHANGES IN EXISTING COURSES  
Department of Finance and Business Management  
Change in course title and prerequisite

FROM:

BUSN 3350 Real Estate Finance and Management  
3 hours; 3 credits

Essentials of real estate financing and management. Topics covered include: real estate financing, how to value and invest in income producing property, development and subdivision of real estate, co-ops and condominiums, environmental issues, fair housing practice, contracts, leases, landlord/tenant law, real estate brokerage, listing agreements, buyer representation, form of ownership, appraisal, property development, and closing the real estate transaction.

Prerequisite: Business 3310 [70.2]

TO:

BUSN 3350 Real Estate Management  
3 hours; 3 credits

Essentials of real estate financing and management. Topics covered include: real estate financing, how to value and invest in income producing property, development and subdivision of real estate, co-ops and condominiums, environmental issues, fair housing practice, contracts, leases, landlord/tenant law, real estate brokerage, listing agreements, buyer representation, form of ownership, appraisal, property development, and closing the real estate transaction.

Prerequisite: Business 3310 [70.2] or Finance 3310

Rationale: The Finance and Business Management Department is being restructured. The department will be split into two: a Department of Finance and a Department of Business Management. Consequently, we are updating the course prefixes to reflect the new department structure. This course is taught from a management perspective and therefore needs a new title to reflect this.

Date of departmental approval: October 14, 2014

Effective date: Fall 2015

Material located with strike-through is to be deleted and material underlined is to be added
SECTION A-VI: OTHER CHANGES

Department of Finance and Business Management

Change in sponsoring department

Change in Sponsoring Department for Minors in Finance and in Financial Planning

The minors in Finance and in Financial Planning will be moved into the new Finance Department.

Rationale: The Finance and Business Management Department is being restructured. The department will be split into two: a Department of Finance and a Department of Business Management. It seems logical for the minors in finance and in financial planning to be listed in the Bulletin under finance.

Date of approval by Department: October 14, 2014

Effective Date: Fall 2015

Material located with strike-through is to be deleted and material underlined is to be added
SECTION A-VI: OTHER CHANGES

Urban Sustainability Program
Withdrawal of a minor

Withdrawal of Minor in Urban Sustainability

Program Requirements

A minimum of 12 credits as specified below, each completed with grade of C- or higher, plus any prerequisite of the courses, including Urban Sustainability 1001.

Urban Sustainability 4001W.
Minor in Urban Sustainability

Urban Sustainability Program 382 DRAFT: June 26, 2014 3:58 PM
Philosophy 3309.
Sociology 2201.
One of the following:
Earth and Environmental Sciences 3400W or [Geology 3400W].
Health and Nutrition Sciences 2120.

Clearances: Earth and Environmental Sciences, Economics, Sociology

Rationale: The current minor in Urban Sustainability is a holdover from the Environmental Studies Program, which preceded the current Urban Sustainability Program. We will consider a new minor more closely aligned with the current Urban Sustainability curriculum.

Date of approval by Department: October 28, 2014

Effective Date: Fall 2015
APPENDIX

Special Topics: The committee has approved the following special topics for the term indicated and informed the Provost of the committee’s approval. These items do not require Faculty Council action and are announced here for information only.

The Special Topic listed below was first offered in Summer 2014 with the approval of the Committee:


The Special Topic listed below was first offered in Fall 2014 with the approval of the Committee:

CHST 2200 Special Topics in Children and Youth Studies: Mascots and Practice: Linking Sports, Play, and Identity Formation in Young People

The Special Topic listed below is a first offering in Winter 2015:

THEA 3002 Special Topics in Theater: Scenographic Techniques - 2D CADD

The Special Topics listed below are first offerings in Spring 2015:

HIST 3490 Special Topics in American History: American Military History to 1900

MUSC 3493 Special Topics: Curriculum and Assessment in Music Education