

REVISED

BROOKLYN COLLEGE

OF

THE CITY UNIVERSITY OF NEW YORK

FACULTY COUNCIL

Meeting of November 14, 2017

The Committee on Undergraduate Curriculum and Degree Requirements herewith submits its recommendations in Curriculum Document 390.

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Respectfully submitted,

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

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**AFST 3290** *Special Topics in Literature, Culture and the Arts: Writing Black Women’s Futures*.....33  
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**SECTION A-III: CHANGES IN DEGREE PROGRAMS**

**Department of Anthropology and Archaeology**

**B.A. degree program in anthropology**

HEGIS code 2202; SED program code 02102

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Department requirements (36-39 credits)  
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Three courses chosen from Anthropology 1100 (Culture and Society), 1200 (Human Origins), 1300 (People and Language), or 1400 (Digging the Past).

One field or laboratory course chosen from: Anthropology 3470 (Summer Archaeological Field School (Intensive Program)), 3015 (Anthropology Abroad), 3480 (Interession Archaeological Field School), 3475 (Archaeological Field School: Site Supervision), 4110 (Summer Ethnographic Field School), 3240 Osteology, 3440 Zooarchaeology, 3156 (India Global Health: Ethnography), or 3120W (Ethnography) ~~4104W (Ethnographic Theory and Methods)~~.

Anthropology 4000 (Senior Seminar in Anthropology).

Eighteen additional elective credits; 15 credits must be in courses numbered 3000 and above.

Department recommendations:

Students are ~~required~~ advised to concentrate in one or two of the subfields of anthropology (cultural, linguistic, ~~physical~~ biological anthropology, or archaeology). A concentration consists of three elective courses in one of these four areas.

Local, national, and international field experiences are available during the winter and summer sessions.

Concentrators ~~must~~ should take one of the following courses:

ANTH 3120 for cultural anthropology concentration;  
ANTH 3301 for linguistic anthropology concentration;  
ANTH 3240 or 3425 for ~~physical~~ biological anthropology concentration;  
ANTH ~~3445~~ 3420 for archaeology concentration

Department recommendations:

Majors ~~must~~ should consult a department counselor each year in planning their programs. Students should plan on taking a field or laboratory course (3470, 3015, ~~3405~~, 3480, 3475, ~~or~~ 4110, 3240, 3440, 3156, or 3120W) as soon as possible after finishing the 1100 - 1400 sequence. Majors should take the senior seminar (4000) in the ~~fall~~ spring of their senior year.

**Rationale:** The major requirement language was reviewed and found to impose undue difficulties for our majors, and to contain various inconsistencies (such as only listing “field courses” in the recommendations section, and not referring to “field and laboratory courses,” as they are listed in the required section). These changes reflect more accurately the desires of the

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department for training our majors to specialize across the subfields of anthropology, as well as our current course offerings. First, the subfield concentrations were intended to be recommendations rather than requirements, as they reflect what most of our majors nearly always do. The addition of ANTH3156 to the list of approved field and laboratory courses reflects the department's recent approval of this new course to count as a field course (passed by Faculty Council in Spring 2016). Similarly, the substitution of ANTH3120W for ANTH4104W reflects our current course offerings, as does the substitution of ANTH3420 for ANTH3445, a course that is cross-listed with and currently taught only by the Department of Earth and Environmental Sciences. The substitution of "biological" for "physical" anthropology is the current state of the field descriptor for this subfield of anthropology and has been needed to be updated for several years.

**Date of departmental approval:** October 13, 2016

**Effective date:** Fall 2018

**SECTION A-III: CHANGES IN DEGREE PROGRAMS**

**Department of English**

**B.A. degree program in adolescence education: English teacher**

HEGIS code 1501.01; SED program code 26812

The Department of Secondary Education and the Department of English jointly offer a program for students who plan to teach English in grades 7 through 12. Additional information may be obtained from the Department of Secondary Education or the Department of English. Adolescence education (grades 7-12) and special subject programs are writing intensive. Students should consult a counselor as early as possible to plan their program.

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Program requirements (42-48 credits)  
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Students must complete the following English Department requirements for the B.A. degree program for English teacher (42-48 credits).

I. English 2120 and 2121 (8 credits)

English 2120 and 2121 are required. Majors in the English teacher program should complete English 2120 or 2121 or be enrolled in one or the other, before continuing in other electives. No ENGL course numbered lower than 2115 may count toward the major.

II. Fields of Study (10-12credits)

One course from each of three of the following six fields; one course must be chosen from Fields 1 or 3 and two must be chosen from Fields 4 through 6:

1. Middle Ages: English 3111, 3112, 3520, 4101; Comparative Literature 3614.
2. Renaissance: English 3120, 3121, 3122, 3123, 3124, 3125, 4102; Comparative Literature 3615.
3. Eighteenth Century: English 3131, 3132, 3133, 4103; Comparative Literature 3616.
4. Nineteenth Century and Romanticism: English 3140, 3141, 3142, 3143, 3145, 3151, 3156, 3157, 3158, 3160, 4104, 4107; Comparative Literature 3606, 3617.
5. Modernism: English 2402, 3152, 3153, 3156, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3170, 3171, 3172, 3173, 3193, 4110, 4108, 4107; Comparative Literature 3607, 3608, 3610, 3618, 3622, 3623, 3624, 3625.
6. Postmodernism and Contemporary Discourses: English 2402, 3154, 3161, 3162, 3163, 3166, 3167, 3174, 3180, 3187, 3191, 3193, 3194, 4105, 4107, 4109, 4110, 4111, 4112, 4113, 4114; Comparative Literature 3609, 3611, 3619, 3621, 3622, 3623, 3625, 4601, 4602.

