

REPORT  
of the  
SENATE COMMITTEE ON CURRICULA  
13 April 2016

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**Submitted to the Senate for its approval:**

**I. NEW COURSES**

**School of Architecture**

ARC 434/734 London's Built Environment (3)

Presents a social and political history of the built environment in London, focusing on times of destruction and (re)construction. Additional work required of graduate students.

ARC 498/698 Directed Research: Topics (6)

A degree-culminating research project led by faculty members in their areas of expertise. Content and format varies. Additional work required of graduate students. Prereq: ARC 609 and ARC 650 or ARC 409

ARC 511 Advanced Structural Resolution (3)

Structural analyses to compare and contrast design solutions for a given project. Presents appropriate techniques, regulatory codes and software to facilitate such analyses and subsequent design decisions.

Prereq: ARC 311 or ARC 612

ARC 553 NYC City Planning (3)

Using New York City as its laboratory, this seminar will explore the role of urban design in shaping the city, comprising site visits, meetings with key stakeholders and assignments addressing contemporary urban design issues.

ARC 555 Introduction to Building Information Modeling (3)

Introduction to uses of Building Information Modeling in architecture through a series of case studies or drawing and analysis of building components in real time demonstrations.

ARC 567 Dwelling and the Modern Home (3)

This reading and drawing intensive seminar explores ways in which house form reflects deeply embedded patterns of living, yet is also a site of innovative design, projecting needs and desires for shelter, retreat and power.

ARC 651 Language and Discourse in Architecture (3)

Enhances the listening, speaking, reading, and writing skills of Architecture students whose native language is not English. Includes field-specific reading, writing and presentations.

**Maxwell School of Citizenship and Public Affairs**

MPH 649 Public Health and Biopsychosocial Primary Care (3)

Students will be exposed to instruction on social determinants of health, cultural competency, motivational interviewing, and other topics. Course also includes shadowing experiences in clinical sites serving disadvantaged populations.

PSC 644 Politics of the Middle East (3)

In this course we learn the most salient historical, economic and religious features of the Middle East region, and scrutinize the nature of contemporary politics focusing on factors that have inhibited the growth of democracy.

## II. COURSES CHANGED

### College of Arts and Sciences

From: EAR 106 Geohazards & Natural Disasters (3)

Investigation of Earth processes that create geohazards, such as earthquakes, volcanic eruptions, floods, climate change, and environmental contamination, and how scientific research can inform policy and decision-making to mitigate their impact on humans.

To: [credit] (4 credits)

## III. REVISED MINORS

### College of Arts and Sciences

#### Minor in History

Proposal to revise the requirements for the minor.

Current requirements	Proposed requirements (changes in <b>bold</b> )
<ul style="list-style-type: none"> <li>• 6 courses (18 credits)               <ul style="list-style-type: none"> <li>○ 4 courses (2 lower-level and 2 upper-level) in one geographic concentration (U.S., European, Global)</li> </ul> </li> <li>• Geographical distribution requirement: 1 upper-level (300+) course outside concentration</li> <li>• Capstone seminar (HST 401)</li> </ul>	<ul style="list-style-type: none"> <li>• 6 courses (18 credits)               <ul style="list-style-type: none"> <li>○ 4 in one concentration (2 lower-level, 2 upper-level)</li> <li>○ <b>4 / 6 courses must be upper-level (300+)</b></li> </ul> </li> <li>• <b>No seminars required</b> (but may take HST 301 and 401)</li> <li>• Distribution requirements               <ul style="list-style-type: none"> <li>○ 1 course outside concentration</li> <li>○ <b>at least 1 upper-level course in each chronological period</b></li> </ul> </li> <li>• <b>Minimum GPA in minor = C- (1.667)</b></li> </ul>

### Minor in Medieval and Renaissance Studies

Proposal to update the minor curriculum to reflect current course offerings.

<b>Current Curriculum</b>	<b>Proposed Curriculum</b>
<p>I. Two courses (6 credits) from the group of courses listed below (no restrictions):  ETS 113: Survey of British Literature, Beginnings to 1789  ETS 121: Introduction to Shakespeare  HOA 105: Arts and Ideas I  HOM 165: Understanding Music I  HST 111: Early Modern Europe, 1350–1815  HST 211: Medieval and Renaissance Europe  HST 212: Religion in Medieval and Reformation Europe  HST 231: English History  LIT 245: Florence and Renaissance Civilization</p>	<p>I. Two courses (6 credits) from the group of courses listed below (no restrictions):  (revisions in <b>bold</b>)  <b>ARC 133: Introduction to the History of Architecture I</b>  ETS 113: Survey of British Literature, Beginnings to 1789  ETS 121: Introduction to Shakespeare  HOA 105: Arts and Ideas I  HOM 165: Understanding Music  <b>HOM/MHL HOM 266/MHL 168: European Music before 1800</b>  HST 111: Early Modern Europe, 1350–1815  <b>HST 121: Global History to 1750</b>  HST 211: Medieval and Renaissance Europe  HST 231: English History</p>
<p>II. The remaining 12 credits must be courses at the 300 level or above</p>	<p>II. The remaining 12 credits must be courses at the 300 level or above</p>
<p><b>III. One upper division history [HST] course (3 credits)</b></p>	<p>III. One upper division history [HST] course (3 credits)</p>
<p><b>IV. Three additional upper division courses (9 credits) on Medieval and/or Renaissance topics. See List of courses below.</b></p>	<p>IV. Three additional upper division courses (9 credits) on Medieval and/or Renaissance topics. See List of courses below.</p>
<p>V. No more than three courses (9 credits) upper or lower division may be taken in the same discipline.</p>	<p>V. No more than three courses (9 credits) upper or lower division may be taken in the same discipline.</p>
<p>List of Upper Division Courses in <b>Medieval and Renaissance Studies</b></p> <hr/> <p>N.B. In addition to the courses below, there are many courses in ETS, History (HST 300 - Selected Topics, HST 401 - Senior Seminar), LIT/ITA and other departments whose subject changes from semester to semester and that can be counted toward the minor. Courses are also offered in the various SU Abroad centers</p>	<p>List of Upper Division Courses in Medieval and Renaissance Studies</p> <hr/> <p>N.B. In addition to the courses below, there are many courses in ETS, History (HST 300 - Selected Topics, HST 401 - Senior Seminar), LIT/ITA and other departments whose subject changes from semester to semester and that can be counted toward the minor. Courses are also offered in the various SU Abroad centers that may also be counted toward the minor. Those</p>

that may also be counted toward the minor. Those wishing to have any of these courses count should petition the coordinator (advisor) of the Medieval and Renaissance Studies Minor to have these courses count toward the minor.