III. Field Concentration: English Teaching (14-16 credits)

Four courses, one from each of the following groups:

- A. Language: English 3520, 3521, 3522, 3523, 3524, or a course in linguistics.
- B. Composition: English 2115, 2116, 2301, 2302, 3177, or any other writing-intensive course.
- C. Literature of diversity: English 3158, 3160, 3161, 3162, 3180, ~~3189~~, 3194, 4110, Comparative Literature 3613, 3619, 3622, 3623, 3624, 3625, or any course in literature and culture.

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D. Children's and Young Adult Literatures: English 3189.

**Rationale:** Correction of a typographical error in CD 378. English 3189 should only appear under Children's and Young Adult Literatures.

**Date of departmental approval:** November 10, 2015

**Effective date:** Fall 2017

**SECTION A-III: CHANGES IN DEGREE PROGRAMS**  
**Department of Finance**

**B.B.A. degree program in finance**

HEGIS code 0506; SED program code 37634

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Department requirements (~~56-58~~ 59-61 credits)  
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A. Business Core (~~38-40~~ 41-43 credits)  
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Students must complete all of the following:

Accounting 2001 and Accounting 3011 and Accounting 3201, Computer and Information Science 1050 or Computer and Information Science 1110, Business 2100 or Economics 2100, Business 2200 or Economics 2200, Business 3400 or Economics 3400 or Mathematics 2501 or Mathematics 3501 or Psychology 3400, Business 3410 or Economics 3410 or Mathematics 1201, Business 3430 or Computer and Information Science 2531, Business 3100, Business 3200, Finance 3310 or [Business 3310], Philosophy 3314

-----  
B. Required Finance Courses (9 credits)  
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Students must complete all of the following:

Finance 3330 or [Business 3330]; Finance 4300W or [Business 4300W]; and Finance 3311 or [Business 3311].

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C. Electives (9 credits)  
-----

Students must complete any three of the following:

~~Business 3320 or Economics 3320~~; Finance 3340 or Business 3340; Finance 3377 or Business 3377; Accounting 3021; Finance 5001; Finance 3350; Finance 3390; Finance 5330

**Rationale:** Since the Department of Finance started in Fall 2015, we have been reexamining the finance courses to meet the curriculum requirements of AACSB. We find that adding one financial accounting course as a required business core and removing one elective course that does not require Principles of Financial Management as a prerequisite will be necessary to strengthen the finance curriculum.

**Date of departmental approval:** October 17, 2017

**Effective date:** Fall 2018

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**SECTION A-IV: NEW COURSES**

**Department of History**

**HIST 3535 People's China**

3 hours; 3 credits

History of China, from the early Republic through the present. Topics include: New Culture Movement; founding of the Chinese Communist Party; World War Two; founding of the People's Republic of China; Great Leap Forward; Cultural Revolution; reforms under Deng Xiaoping; Tiananmen Square movement; and restructuring of the CCP in the 21st century.

**Prerequisite:** English 1010 or permission of department.

**Contact hours:** 3

**Frequency of offering:** once every four semesters

**Projected enrollment:** 30 students per offering

**Clearance:** None

**Rationale:**

Courses currently in the course bulletin cover the history of China from earliest times up through the twentieth century. This course fills an unmet need in the curriculum and allows for the teaching of China's complex modern history at a pace and with a level of detail that will facilitate student understanding.

**Date of departmental approval:** 17 October 2017

**Effective date:** Fall 2018

**SECTION A-IV: NEW COURSES**  
**Department of Philosophy**

**PHIL 3212 Elements of Philosophy**

4 hours; 4 credits

An Introduction to the methods and practices of philosophy, with an emphasis on the development of core philosophical skills. These skills include reasoning and logic, textual interpretation, argument analysis and reconstruction, and argument construction. Instructors will select appropriate philosophical materials for developing these skills.

**Prerequisite:** None

**Contact hours:** 4

**Frequency of offering:** One section each semester

**Projected enrollment:** 25 students per section

**Clearance:** None

**Rationale:** Having a course that emphasizes the development of skills over the mastery of content will help our students to become better critical thinkers and to succeed in the major. This will be an important part of our newly reformed Major I Option. Having this as a 4-credit course will allow instructors to engage in the requisite in-class exercises and activities to achieve course objectives.