- HOA 410 - Art and Ideology in Medieval Spain
- HOA 323 - Sixteenth Century Italian Architecture
- HOA 322 - Early Renaissance Architecture in Italy 1400-1529
- HOA 324 - Italian Seventeenth Century Architecture
- HOA 430 - Northern Renaissance Art: 15th Century
- HOA 431 - Northern Renaissance Art: 16th Century
- HOA 311 - Italian Medieval Art
- HOA 312 - Romanesque Art
- HOA 313 - Gothic Art
- DRA 561 - Music and Shakespeare
- HOA 421 - Early Renaissance Art
- HOA 422 - High Renaissance Art/Mannerism
- HOA 425 - Leonardo da Vinci: Artist and Engineer
- HOA 426 - Michelangelo' Italy
- HOA 445 - Baroque Art in Southern Europe
- HOA 446 - Baroque Art in Northern Europe
- HOA 439 - French Architecture, Sixteenth and Seventeenth Centuries
- HOA 530 - History of Printmaking
- HOA 540 - 17th Century Dutch Painting
- HOA 541 - Arts and Ideas in the 17th Century
- HST 310 - The Early Middle Ages
- HST 311 - Medieval Civilization
- HST 312 - Reformation of the 16th Century
- HST 313 - French Revolution: Sun King to Guillotine
- HST 355 - The Italian Renaissance
- HST 357 - Culture and politics in Early Modern England: Henry VIII to Charles I
- HST 358 - Revolution and Civil War in 17th Century England
- HST 367 - Plague to AIDS
- HST 376 - Renaissance London (Honors)
- HUM 420 - Studies in Renaissance Cultural History
- PHI 311 - The Rationalists

wishing to have any of these courses count should petition the coordinator (advisor) of the Medieval and Renaissance Studies Minor to have these courses count toward the minor. (**Bold** are newly added/revised courses)

- **FRE 411/611 - Molière**
- HOA 312 - Romanesque Art
- **HOA 350 - Art in Eighteenth-Century Europe**
- HOA 410 - Art and Ideology in Medieval Spain
- HOA 421 - Early Renaissance Art
- HOA 422 - High Renaissance Art/Mannerism
- **HOM 424 - The Gothic Spell**
- HOA 430 - Northern Renaissance Art: 15th Century
- HOA 431 - Northern Renaissance Art: 16th Century
- **HOA 439/ARC 443/737 - French Architecture, Sixteenth and Seventeenth Centuries**
- HOA 445 - Baroque Art in Southern Europe
- HOA 446 - Baroque Art in Northern Europe
- **HOA 531 - Paper Arts in the Low Countries, 1400-1700**
- HOA 540 - 17th Century Dutch Painting
- **HOM/DRA 561 - Music and Shakespeare**
- **HOM 562 - Bach and Handel**
- HST 310 - The Early Middle Ages
- HST 311 - Medieval Civilization
- HST 312 - Reformation of the 16th Century
- HST 313 - French Revolution: Sun King to Guillotine
- **HST/SAS 328 - Ancient and Medieval India**
- HST 355 - The Italian Renaissance
- HST 357 - Culture and politics in Early Modern England: Henry VIII to Charles I
- **HST 373 - The Crusades**
- **HST 391 - Mary Magdalen: History of a Legend**
- **HST 398 - Saints and Sinners**
- **HST 399 - Early Monasticism**
- **ITA 409 - Dante's *Commedia*: Inferno**

<ul style="list-style-type: none"> <li>• SPA 441 - Medieval and Golden Age Literature</li> <li>• SPA 443 - Cervantes</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PHI 308 - Classical Islamic Philosophy</b></li> <li>• PHI 311 - The Rationalists</li> <li>• <b>REL 310 - Medieval Christianities</b></li> <li>• SPA 441 - Medieval and Golden Age Literature</li> <li>• SPA 443 - Cervantes</li> </ul>
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#### IV. REVISED PROGRAMS

##### College of Arts and Sciences

###### **Bachelor of Arts and Bachelor of Science in Applied Mathematics**

Replace the extra-disciplinary requirement "Complete two sequences of two approved science courses outside of the mathematics department" with "Complete two sequences of two approved science courses for a total of four different courses outside of the mathematics department".

<b>Current</b>	<b>Proposed Change</b>
Complete two sequences of two approved science courses outside of the mathematics department, such as BIO 121-123, CHE 106(107)-116 (117), PHY 211(221)-212(222), ECN 203-302, ECN 203-311, ECS 221-222, ELE 231-232, or another, more advanced sequence with the approval of a mathematics major advisor. This requirement is waived if the student earns either (i) a minor in Applied Statistics, Biology, Chemistry, Computer Science, Economics, Engineering disciplines, Information Management & Technology, or Physics, or (ii) a major in one of natural sciences, engineering/technology disciplines, economics or finance.	Complete two sequences of two approved science courses <b>for a total of four different courses</b> outside of the mathematics department, such as BIO 121-123, CHE 106(107)-116 (117), PHY 211(221)-212(222), ECN 203-302, ECN 203-311, ECS 221-222, ELE 231-232, or another, more advanced sequence with the approval of a mathematics major advisor. This requirement is waived if the student earns either (i) a minor in Applied Statistics, Biology, Chemistry, Computer Science, Economics, Engineering disciplines, Information Management & Technology, or Physics, or (ii) a major in one of natural sciences, engineering/technology disciplines, economics or finance.

###### **Bachelor of Arts in Citizenship and Civic Engagement**

Proposal to revise program to change one of the required classes, MAX 301, currently a 4-credit seminar that includes a service-learning component, into two 3-credit courses: MAX 301 Justice Ethics and Citizenship and MAX 310 Community Placement. The program of study will change from 31 credits to 33 credits.

<b>Current Curriculum</b>	<b>Proposed Curriculum</b>
First Year Foundations MAX 123 or 132 (3 credits) 100- or 200- level social science (3)	No Change
Social Science Methodology MAX 201 (3) Methods Class (selected from a list) (3)	No Change

Upper-Division Sequence MAX 301 (4 credits) Max 302 (3) MAX 401 (3)	Upper-Division Sequence MAX 301 (3 credits) MAX 310 Community Placement (3 credits) Max 302 (3) MAX 401 (3)
Connective Coursework Course 1 (3) Course 2 (3) Course 3 (3)	No Change
<b>Total Credits: 31</b>	<b>Total Credits: 33</b>

### Bachelor of Arts in Earth Science

Proposal to expand the course offerings that would count as meeting the introductory Earth Science course requirement and adjust requirements to give students the proper background to successfully navigate the > 300 level courses that are required for this degree. The list is consistent with the liberal arts course sequences for Earth Sciences.

Current Curriculum	Proposed Curriculum
<p><b>Introductory Course: (One of the Following):</b></p> <ul style="list-style-type: none"> <li>• EAR 110 - Dynamic Earth</li> <li>• EAR 203 - Earth System Science</li> <li>• EAR 105 - Earth Science and</li> <li>• EAR 104 - Introductory Geology Lab</li> </ul> <p><b>One of the following sequence courses:</b></p> <ul style="list-style-type: none"> <li>• EAR 210 - History of Earth and Life</li> <li>• EAR 106 - Geohazards &amp; Natural Disasters</li> <li>• EAR 111 - Climate Change Past and Present</li> <li>• EAR 117 - Oceanography</li> <li>• EAR 200 - Selected Topics</li> <li>• EAR 205 - Water and Our Environment</li> <li>• EAR 225 - Volcanoes and Earthquakes</li> </ul> <p><b>Additional Courses:</b> Additional 18 credits in Earth Sciences at 300 level or above.</p>	<p><b>Introductory Course: (One of the Following):</b></p> <ul style="list-style-type: none"> <li>• EAR 110 - Dynamic Earth</li> <li>• EAR 203 - Earth System Science</li> <li>• EAR 105 - Earth Science and</li> <li>• EAR 104 - Introductory Geology Lab</li> </ul> <p><b>Sequence course:</b></p> <ul style="list-style-type: none"> <li>• EAR 210 - History of Earth and Life (Note: Can be taken co-requisite with <math>\geq</math> 300 level courses.)</li> </ul> <p><b>Course Requirements:</b></p> <ul style="list-style-type: none"> <li>• EAR 314 - Mineralogy</li> <li>• EAR 317 - Sedimentary Processes and Systems</li> </ul> <p><b>Required Ancillary Sciences and Mathematics:</b></p> <ul style="list-style-type: none"> <li>• CHE 106 - General Chemistry Lecture I</li> <li>• A Math course that is <math>\geq</math> MAT194</li> </ul> <p><b>Additional Courses:</b> Additional 10 credits in Earth Sciences at 300 level or above.</p>

### Bachelor of Arts in History

Proposal an additional seminar, to be taken as soon as possible after declaring the major in order to introduce students to the study of history and prepare them for independent research to be undertaken in the Capstone seminar.

Current Curriculum	Proposed Curriculum (changes in <b>bold</b> )
<ul style="list-style-type: none"> <li>• 10 courses (30 credits)               <ul style="list-style-type: none"> <li>○ 1 lower-level sequence</li> <li>○ 7 upper-level courses (300+)</li> <li>○ 5 courses in one geographic concentration (U.S., European, or Global history)</li> <li>○ Capstone seminar (HST 401) or Distinction thesis / Honors Capstone thesis</li> </ul> </li> <li>• Geographical distribution requirement: 1 course (300+) in each of the other two concentrations</li> </ul>	<ul style="list-style-type: none"> <li>• 10 courses (30 credits)               <ul style="list-style-type: none"> <li>○ 1 lower-level sequence</li> <li>○ 7 upper-level courses (300+_</li> <li>○ 5 courses in one geographic concentration</li> <li>○ <b>2 seminars</b> <ul style="list-style-type: none"> <li>▪ <b>HST 301 (Introduction to the Study of History)</b></li> <li>▪ HST 401 or <b>Distinction thesis seminar (HST 495-96)</b></li> </ul> </li> </ul> </li> <li>• Distribution requirements               <ul style="list-style-type: none"> <li>○ 1 course in each of other 2 concentrations</li> <li>○ <b>2 courses in each chronological period, at least one at upper level</b></li> </ul> </li> </ul>

### Bachelor of Arts/Bachelor of Science (ILM) in Neuroscience

Proposal to add 4 optional elective classes to the list of electives offered as part of the Neuroscience ILM.

Current Curriculum	Proposed Curriculum
<p><b>Required Entry Courses: 6 credits (Grade of B- or better required in these two entry courses)</b></p> <p>NEU 211 - Introduction to Neuroscience            PSY 223 - Introduction to Cognitive Neuroscience</p> <p><b>Required courses:</b> Intersection of Mind and Brain; 9 credits            PSY 322 - Cognitive Psychology <b>or</b> NEU 301 - Introduction to Cognitive Science            CSD 409 - Cognitive Neuroscience of Speech and Language <b>AND</b> NEU 407 - Advanced Neuroscience <b>AND</b> PSY 496 - Neuroscience and Society</p> <p><b>Elective Courses:</b>  <b>Biology:</b> BIO 326 – Genetics; BIO 327 - Cell Biology; BIO 417 - Animal Behavior and Evolutionary Biology Laboratory; BIO 437 - Seminar in Developmental Neuroscience</p>	<p><b>Required Entry Courses: 6 credits (Grade of B- or better required in these two entry courses)</b></p> <p>NEU 211 - Introduction to Neuroscience            PSY 223 - Introduction to Cognitive Neuroscience</p> <p><b>Required courses:</b> Intersection of Mind and Brain; 9 credits            PSY 322 - Cognitive Psychology <b>or</b> NEU 301 - Introduction to Cognitive Science            CSD 409 - Cognitive Neuroscience of Speech and Language <b>AND</b> NEU 407 - Advanced Neuroscience <b>AND</b> PSY 496 - Neuroscience and Society</p> <p><b>Elective Courses:</b>  <b>Biology:</b> BIO 326 – Genetics; BIO 327 - Cell Biology; <b>BIO 416-616 Biology of aging;</b> BIO 417 - Animal Behavior and Evolutionary Biology Laboratory; <b>Bio 437-637 Seminar in Developmental neuroscience;</b> <b>BIO 443-643 Seminar in Epigenetic regulation of gene expression;</b> <b>BIO 444-644-Seminar in Neurotoxicology</b></p>