**Date of departmental approval:** November 8, 2016

**Effective date:** Fall 2018

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Accounting**

Change in course description and prerequisite

**FROM:**

**ACCT 3011 Intermediate Financial Accounting I**

3 hours; 3 credits

Detailed consideration of ~~the~~ accounting principles and valuation of current assets, operational assets, intangibles, and cash flows. Concepts of future and present value and analytical review of financial statements. Emphasis placed on pronouncements of the Financial Accounting Standards Board ~~and the Accounting Principles Board. (Not open to students who have completed Economics 71.03 or 71.3.)~~

Prerequisite: Accounting ~~3001 [2], or Economics 71.02 or 71.2.~~

**TO:**

**ACCT 3011 Intermediate Financial Accounting I**

3 hours; 3 credits

Detailed consideration of accounting principles and valuation of current assets, operational assets, intangibles, and cash flows. Concepts of future and present value and analytical review of financial statements. Emphasis placed on pronouncements of the Financial Accounting Standards Board and discussion of International Financial Reporting Standards.

Prerequisite: Accounting 2001.

**Rationale:** We remove the prerequisite of ACCT 3001 (Introduction to Managerial Accounting) and replace it with the more basic ACCT 2001 (Introductory Accounting). The rationale is that ACCT 3011 requires prior knowledge of financial accounting but not of managerial accounting. The change also gives students more flexibility in course scheduling, and thus facilitates timely graduation. The change also accommodates Finance majors who wish to take a second financial accounting course but do not wish to take a managerial accounting course. The change also allows for a streamlined sequence of financial accounting courses. Although no longer a requirement for the course, ACCT 3001 remains a program requirement and a prerequisite for ACCT 3041 (Cost and Managerial Accounting for Strategic Decision Making).

We also remove mention of the Accounting Principles Board because that body no longer exists. We replace it with the currently-active International Financial Reporting Standards. We also remove reference to Economics courses that are no longer offered.

**Date of department approval:** May 2, 2017

**Effective date:** Fall 2018

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Classics**

Change in course title and description

**FROM:**

**~~CLAS 3237 Pagans, Christians, and Jews~~**

~~3 hours; 3 credits~~

~~Religious conflict in the Roman Empire. The relation of Judaism and Christianity to their pagan environment. This course is the same as History 3310. (Not open to students who have completed Classics 37.)~~

~~Prerequisite: English 1012 and at least sophomore standing; or permission of the chairperson.~~

**TO:**

**CLAS 3237 Ancient Mediterranean Religions**

3 hours; 3 credits

Religious developments and conflicts. Intersections of ancient Judaisms, Christianities, state religions, mystery cults and other belief systems in the Ancient Mediterranean. This course is the same as History 3310. (Not open to students who have completed Classics 37.)

Prerequisite: English 1012 and at least sophomore standing; or permission of the chairperson.

**Rationale:** This course covers religious interaction and competition across the Mediterranean and includes religious traditions that do not neatly fit within the categories of paganism, Christianity, Judaism. Paganism is no longer the scholarly framework by which non-Judeo-Christian traditions are understood. This change in vocabulary corresponds with this course's intended inclusive approach to the study of ancient religious interactions and reflects current language in the academic study of ancient religions.

**Date of department approval:** February 14, 2017

**Effective date:** Fall 2018

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Classics**

Change in credits and description

**FROM:**

**CLAS 4011 The Rise of Macedon**

~~3 hours; 3 credits~~

Rise of Macedon, from feudal state to world power. Development of government and society. Political and military developments under Philip II and Alexander the Great. Cultural exchange under Alexander. Focus on archaeological, epigraphic, and literary evidence. Emphasis on research methodologies.

Prerequisite: English 1012 [2] and at least sophomore standing, or permission of the chairperson.

**TO:**

**CLAS 4011 The Rise of Macedon**

3 classroom hours plus conference and independent research; 4 credits

Rise of Macedon, from feudal state to world power. Development of government and society. Political and military developments under Philip II and Alexander the Great. Cultural exchange under Alexander. Focus on archaeological, epigraphic, and literary evidence. Emphasis on research methodologies. This course is the same as History 3015.

Prerequisite: English 1012 [2] and at least sophomore standing, or permission of the chairperson.

**Rationale:** All 4000-level courses in the Classics Department are 4 credit courses, as they involve independent research projects and conference with the professor outside of the 3 classroom hours. This course, however, was accidentally omitted from the Chancellor's University Report (CUR) of June 2012, when the rest of the CLAS 4000 level courses were converted to 4-credits, and the omission was only discovered now (as this course has not been taught since then). The change in credits brings the course in line with the other 4000-level CLAS courses and more accurately reflects the amount of work involved, both on the part of the students and the instructor of the course.

**Date of department approval:** 12 September 2017

**Effective date:** Fall 2018

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC \*1150 UNIX Shell Programming**

2 hours; 2 credits

The shell programming language. Command structure and I/O redirection. Control structures, metacharacters, process environment. Shell scripts, exception handling, numerical and string facilities, recursion. Filter programs, the software tools approach, pipeline programming. Regular expression pattern matching. Quoting. Subshells. Remote shell programs. Background processes, shell demons, process management.