<p><b>Communication Sciences &amp; Disorders:</b> CSD 315 - Anatomy and Physiology of the Speech and Hearing Mechanisms; CSD 325 - Fundamentals of Hearing Sciences; CSD 345 - Speech Science (prereq: CSD 315); CSD 422 - Development of Speech and Language; CSD 429 - Basic Clinical Audiology</p> <p><b>Linguistics:</b> LIN 301 - Introductory Linguistic Analysis (prereq: LIN 201); LIN 431 – Phonological Analysis; LIN 441 - Syntactic Analysis; LIN 451 - Morphological Analysis; LIN 491 - Universal Grammar and Second Language Acquisition (prereq: LIN 301); LIN 571 - Topics in Sociolinguistics</p> <p><b>Mathematics:</b> MAT 397 - Calculus III; MAT 331 - First Course in Linear Algebra; MAT 485 - Differential Equations and Matrix Algebra for Engineers</p> <p><b>Philosophy:</b> PHI 378 - Minds and Machines (prereq: any PHI or computer science course); PHI 373 - Introduction to the Philosophy of Science (prereq: PHI 107, PHI 251, or PHI 551); PHI 375 - Philosophy of Biology:What Can Evolution Explain? (prereq: 1 PHI and 1 BIO)</p> <p>PHI 377 - Philosophy of Psychology (prereq: PSY 205); PHI 533 - Philosophy of Mind</p> <p><b>Physics:</b> PHY 307 - Science and Computers I; PHY 308 - Science and Computers II (prereq: PHY 307 and MAT 285/MAT 286 or MAT 295/MAT 296); PHY 315 - Biological and Medical Physics; PHY 360 - Vibrations, Waves and Optics; PHY 444 - Soft Matter (prereq: any 300-level MAT or physical science course); PHY 531 - Thermodynamics and Statistical Mechanics</p> <p><b>Psychology:</b> PSY 315 - Drugs and Human Behavior; PSY 321 - Introduction to Sensation and Perception PSY 323 - Brain and Behavior; PSY 324 - Developmental Biopsychology; PSY 331 - Laboratory in Sensation and Perception (prereq: PSY 313, coreq or prereq PSY 321); PSY 332 - Laboratory in Cognitive Psychology; PSY 334 - Laboratory in Developmental Biopsychology; PSY 373 - Human Memory (prereqs: PSY 205, PSY 322); PSY 382 - Health Psychology; PSY 392 - Stress and Health; PSY 426 - Cognitive Neurochemistry; PSY 437 - Cognition and Aging</p>	<p><b>Communication Sciences &amp; Disorders:</b> CSD 315 - Anatomy and Physiology of the Speech and Hearing Mechanisms; CSD 325 - Fundamentals of Hearing Sciences; CSD 345 - Speech Science (prereq: CSD 315); CSD 422 - Development of Speech and Language; CSD 429 - Basic Clinical Audiology</p> <p><b>Linguistics:</b> LIN 301 - Introductory Linguistic Analysis (prereq: LIN 201); LIN 431 – Phonological Analysis; LIN 441 - Syntactic Analysis; LIN 451 - Morphological Analysis; LIN 491 - Universal Grammar and Second Language Acquisition (prereq: LIN 301); LIN 571 - Topics in Sociolinguistics</p> <p><b>Mathematics:</b> MAT 397 - Calculus III; MAT 331 - First Course in Linear Algebra; MAT 485 - Differential Equations and Matrix Algebra for Engineers</p> <p><b>Philosophy:</b> PHI 378 - Minds and Machines (prereq: any PHI or computer science course); PHI 373 - Introduction to the Philosophy of Science (prereq: PHI 107, PHI 251, or PHI 551); PHI 375 - Philosophy of Biology:What Can Evolution Explain? (prereq: 1 PHI and 1 BIO course); PHI 377 - Philosophy of Psychology (prereq: PSY 205); PHI 533 - Philosophy of Mind</p> <p><b>Physics:</b> PHY 307 - Science and Computers I; PHY 308 - Science and Computers II (prereq: PHY 307 and MAT 285/MAT 286 or MAT 295/MAT 296); PHY 315 - Biological and Medical Physics; PHY 360 - Vibrations, Waves and Optics; PHY 444 - Soft Matter (prereq: any 300-level MAT or physical science course); PHY 531 - Thermodynamics and Statistical Mechanics</p> <p><b>Psychology:</b> PSY 315 - Drugs and Human Behavior; PSY 321 - Introduction to Sensation and Perception PSY 323 - Brain and Behavior; PSY 324 - Developmental Biopsychology; PSY 331 - Laboratory in Sensation and Perception (prereq: PSY 313, coreq or prereq PSY 321); PSY 332 - Laboratory in Cognitive Psychology; PSY 334 - Laboratory in Developmental Biopsychology; PSY 373 - Human Memory (prereqs: PSY 205, PSY 322); PSY 382 - Health Psychology; PSY 392 - Stress and Health; PSY 426 - Cognitive Neurochemistry; PSY 437 -</p>
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<p><b>Biomedical and Chemical Engineering:</b> BEN 364 - Quantitative Physiology (prereq: BEN 305); BEN 458 - Biomedical Imaging;</p> <p><b>Engineering and Computer Sciences:</b> ELE 351 - System and Signal Analysis; ELE 352 - Digital Signal Processing course);</p>	<p>Cognition and Aging; <b>PSY 395- Abnormal Psychology</b></p> <p><b>Biomedical and Chemical Engineering:</b> BEN 364 - Quantitative Physiology (prereq: BEN 305); BEN 458 - Biomedical Imaging;</p> <p><b>Engineering and Computer Sciences:</b> ELE 351 - System and Signal Analysis; ELE 352 - Digital Signal Processing</p>
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### Bachelor of Arts in Writing and Rhetoric

Proposal to add eleven courses to the list of approved courses from outside the Writing Program that may be counted toward the major in Writing and Rhetoric.

Current Curriculum	Proposed Curriculum
<p>Required Core Courses:</p> <p>WRT 255, WRT 302, WRT 307, WRT 413</p> <p>Genres and Practices (students select 3) (9 credits)</p> <p>WRT 301 WRT 303 WRT 308 WRT 331 WRT 340 WRT 401/402 (2/1 credits) WRT 417 WRT 419 WRT 422 WRT 427 WRT 470</p> <p>Approved non-WRT courses*: ETS 401, ETS 403, NEW 205**, PRL 214**</p> <p>Writing Histories and Theories (students select 3) (9 credits)</p> <p>WRT 423 WRT 424 (repeatable) WRT 426 (repeatable) WRT 428 (repeatable) WRT/WGS/CRS 436 WRT 437 WRT 440 WRT 447</p> <p>Approved non-WRT courses*: CRS 336, CRS 338, CRS 355, CRS/WGS 414, CRS 455, CRS 483, ETS 325, ETS 420, ETS 440</p>	<p>Required Core Courses:</p> <p>WRT 255, WRT 302, WRT 307, WRT 413</p> <p>Genres and Practices (students select 3) (9 credits)</p> <p>WRT 301 WRT 303 WRT 308 WRT 331 WRT 340 WRT 401/402 (2/1 credits) WRT 417 WRT 419 WRT 422 WRT 427 WRT 470</p> <p>Approved non-WRT courses*: <b>CRS 317, CRS 325, CRS 327/627</b>, ETS 401, ETS 403, NEW 205**, PRL 214**, <b>WGS 365</b></p> <p>Writing Histories and Theories (students select 3) (9 credits)</p> <p>WRT 423 WRT 424 (repeatable) WRT 426 (repeatable) WRT 428 (repeatable) WRT/WGS/CRS 436 WRT 437 WRT 440 WRT 447</p> <p>Approved non-WRT courses*:</p>

<p>*At most, a total of two approved non-WRT courses (6 credits) from the above lists can be used toward the major.</p> <p>**Available only to students enrolled in Newhouse programs.</p>	<p><b>AAS 433</b>, CRS 336, CRS 338, CRS 355, CRS/WGS 414, CRS 455, CRS 483, ETS 325, <b>ETS 426</b>, ETS 420, <b>ETS 430</b>, ETS 440, <b>LIN 201</b>, <b>LIN 251</b>, <b>LIN 471/LIN 671</b>, <b>LIN 481/681</b></p> <p>*At most, a total of two approved non-WRT courses (6 credits) from the above lists can be used toward the major.</p> <p>**Available only to students enrolled in Newhouse programs.</p>
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### Bachelor of Science in Chemistry

Proposal to remove CHE 474 as a core requirement option in the program, leaving BCM 475 (Biochemistry I) as a required course. CHE 474 will be accepted as an elective in the Chemistry (B.S.) degree requirements.

Current Curriculum	Proposed Curriculum
<p><b>At least 45 credits in chemistry are required for the B.S. degree. Each student's course of study should include the following:</b></p> <p><b>1.) Required Chemistry Core Courses:</b>            CHE 106: General Chemistry Lecture I (3)            CHE 116: General Chemistry Lecture II (3)  <i>or</i>            CHE 109: General Chemistry Lecture I (Honors &amp; Majors) (3)            CHE 119: General Chemistry Lecture II (Honors &amp; Majors) (3)</p> <p>CHE 107: General Chemistry Lab I (1)            CHE 117: General Chemistry Lab II (1)  <i>or</i>            CHE 129: General Chemistry Lab I (Honors &amp; Majors) (1)            CHE 139: General Chemistry Lab II (Honors &amp; Majors) (1)</p> <p>CHE 275: Organic Chemistry Lecture I (3)            CHE 276: Organic Chemistry Laboratory I (2)            CHE 325: Organic Chemistry Lecture II (3)            CHE 326: Organic Chemistry Laboratory II (2)            CHE 346: Physical Chemistry Lecture I (3)            CHE 347: Physical - Analytical Chemistry Laboratory (2)            CHE 356: Physical Chemistry Lecture II (3)            CHE 357: Physical Chemistry Laboratory (2)            CHE 411: Inorganic Chemistry (3)            CHE 422: Inorganic Laboratory Techniques (1)</p>	<p><b>At least 45 credits in chemistry are required for the B.S. degree. Each student's course of study should include the following:</b></p> <p><b>1.) Required Chemistry Core Courses</b>            CHE 106: General Chemistry Lecture I (3)            CHE 116: General Chemistry Lecture II (3)  <i>or</i>            CHE 109: General Chemistry Lecture I (Honors &amp; Majors) (3)            CHE 119: General Chemistry Lecture II (Honors &amp; Majors) (3)</p> <p>CHE 107: General Chemistry Lab I (1)            CHE 117: General Chemistry Lab II (1)  <i>or</i>            CHE 129: General Chemistry Lab I (Honors &amp; Majors) (1)            CHE 139: General Chemistry Lab II (Honors &amp; Majors) (1)</p> <p>CHE 275: Organic Chemistry Lecture I (3)            CHE 276: Organic Chemistry Laboratory I (2)            CHE 325: Organic Chemistry Lecture II (3)            CHE 326: Organic Chemistry Laboratory II (2)            CHE 346: Physical Chemistry Lecture I (3)            CHE 347: Physical -Analytical Chemistry Laboratory (2)            CHE 356: Physical Chemistry Lecture II (3)            CHE 357: Physical Chemistry Laboratory (2)            CHE 411: Inorganic Chemistry (3)            CHE 422: Inorganic Laboratory Techniques (1)</p>

<p>CHE 450: Introduction to Chemical Research (1-4) (at least 3 credits)</p> <p>CHE 335: Chemical and Biochemical Analysis with Laboratory (4)  <i>or</i>  CHE/FSC 444: Forensic Chemical Analysis (4)</p> <p>CHE 474: Structural and Physical Biochemistry (3)  <i>or</i>  BCM 475: Biochemistry (3)</p> <p><b>2.) At least 3 credits in a lecture course chosen from:</b>  CHE 427: Organic Chemistry of Biological Molecules (3)  CHE 436: Advanced Physical Chemistry (3)  CHE 546: Molecular Spectroscopy and Structure (1-9)  CHE 575: Organic Spectroscopy (3)  <i>or selected graduate courses with the instructor's approval</i></p> <p><b>3.) Required Calculus (one year) and Physics Courses:</b>  MAT 295: Calculus I (4)  MAT 296: Calculus II (2-4)  PHY 211: General Physics Lecture I (3)  PHY 212: General Physics Lecture II (3)  PHY 221: General Physics Laboratory I (1)  PHY 222: General Physics Laboratory II (1)</p> <p>If taken in an appropriate area of research, additional credit in CHE 450 beyond the 3 credits required in (1) above may be substituted for up to 4 laboratory credits with the department's approval.</p> <p>Students who receive a score of 5 on the AP chemistry exam will receive credit for CHE 106/116 and CHE 107/117 (8 credits)*</p> <p>*Pre-medical students should consult with Health Professions Advising before accepting AP chemistry credit.</p>	<p>CHE 450: Introduction to Chemical Research (1-4) (at least 3 credits)</p> <p>CHE 335: Chemical and Biochemical Analysis with Laboratory (4)  <i>or</i>  CHE/FSC 444: Forensic Chemical Analysis (4)</p> <p>BCM 475: Biochemistry (3)</p> <p><b>2.) At least 3 credits in a lecture course chosen from:</b>  CHE 427: Organic Chemistry of Biological Molecules (3)  CHE 436: Advanced Physical Chemistry (3)  CHE 474: Structural and Physical Biochemistry (3)  CHE 546: Molecular Spectroscopy and Structure (1-9)  CHE 575: Organic Spectroscopy (3)  <i>or selected graduate courses with the instructor's approval</i></p> <p><b>3.) Required Calculus (one year) and Physics Courses:</b>  MAT 295: Calculus I (4)  MAT 296: Calculus II (2-4)  PHY 211: General Physics Lecture I (3)  PHY 212: General Physics Lecture II (3)  PHY 221: General Physics Laboratory I (1)  PHY 222: General Physics Laboratory II (1)</p> <p>If taken in an appropriate area of research, additional credit in CHE 450 beyond the 3 credits required in (1) above may be substituted for up to 4 laboratory credits with the department's approval.</p> <p>Students who receive a score of 5 on the AP chemistry exam will receive credit for CHE 106/116 and CHE 107/117 (8 credits)*</p> <p>*Pre-medical students should consult with Health Professions Advising before accepting AP chemistry credit.</p>
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**Master of Science in Speech Language Pathology**  
(Pending NYSED Approval)

Proposal to revise program as follows:

- 1) Restructure language courses, which resulted in a decrease in normal and disordered language credits from 9 to 8 credits.
- 2) Add one credit of a required elective.
- 3) Restructure Neuropathologies and Motor Speech courses to be taught as a sequence.
- 4) Make a counseling course required.
- 5) Change total credits required for Masters in SLP to **46-53**, which is an **increase** of one credit from the current minimum of **45-53**. This increase is because we no longer permit students to waive the one credit Augmentative and Alternative Communication requirement, with an undergraduate course in this area.