Prerequisite: Computer and Information Science 3110 [15] ~~or 16~~

**TO:**

**CISC \*1150 UNIX Shell Programming**

2 hours; 2 credits

The shell programming language. Command structure and I/O redirection. Control structures, metacharacters, process environment. Shell scripts, exception handling, numerical and string facilities, recursion. Filter programs, the software tools approach, pipeline programming. Regular expression pattern matching. Quoting. Subshells. Remote shell programs. Background processes, shell demons, process management.

Prerequisite: Computer and Information Science 1170 or 3110 [15] or 3115

**Rationale:** A second course in programming in any language is sufficient prerequisite for this course. This change adds 3115 (Java) and 1170 to the acceptable prerequisite list.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC \*1341 Assembly Language Programming for Microcomputers**

3 hours; 3 credits

An introduction to assembly language programming for microcomputer systems. CPU architecture. Registers. Segmentation. Instruction formats and addressing modes. Instruction sets and programming. Directives and operators. Modular programming. Macros. String manipulation. Character codes. Arithmetic programming. (Not open to students who are enrolled in or have completed Computer and Information Science 4 or 2.90.)

Prerequisite: Computer and Information Science 1.10 or 1.20 or 1110 [1.5] ~~or 2.40 or 1180 [2.80].~~

**TO:**

**CISC \*1341 Assembly Language Programming for Microcomputers**

3 hours; 3 credits

An introduction to assembly language programming for microcomputer systems. CPU architecture. Registers. Segmentation. Instruction formats and addressing modes. Instruction sets and programming. Directives and operators. Modular programming. Macros. String manipulation. Character codes. Arithmetic programming. (Not open to students who are enrolled in or have completed Computer and Information Science 4 or 2.90.)

Prerequisite: Computer and Information Science 1.10 or 1.20 or 1110 [1.5] or 1115.

**Rationale:** An introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 (Java) to the acceptable prerequisite list. The courses struck are second programming courses and are not needed as prerequisites

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 2210 Introduction to Discrete Structures**

3 hours; 3 credits

Elementary set theory, functions, relations, and Boolean algebra. Switching circuits, gating networks. Definition and analysis of algorithms. Applications of graph theory to computer science. Related algorithms. Introduction to combinatorial computing and counting arguments. Introduction to error analysis.

Prerequisite: Computer and Information Science 1.10 or 1.20 or 1110 [1.5] ~~or 2.40 or 1180 [2.80]~~; and Mathematics 1011 [2.9] or 2.92 or assignment to Mathematics 3.20, 1201 [3.3], or 4.10 by the Department of Mathematics

**TO:**

**CISC 2210 Introduction to Discrete Structures**

3 hours; 3 credits

Elementary set theory, functions, relations, and Boolean algebra. Switching circuits, gating networks. Definition and analysis of algorithms. Applications of graph theory to computer science. Related algorithms. Introduction to combinatorial computing and counting arguments. Introduction to error analysis.

Prerequisite: Computer and Information Science 1.10 or 1.20 or 1110 [1.5] or 1115 and Mathematics 1011 [2.9] or 2.92 or assignment to Mathematics 3.20, 1201 [3.3], or 4.10 by the Department of Mathematics.

**Rationale:** A introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 (Java) to the acceptable prerequisite list. The courses struck are second programming courses and are not needed as prerequisites

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017



**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 2531 Operations Management**

3 hours; 3 credits

Study in managerial decision making to solve a wide range of operating management problems. Topics covered include: planning, evaluation and control of operations; forecasting and inventory management; scheduling; project design and management; resource allocation; queuing models; quality of the work environment; and technological change. Design and implementation of management strategy will be emphasized through computer simulation, problems, and cases. This course is the same as Business 3430 [31.4]. Not open to students who have enrolled in or have completed Mathematics 3606 [73.2] or Economics 31.4.)

Prerequisite: Core Curriculum 1312 [3.12] or Core 5.1 or Computer and Information Science 1000 [1.0] or ~~4.5 or 5.2~~; Computer and Information Science 2210 [11] or Business 3400 [30.2] or Economics 3400 [30.2] or Mathematics 2501 [8.1] or Mathematics 3501 [51.1].

**TO:**

**CISC 2531 Operations Management**

3 hours; 3 credits

Study in managerial decision making to solve a wide range of operating management problems. Topics covered include: planning, evaluation and control of operations; forecasting and inventory management; scheduling; project design and management; resource allocation; queuing models; quality of the work environment; and technological change. Design and implementation of management strategy will be emphasized through computer simulation, problems, and cases. This course is the same as Business 3430 [31.4]. Not open to students who have enrolled in or have completed Mathematics 3606 [73.2] or Economics 31.4.)

Prerequisite: Core Curriculum 1312 [3.12] or Core 5.1 or Computer and Information Science 1000 [1.0] or 1050[5.2] or 1110[1.5] or 1115; Computer and Information Science 2210 [11] or Business 3400 [30.2] or Economics 3400 [30.2] or Mathematics 2501 [8.1] or Mathematics 3501 [51.1].