Current Curriculum	Proposed Curriculum
<p><b>Total credits required for the master's in SLP with a background</b></p> <p><b>Total of 45-53 Credits</b></p> <ul style="list-style-type: none"> <li>• 30-38 cr required academic coursework</li> <li>• 10 cr clinical coursework</li> <li>• 5 cr of elective coursework</li> <li>• Up to 8 credits of * courses below can be waived if taken at undergraduate level, and approved by faculty.</li> </ul> <p>Curriculum Structure</p> <p>a.) Required Courses (3 cr, unless noted)</p> <p><u>CSD 612</u> Genetics, Cleft Palate &amp; Craniofacial disorders</p> <p><u>CSD 618</u> Dysphagia</p> <p><u>CSD 625</u> Stuttering</p> <p><u>CSD 657</u> Voice Disorders</p> <p><u>CSD 725</u> Neuropathologies of Language</p> <p><u>CSD 623</u> Language Disorders/Early Childhood</p> <p><u>CSD 638</u> Clinical Phonology</p> <p>*<u>CSD 600</u> Augmentative and Alternative Communication (1 cr)</p> <p>*<u>CSD 659</u> Intro to Research in SLP and AUD (1 credit)</p> <p><u>CSD 723</u> Assessment of Children's Language</p> <p><u>CSD 611</u> Motor Speech Disorders</p> <p><u>CSD 731</u> Language Disorders of School-Age Children</p> <p>*<u>CSD 677</u> Speech-Language Pathology in School Settings may be needed for teaching certification.</p> <p>*<u>CSD 635</u> Aural Rehabilitation (audiology)</p>	<p><b>Total credits required for the master's in SLP with a background</b></p> <p><b>Total of 46-53 Credits</b></p> <ul style="list-style-type: none"> <li>• 33-40 cr required academic coursework</li> <li>• 10 cr clinical coursework</li> <li>• 3 cr of elective coursework</li> <li>• Up to 7 credits of * courses below can be waived if taken at undergraduate level, and approved by faculty.</li> </ul> <p>Curriculum Structure</p> <p>a.) Required Courses (3 cr, unless noted)</p> <p>CSD 612 Genetics, Cleft Palate &amp; Craniofacial disorders</p> <p>CSD 618 Dysphagia</p> <p>CSD 625 Stuttering</p> <p>CSD 657 Voice Disorders</p> <p>CSD 726 Neurogenic Communication Disorders I</p> <p>CSD 623 Language Disorders/Early Childhood</p> <p>CSD 624 Clinical Techniques-Language Disabilities of Early Childhood (1 cr)</p> <p>CSD 638 Clinical Phonology</p> <p>CSD 646 Augmentative and Alternative Communication (1 cr)</p> <p>*CSD 659 Intro to Research in SLP and AUD (1 credit)</p> <p>CSD 727 Neurogenic Communication Disorders II</p> <p>CSD 731 Language Disorders of School-Age Children</p> <p>CSD732 Clinical Techniques- Language Disabilities of School-age Children (1 cr)</p> <p>*CSD 677 Speech-Language Pathology in School Settings may be needed for teaching certification.</p>

<p>b.) <u>Electives</u> (Choose 5 cr of electives)  <u>CSD 600</u> Selected Topics (1 cr each) several topics will be offered.  <u>CSD 600</u> Counseling of Individuals with Communication Disorders and Their Families (3 cr)  <u>CSD 690</u> Independent study (1-3cr)</p> <p>c.) Clinical Coursework (10 credits)  <u>CSD 650</u> Clinical Practicum (10 cr divided over each semester)</p>	<p>*CSD 635 Aural Rehabilitation (audiology)  Counseling course (3cr)  (For example: CSD 600 Counseling of Individuals with Communication Disorders and Their Families)</p> <p>b.) Electives (Choose 3 cr of electives)  choose Graduate level CSD courses adding up to 3 credits or  CSD 690 Independent study (1-3cr)</p> <p>c.) Clinical Coursework (10 credits)  CSD 650 Clinical Practicum (10 cr divided over each semester)</p>
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**Ph.D. in Earth Science**  
*(Pending NYSED Approval)*

Proposal for the reduction in total credit required for PhD is consistent with other SU Science PhD programs (E.g. Physics – 48 credits, Chemistry – 48 credits, Biology 48 credits). This change will help students make a more rapid transition into doing research in the laboratory. It will not affect the total amount of time needed to obtain the PhD degree.

Current	Proposed
<p><b>Ph.D. in Earth Sciences</b></p> <p>72 total graduate credit hours are required.</p> <p>Ph.D. students coming to the program with a M.S. may receive credit for up to 30 hours. An additional 42 credit hours are required. At least 12 of those 42 credit hours must be in graduate coursework, with the balance made up by dissertation credits.</p> <p>Ph.D. students coming to the program without a M.S. must take at least 36 credits in graduate course work (the equivalent of 24 M.S. course work credits plus 12 Ph.D. course work credits). The balance of the 72 credits will be made up in dissertation credits.</p> <p>Most students can satisfy the requirements within four years after completing the master's degree. The Ph.D. candidate must pass an oral qualifying examination and must give an oral defense of the dissertation.</p>	<p><b>Ph.D. in Earth Sciences</b></p> <p>48 total graduate credit hours are required.</p> <p>Ph.D. students coming to the program with a M.S. may receive credit for up to 30 hours. An additional 18 credit hours are required. At least 12 of those 18 credit hours must be in graduate coursework, with the balance made up by dissertation credits.</p> <p>Ph.D. students coming to the program without a M.S. must take at least 36 credits in graduate course work. The balance of the 48 credits will be made up in dissertation credits.</p> <p>Most students can satisfy the requirements within four years after completing the master's degree. The Ph.D. candidate must pass an oral qualifying examination and must give an oral defense of the dissertation.</p>

## College of Arts and Sciences/School of Management

### Dual Program: Bachelor of Science in Science and Business

This dual program provides a student with a major in Management and a major in SCIENCE, together with the liberal arts core foundation provided through the College of Arts and Sciences. A student will complete all the requirements for an Arts and Sciences Degree in SCIENCE and for a Management Degree in the School of Management. In doing so, the student will receive a dual degree, from A&S and Whitman.