**Rationale:** An introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 (Java) to the acceptable prerequisite list. Also, the previous prerequisite list was never fully updated properly to the CUNYFirst numbers.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 2820W Computers and Ethics**

3 hours; 3 credits

Analysis of ethical issues pertaining to computers and the workplace, anonymity and privacy, copyright and patent law (as applied to software), computer crime, security, unauthorized use, codes of conduct for computer professionals, access and availability of computing technologies. Application of theoretical frameworks such as virtue ethics, deontological theories and utilitarianism to the ethical problems encountered in computing technologies. Writing intensive course. (This course is the same as Philosophy 3318W [14.4W].)

Prerequisite: Core Curriculum 1312 [3.12] or Core Studies 5.1 or Computer and Information Science 1000 [1.0] or Computer and Information Science 1110 [1.5], and English 1012 [2].

**TO:**

**CISC 2820W Computers and Ethics**

3 hours; 3 credits

Analysis of ethical issues pertaining to computers and the workplace, anonymity and privacy, copyright and patent law (as applied to software), computer crime, security, unauthorized use, codes of conduct for computer professionals, access and availability of computing technologies. Application of theoretical frameworks such as virtue ethics, deontological theories and utilitarianism to the ethical problems encountered in computing technologies. Writing intensive course. (This course is the same as Philosophy 3318W [14.4W].)

Prerequisite: Core Curriculum 1312 [3.12] or Core Studies 5.1 or Computer and Information Science 1000 [1.0] or Computer and Information Science 1110 [1.5] or 1115, and English 1012 [2].

**Rationale:** An introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 (Java) to the acceptable prerequisite list.

**Date of department approval:** April 12, 2016

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**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 2830 Introduction to Natural Language Processing**

4 hours; 4 credits

Introduction to the principles, history, and accomplishments of natural language processing from the perspective of the structure of human language. Overview of the techniques used by natural language processing to deal with the phonetics, phonology, morphology, syntax, and semantics of natural languages. Interaction between ideas in the philosophy of language and developments growing out of natural language processing. Applications of natural language processing to a wide range of real-world contexts. This course is the same as English 3525 [24.81] and Linguistics 3023 [24].

Prerequisite: Computer and Information Science 1110 [1.5]; prerequisite or co-requisite Computer and Information Science 2210 [11] and Linguistics 2001 [1].

**TO:**

**CISC 2830 Introduction to Natural Language Processing**

4 hours; 4 credits

Introduction to the principles, history, and accomplishments of natural language processing from the perspective of the structure of human language. Overview of the techniques used by natural language processing to deal with the phonetics, phonology, morphology, syntax, and semantics of natural languages. Interaction between ideas in the philosophy of language and developments growing out of natural language processing. Applications of natural language processing to a wide range of real-world contexts. This course is the same as English 3525 [24.81] and Linguistics 3023 [24].

Prerequisite: Computer and Information Science 1110 [1.5] or 1115; prerequisite or co-requisite: Computer and Information Science 2210 [11] and Linguistics 2001 [1].

**Rationale:** An introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 (Java) to the acceptable prerequisite list.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 3160 Programming Languages**

4 hours; 4 credits

The design, implementation, and evolution of programming languages. Language features and their effects upon translation and run-time environments. Languages studied are chosen for their historical and current significance, programming paradigm, and run-time environment. Syntax and semantic specification; formal grammars.

Prerequisite: ~~Computer and Information Science 1110 [1.5] or 2.80; and 3130 [22]. Prerequisite or corequisite: Computer and Information Science 3150 [26].~~

**TO:**

**CISC 3160 Programming Languages**

4 hours; 4 credits

The design, implementation, and evolution of programming languages. Language features and their effects upon translation and run-time environments. Languages studied are chosen for their historical and current significance, programming paradigm, and run-time environment. Syntax and semantic specification; formal grammars.

Prerequisite: Computer and Information Science 3142 or 3150.

**Rationale:** The course assumes experience with the programming languages Java and C++ and also needs familiarity with both procedural and object-oriented programming paradigms. Either 3142 or 3150, given their pre-requisites, guarantee this (3142 in the new curriculum, 3150 in the old).

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 3310 Principles of Computer Architecture**

4 hours; 4 credits

Introduction to digital logic. Basic digital circuits. Boolean algebra and combinational logic, data representation and transfer, digital arithmetic. Instruction sets. Introduction to assembly languages: ALU and memory reference instructions, flow control, subroutine linkage, arrays and structures. Memory. I/O systems. Performance. Relationship between software and architecture. (Not open to students who are enrolled in or have completed Computer and Information Science 3305 [27] or 3315 [28].)

Prerequisite: Computer and Information Science 1110 [1.5] or 1180 [2.80]; and 2210 [11].

**TO:**

**CISC 3310 Principles of Computer Architecture**

4 hours; 4 credits

Introduction to digital logic. Basic digital circuits. Boolean algebra and combinational logic, data representation and transfer, digital arithmetic. Instruction sets. Introduction to assembly languages: ALU and memory reference instructions, flow control, subroutine linkage, arrays and structures. Memory. I/O systems. Performance. Relationship between software and architecture. (Not open to students who are enrolled in or have completed Computer and Information Science 3305 [27] or 3315 [28].)

Prerequisite: Computer and Information Science 1110 [1.5] or 1115 or 1170 or 1180 [2.80]; and 2210 [11].

**Rationale:** An introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 (Java) and 1170 (Java) to the acceptable prerequisite list.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 3330 Foundations of Parallel and Distributed Computing**

3 hours; 3 credits

Survey of parallel and distributed hardware fundamentals, including SMP machines, clusters, grids, and networks of workstations. Introduction to the design of parallel algorithms and the analysis of their efficiency. Survey of software issues for parallel and distributed computation including message passing and shared memory, processes and threads, client/server and peer to peer, and issues of synchronization. Complexity considerations and the limits of parallelism.

Prerequisite: Computer and Information Science ~~3110 [15]; and 3305 [27] or 3310 [27.1];~~ or permission of the chairperson.

**TO:**

**CISC 3330 Foundations of Parallel and Distributed Computing**

3 hours; 3 credits

Survey of parallel and distributed hardware fundamentals, including SMP machines, clusters, grids, and networks of workstations. Introduction to the design of parallel algorithms and the analysis of their efficiency. Survey of software issues for parallel and distributed computation including message passing and shared memory, processes and threads, client/server and peer to peer, and issues of synchronization. Complexity considerations and the limits of parallelism.

Prerequisite: Computer and Information Science 3142 or permission of the chairperson

**Rationale:** The prerequisite for this course is a prior course in computer architecture and experience using a low-level, pointer-based language like C or C++. In the new curriculum, this is achieved by requiring 3142 (the earliest introduction of C or C++ in the curriculum) which has computer architecture as a pre-requisite.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 3650 Human-Computer Interaction**

3 hours; 3 credits

Overview of human-computer interfaces with an emphasis on classical and state-of-the-art approaches. Principles of human-computer interaction and human-robot interaction. Ubiquitous computing and interfaces for mobile devices. Interfaces employing speech recognition and computer vision. Sensor and robotic technologies. Computer supported cooperative work. Virtual and augmented realities.

Prerequisite: Computer and Information Science 3120

**TO:**

**CISC 3650 Human-Computer Interaction**

3 hours; 3 credits

Overview of human-computer interfaces with an emphasis on classical and state-of-the-art approaches. Principles of human-computer interaction and human-robot interaction. Ubiquitous computing and interfaces for mobile devices. Interfaces employing speech recognition and computer vision. Sensor and robotic technologies. Computer supported cooperative work. Virtual and augmented realities.

Prerequisite: Computer and Information Science 3115 or 3120

**Rationale:** 3120, which used to be the first course in Java and the first course to introduce programming graphical user interfaces, is being discontinued. The new 3115, a second course in Java, introduced graphical user interfaces and can be used as a prerequisite instead.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 3800 Advanced Personal Computer Techniques for Business Applications**

3 hours; 3 credits

In-depth analysis of software and hardware available for current business applications. Advanced use of application packages. Critique and comparison of current application software. Designing a proper interface. Examination of current trends toward office automation. System design and analysis.

Prerequisite: Computer and Information Science 1.10 or 1.20 or 1110 [1.5] ~~or 1180 [2.80]~~; and 1050 [5.2].

**TO:**

**CISC 3800 Advanced Personal Computer Techniques for Business Applications**

3 hours; 3 credits

In-depth analysis of software and hardware available for current business applications. Advanced use of application packages. Critique and comparison of current application software. Designing a proper interface. Examination of current trends toward office automation. System design and analysis.

Prerequisite: Computer and Information Science 1.10 or 1.20 or 1110 [1.5] or 1115; and 1050 [5.2].

**Rationale:** An introductory programming class in any language is sufficient prerequisite for this course. This change adds 1115 to the acceptable prerequisite list.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017



REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Computer and Information Science**

Change in prerequisite

**FROM:**

**CISC 4900 Independent and Group Projects I**

3 hours recitation and at least 6 hours independent work; 3 credits each term

Planning and development of a real computer systems project supervised by a faculty member. Projects may involve group participation. Achievement measured by demonstrable attainment of the project's goals. Written report.

Prerequisite: Computer and Information Science 3110 [~~45~~] and permission of the chairperson.

**TO:**

**CISC 4900 Independent and Group Projects I**

3 hours recitation and at least 6 hours independent work; 3 credits each term

Planning and development of a real computer systems project supervised by a faculty member. Projects may involve group participation. Achievement measured by demonstrable attainment of the project's goals. Written report.

Computer and Information Science 3110 or 3115; and permission of the chairperson.

**Rationale:** A second programming class in any language is sufficient prerequisite for this course. This change adds 3115 (Java) to the acceptable prerequisite list.

**Date of department approval:** April 12, 2016

**Effective date:** Fall 2017

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 English**

Retroactive change of lab hours

**FROM:**

**ENGL 4401 Digital News Laboratory**

2 hours lecture, 6 hours laboratory, 6 credits

Students act as reporters, rewrite persons and feature storytellers, covering a day in the life of New York alongside members of the working press and across all media platforms. Students' stories are examined in class and compared with those produced by many different news outlets.