Dual AS/MG Program Requirements (140+ credits)	
Whitman Core Requirements (Required for ALL students) (49 credits):	Arts and Sciences Requirements (Required for ALL students) (91-98 credits):
MG Introductory Core (13 crs): SOM 122, LPP 255, ACC 151, ACC 252	Quant Liberal Skills (6 crs): MAS 261, BUA 345
MG Integrated Cores (18 crs): FIN 256, MAR 255, SCM 265, MGT 247, MGT 248, SOM 354	Natural Science and Calculus (16 crs): MAT 28X, 12 crs of Lab Science
MG Capstone (3 crs): EEE 457	Writing Liberal Arts (12 crs): WRT 105, WRT 205, WRT 307, Intensive Writing
MG Business Major (15 crs)	Social Science (12 crs): PSY 205, ECN 203, ECN 300+, 3 crs elective
Community Service (0 crs)	Humanities (12 crs): 12 crs including one sequence
Internship (0 crs)	A&S (7 crs): 6 crs critical reflection, CAS 101
Global Diversity (0 crs)	Arts & Science Concentration, Science Major chosen from Biology, Chemistry, and Earth Science (depending on major)

## College of Engineering and Computer Science

### Master of Science in Cybersecurity

Proposal to revise the program to increase the program's flexibility to accommodate students with a range of career objectives and academic interests within the Cybersecurity field.

#### Side-by-Side Comparison

Current Curriculum – 30 Credits	Proposed Curriculum – 30 Credits
<b>18-credit core:</b> <ul style="list-style-type: none"> <li>• CSE 643 - Computer Security 3 credit(s)</li> <li>• CSE 644 - Internet Security 3 credit(s)</li> <li>• CIS 634 - Assurance Foundations 3 credit(s)</li> <li>• CIS 652 - Building Assured Components 3 credit(s)</li> </ul>	<b>15-credit core:</b> <ul style="list-style-type: none"> <li>• CSE 643 - Computer Security 3 credit(s)</li> <li>• CSE 644 - Internet Security 3 credit(s)</li> <li>• CIS 634 - Assurance Foundations 3 credit(s)</li> <li>• CIS 657 - Principles of Operating Systems 3 credit(s)</li> </ul>

<ul style="list-style-type: none"> <li>• CIS 657 - Principles of Operating Systems 3 credit(s)</li> <li>• CIS 675 - Design and Analysis of Algorithms 3 credit(s)</li> </ul> <p><b>6 credits of technical cyber security electives, drawn from:</b></p> <ul style="list-style-type: none"> <li>• CIS 628 - Introduction to Cryptography 3 credit(s)</li> <li>• CSE 774 - Principles of Distributed Access Control 3 credit(s)</li> <li>• CIS 752 - Wireless Network Security 3 credit(s)</li> <li>• Any 700-level security courses from EECS</li> </ul> <p><b>3 credits of nontechnical cyber security electives, drawn from:</b></p> <ul style="list-style-type: none"> <li>• LAW 775 - Internet Law 3 credit(s)</li> <li>• LAW 832 - Cyber Security Law and Policy 3 credit(s)</li> <li>• IST 629 - Organizational Information Security 3 credit(s)</li> <li>• IST 728 - Information Security Policy 3 credit(s)</li> <li>• PSC 655 - Global Information Technology Policy 3 credit(s)</li> <li>• PSC 755 - Politics and Governance in the Information Age 3 credit(s)</li> </ul> <p><b>3 Additional Credits</b> 3 additional credits, drawn from the technical or nontechnical cyber security electives or from any CIS/CSE courses at the 600-level or higher</p>	<ul style="list-style-type: none"> <li>• CIS 675 - Design and Analysis of Algorithms 3 credit(s)</li> </ul> <p><b>9 credits of technical cyber security electives:</b> These credits must be chosen from the list of Approved Technical Cybersecurity Electives maintained by the Cybersecurity Committee</p> <p><b>6 Additional Credits</b> 6 additional credits drawn from the list of technical cybersecurity electives, the list of nontechnical cybersecurity electives, or from any CIS/CSE courses at the 600-level or higher. At most 3 credits of nontechnical cybersecurity electives are permitted.</p>
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## College of Visual and Performing Arts

### **Bachelor of Fine Arts in Musical Theater**

Proposal for a revision and reorganization of the musical training for students in the Musical Theater, BFA program. The proposed curriculum gives appropriate credit weight to the coursework in each course in the program and numbering courses in a more logical sequence.

#### **Current Curriculum**

Freshman Year, Fall Semester

Theater Laboratory	0	DRA 090
Intro to the Theater	3	DRA 115
Intro to Acting	3	DRA 125
Intro to Theater Production	2	DRD 115
Musical Theater Practicum	1	DRA 260
Music Theory for Non Majors	3	MTC 115

#### **Proposed Curriculum**

Freshman Year, Fall Semester

Theater Laboratory	0	DRA 090
Intro to the Theater	3	DRA 115
Intro to Acting	3	DRA 125
Intro to Theater Production	2	DRD 115
<b>Musical Theater Practicum I</b>	<b>2</b>	<b>DRA 161</b>
<b>Foundations of Musical Theater</b>	<b>2</b>	<b>DRA 151</b>



Ballet I (or as placed)	2	DRA 140	Ballet I	2	DRA 140
Voice for Non Majors	1	VOC 110	<b>Vocal Tech for MT Majors I</b>	1	<b>DRA 118</b>
Writing Studio I	3	WRT 105	Writing Studio I	3	WRT 105
18			18		

## Freshman Year, Spring Semester

Theater Laboratory	0	DRA 090
Intro to the Theater II	3	DRA 116
Intro to Acting II	6	DRA 126
Intro to Theater Production II	2	DRD 116
Musical Theater Practicum	1	DRA 260
Sight Singing I	1	MTC 125
Ballet I	2	DRA 140
Voice for Non Majors	1	VOC 110
Writing Studio II	3	WRT 205
19		

## Freshman Year, Spring Semester

Theater Laboratory	0	DRA 090
<b>Intro to Musical Theater Literature</b>	3	<b>DRA 153</b>
Intro to Acting II	6	DRA 126
Intro to Theater Production II	2	DRD 116
<b>Musical Theater Practicum II</b>	2	<b>DRA 162</b>
Ballet I	2	DRA 140
<b>Vocal Tech for MT Majors I</b>	1	<b>DRA 118</b>
Writing Studio II	3	WRT 205
19		