Prerequisite: English 2403 [3407] and any two of the following: English 3402 [18.13], 3403 [18.14], 3404, 3405 [18.22], 3406 [18.20], or permission of the journalism program.

**TO:**

**ENGL 4401 Digital News Laboratory**

2 hours lecture, 8 hours laboratory, 6 credits

Students act as reporters, rewrite persons and feature storytellers, covering a day in the life of New York alongside members of the working press and across all media platforms. Students' stories are examined in class and compared with those produced by many different news outlets.

Prerequisite: English 2403 [3407] and any two of the following: English 3402 [18.13], 3403 [18.14], 3404, 3405 [18.22], 3406 [18.20], or permission of the journalism program.

**Rationale:** The change of lab hours was left out by mistake in CD 387.

**Date of department approval:** February 14, 2017

**Effective date:** Fall 2017

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of History**

Change in credits

**FROM:**

**HIST 3015 The Rise of Macedon**

~~3 hours; 3 credits~~

Rise of Macedon, from feudal state to world power. Development of government and society. Political and military developments under Philip II and Alexander the Great. Cultural exchange under Alexander. Focus on archaeological, epigraphic, and literary evidence. Emphasis on research methodologies. This course is the same as Classics 4011.

Prerequisite: English 1012 or permission of the chairperson.

**TO:**

**HIST 3015 The Rise of Macedon**

3 classroom hours plus conference and independent research; 4 credits

Rise of Macedon, from feudal state to world power. Development of government and society. Political and military developments under Philip II and Alexander the Great. Cultural exchange under Alexander. Focus on archaeological, epigraphic, and literary evidence. Emphasis on research methodologies. This course is the same as Classics 4011.

Prerequisite: English 1012 or permission of the chairperson.

**Rationale:** All 4000-level courses in the Classics Department are 4 credit courses, as they involve independent research projects and conference with the professor outside of the 3 classroom hours. This course, however, was accidentally omitted from the Chancellor's University Report (CUR) of June 2012, when the rest of the CLAS 4000 level courses were converted to 4-credits, and the omission was only discovered now (as this course has not been taught since then). The change in credits brings the course in line with the other 4000-level CLAS courses and more accurately reflects the amount of work involved, both on the part of the students and the instructor of the course.

**Date of department approval:** 17 October 2017

**Effective date:** Fall 2018

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

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of History**

Change in course title and description

**FROM:**

**HIST 3310 ~~Pagans, Christians, and Jews~~**

3 hours; 3 credits

Religious conflict in the Roman Empire. The relation of Judaism and Christianity to their pagan environment. This course is the same as Classics 3237. (Not open to students who have completed Classics 37.)

**TO:**

**HIST 3310 Ancient Mediterranean Religions**

3 hours; 3 credits

Religious developments and conflicts. Intersections of ancient Judaisms, Christianities, state religions, mystery cults and other belief systems in the Ancient Mediterranean. This course is the same as Classics 3237. (Not open to students who have completed Classics 37.)

Prerequisite: English 1012 and at least sophomore standing; or permission of the chairperson.

**Rationale:** This course covers religious interaction and competition across the Mediterranean and includes religious traditions that do not neatly fit within the categories of paganism, Christianity, Judaism. Paganism is no longer the scholarly framework by which non-Judeo-Christian traditions are understood. This change in vocabulary corresponds with this course's intended inclusive approach to the study of ancient religious interactions and reflects current language in the academic study of ancient religions

**Date of department approval:** 12 September 2017

**Effective date:** Fall 2018

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

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of History**

Change in credits

**FROM:**

**HIST 4200 Oral History Theory and Practice**

~~3 hours; 3 credits~~

Theory of and fieldwork in oral history interviewing. Preparing for, conducting, and transcribing oral history interviews. Reviewing legal and ethical issues. Analyzing the relationship between history and memory. Studying the use of life history narratives in print, film, television, radio, exhibitions, performance, community history projects, and the classroom.

Prerequisite: Core Curriculum 1220/History 3005 and 1230 or permission of the chairperson.

**TO:**

**HIST 4200 Oral History Theory and Practice**

4 hours; 4 credits

Theory of and fieldwork in oral history interviewing. Preparing for, conducting, and transcribing oral history interviews. Reviewing legal and ethical issues. Analyzing the relationship between history and memory. Studying the use of life history narratives in print, film, television, radio, exhibitions, performance, community history projects, and the classroom.

Prerequisite: Core Curriculum 1220/History 3005 and 1230 or permission of the chairperson.

**Rationale:** As an upper-division course with a significant research component, this course should be 4 credits as are other 4000, upper-division courses offered by history department department. It is both reading and writing intensive, as well as research intensive, and requires students to undertake oral history training as well as interview human subjects for inclusion in a substantial research paper.

**Date of department approval:** 12 September 2017

**Effective date:** Fall 2018

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

REVISED

**SECTION A-V: CHANGES IN EXISTING COURSES**

**Department of Puerto Rican and Latino Studies**

Change in title

**FROM:**

**~~PRLS 4425 Puerto Rican, Latin@, Latin American and Caribbean Bilingual and Bicultural Perspectives in the Content Areas~~**

3 hours lecture, 2 hours fieldwork; 4 credits

**Bulletin Description:**

Exploration of bilingual and bicultural instructional materials and methods appropriate to teaching the subject areas in bilingual classrooms. Creating bilingual and bicultural learning environments. History and culture of Puerto Rican, Latin@, and Latin American/Caribbean groups. Formative and summative assessments. Fieldwork.

Prerequisite: English 1010 or permission of the chairperson.

**TO:**

**PRLS 4425 Bilingual and Bicultural Perspectives in the Content Areas**

3 hours lecture, 2 hours fieldwork; 4 credits

**Bulletin Description:**

Exploration of bilingual and bicultural instructional materials and methods appropriate to teaching the subject areas in bilingual classrooms. Creating bilingual and bicultural learning environments. History and culture of Puerto Rican, Latin@, and Latin American/Caribbean groups. Formative and summative assessments. Fieldwork.

Prerequisite: English 1010 or permission of the chairperson.

**Rationale:** This change in title highlights the content of the course. The areas covered Puerto Rico, Latin@ and Latin America/Caribbean groups is suggested in the prefix of the course “PRLS” and in the bulletin description. It is cumbersome and repetitive to also have it in the title.

**Date of department approval:** October 17, 2017

**Effective date:** Fall 2018

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

**SECTION A-VI: OTHER CHANGES**  
**Department of Africana Studies**

**Change in African Studies minor**

**Minor in African Studies**

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**Department requirements**  
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A program of 15 credits of advanced electives. Each course must be completed with a grade of C or higher. Students must complete 1 and 2 below.

1. Africana Studies 3101 or History 3560 or Africana Studies 3102 or History 3561.
2. Twelve credits ~~chosen from the following~~ selected from Africana Studies 3101, 3102, 3105, 3107, 3110; Africana Studies 3112 or Political Science 3306; Africana Studies 3138, 3210, 3201, 3205 or Comparative Literature 3619, 3290, Africana Studies 3365 or Political Science 3412; Political Science 3393W; Anthropology 3535; Art 16.02; Art 3128 or Art 3134; Africana Studies 3290 (If taken as a Study Abroad to Africa); Africana Studies 4412 (If the venue is Africa), Africana Studies 4301 (Department permission required; If the internship relates to Africa); History 3030, History 3323.

**Rationale:** The addition of Africana Studies 3101 reflects current thinking in African Studies which seeks to de-emphasize the conventional periodization of the African past into pre-colonial and colonial periods. For African Studies minors, a critical engagement with precolonial history (AFST 3101) will provide an appropriate foundation for studying Africa in the nineteenth and twentieth centuries. Similarly, a thorough examination of the dynamics of colonial rule, the independence and post-independence eras (AFST 3102) is crucial for understanding the sources and themes historians draw upon to write histories of the earlier periods. Thus either course can provide a thorough grounding in African Studies. The addition of Art 3128 and 3134 augments our existing offerings and speaks to both student interest and faculty expertise in these areas of inquiry. These courses will provide students with greater knowledge in the area of African Art and cultural production with a specific focus on region (western Africa) and gender. The addition of the two History courses provides our students with more options for completing the minor.

**Date of departmental approval:** October 17, 2017

**Effective Date:** Fall 2018

**SECTION A-VI: OTHER CHANGES**  
**Department of English**

**Reactivation of CMLT 3613 Folk Literature and Fairy Tale**

**CMLT 3613 Folk Literature and Fairy Tale**  
4 hours; 4 credits

Themes, patterns, and structures of folk literature in literate societies of Europe and Asia from the Middle Ages to the present. Literary application of folklore and legendry. Such narrative forms as the fairy tale, the fable, and fabliaux.

Prerequisite: English 1010 [1] or 1.7.

**Rationale:** The course will be regularly taught again by one of our most popular teachers. It represents an important re-addition to our early comparative literature roster of courses.

**Date of departmental approval:** October 31, 2017

**Effective Date:** Spring 2018



**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 Topics listed below are first offerings in Spring 2018:***

**AFST 3290** Special Topics in Literature, Culture and the Arts: *Writing Black Women's Futures*

**AMST 3902** Special Topics: *The Culture and History of the New York Jewish Community*

**AMST 3902** Special Topics: *Race, Law and the State*

**ARTD 3195** Special Topics in Art History: *Art and Architecture of South Asia*

**EESC 4050** Special Topics in Environmental Geology: *Our Digital Planet: Crowdsourcing and the Cloud*

**ENGL 3192** Special Topics in Literature: *The Culture and History of the New York Jewish Community*

**HIST 3590** Special Topics in Asian, Caribbean, Latin American, and Middle Eastern History: *People's China*

**JUST 4751** Special Topics: *The Culture and History of the New York Jewish Community*

**WGST 3165** Special Topics in Humanities: *Writing Black Women's Futures*