## Sophomore Year, Fall Semester

Theater Laboratory	0	DRA 090
Introduction to Scene Study	3	DRA 220
Voice/Verse Practicum	3	DRA 221
Intro to MT Performance	3	DRA 261
Survey of Theater History	3	DRA 352
Ballet II (or as placed)	2	DRA 240
Sight Singing II	1	MTC 225
Piano Instruction	1	PNO 120
Voice Instruction	1	VOC 210
Dance elective	2	DRA
19		

Theater Laboratory	0	DRA 090
Introduction to Scene Study	3	DRA 220
Voice/Verse Practicum	3	DRA 221
Intro to MT Performance	3	DRA 261
Ballet II (or as placed)	2	DRA 240
<b>Foundations of Musical Theater II</b>	1	<b>DRA 251</b>
Piano Instruction	1	PNO 120
<b>Vocal Tech for MT Majors II</b>	1	<b>DRA 218</b>
Dance elective	2	DRA
<b>Academic elective</b>	3	
19		

## Sophomore Year, Spring Semester

Theater Laboratory	0	DRA 090
Introduction to Scene Study	3	DRA 220
Voice/Verse Practicum	3	DRA 221
Intro to MT Performance	3	DRA 261
Academic elective	3	
Ballet II (or as placed)	2	DRA 240
Piano Instruction	1	PNO 120
Voice Instruction	1	VOC 210
Dance elective	2	DRA
18		

Theater Laboratory	0	DRA 090
Introduction to Scene Study	3	DRA 220
Voice/Verse Practicum	3	DRA 221
Intro to MT Performance	3	DRA 261
Survey of Theater History	3	DRA 352
Ballet II (or as placed)	2	DRA 240
Piano Instruction	1	PNO 120
<b>Vocal Tech for MT Majors II</b>	1	<b>DRA 218</b>
Dance elective	2	DRA
18		

## Junior Year, Fall Semester

Theater Laboratory	0	DRA 090
Musical Theater Scene Study	3	DRA 362
Dance elective	2	DRA
Drama elective	3	DRA
Academic elective	3	
Academic elective	3	

Theater Laboratory	0	DRA 090
Musical Theater Scene Study	3	DRA 362
Dance elective	2	DRA
Drama elective	3	DRA
Academic elective	3	
Academic elective	3	

Voice Instruction	1	VOC 310
		15

<b>Vocal Tech for MT Majors III</b>	<b>1</b>	<b>DRA 318</b>
		15

Junior Year, Spring Semester

Theater Laboratory	0	DRA 090
Advanced MT Repertoire	3	DRA 450
Dance elective	2	DRA
History of Musical Theater	3	DRA 453
Academic elective	3	
Academic elective	3	
Voice Instruction	1	VOC 310
		15

Theater Laboratory	0	DRA 090
Advanced MT Repertoire	3	DRA 450
Dance elective	2	DRA
History of Musical Theater	3	DRA 453
Academic elective	3	
Academic elective	3	
<b>Vocal Tech for MT Majors III</b>	<b>1</b>	<b>DRA 318</b>
		15

Senior Year, Fall Semester

Theater Laboratory	0	DRA 090
Auditioning: Musical Theater	3	DRA 462
Dance elective	2	DRA
Drama elective	3	DRA
Academic elective	3	
Voice Instruction	1	VOC 410
		12

Theater Laboratory	0	DRA 090
Auditioning: Musical Theater	3	DRA 462
Dance elective	2	DRA
Drama elective	3	DRA
Academic elective	3	
<b>Vocal Tech for MT Majors IV</b>	<b>1</b>	<b>DRA 418</b>
		12

Senior Year, Spring Semester (Tepper or Campus)

Upper level acting	3	DRA
Academic elective	3	
Academic elective	3	
Academic elective	3	
		12

Upper level acting	3	
Drama Elective	3	
Academic elective	3	
Academic elective	3	
		12

**Bachelor of Fine Arts in Theater Design and Technology**

Proposal to formalize the curricula in each of three areas, prescribing 15 credit hours for each specialization area, to be completed in the second, third and fourth year of study.

THEATER DESIGN AND TECHNOLOGY B.F.A. - 130 CREDITS CURRENT DISTRIBUTION OF CREDITS:			PROPOSED SET DESIGN DISTRIBUTION OF CREDITS		
<b>DRAMA REQUIREMENTS</b>	<b>24</b>	<b>CREDITS</b>	<b>DRAMA REQUIREMENTS</b>	<b>24</b>	<b>CREDITS</b>
TH INTRO I	3	DRA 115	TH INTRO I	3	DRA 115
TH INTRO II	3	DRA 116	TH INTRO II	3	DRA 116
DEV OF TH I	3	DRA 355	DEV OF TH I	3	DRA 355
DEV OF TH II	3	DRA 356	DEV OF TH II	3	DRA 356
DRA LIT	3	DRA	DRA LIT	3	DRA
PLAY ANALYSIS	3	DRA 515	PLAY ANALYSIS	3	DRA 515
DIRECTING	3	DRA 531	DIRECTING	3	DRA 531
ACTING	3	DRA 105	ACTING	3	DRA 105
<b>DESIGN/TECH REQUIREMENTS</b>	<b>49</b>	<b>CREDITS</b>	<b>DESIGN/TECH REQUIREMENTS</b>	<b>55</b>	<b>CREDITS</b>

MED METH MAT	3		DRD 111	MED METH MAT	3	DRD 111
DRAFTING	3		DRD 112	DRAFTING	3	DRD 112
INTRO TH DES I	3			INTRO TH DES I	3	DRD 141
INTRO TH DES II	3			INTRO TH DES II	3	DRD 142
SCENE DESIGN I	3		DRD 311	SCENE DESIGN I	3	DRD 311
COSTUME DESIGN I	3		DRD 321	COSTUME DESIGN I	3	DRD 321
LIGHTING DESIGN I	3		DRD 331	LIGHTING DESIGN I	3	DRD 331
LEVEL II DESIGN	3		DRD	SET DESIGN II	3	DRD 312
LEVEL II DESIGN	3		DRD	LEVEL II DESIGN	3	DRD
LEVEL III DESIGN	3		DRD	SET DESIGN III	3	DRD 411
INTRO TO TH CRFT I	3		DRD 140	INTRO TO TH CRFT I	3	DRD 140
INTRO TO TH CRFT II	3		DRD 240	INTRO TO TH CRFT II	3	DRD 240
THEATRE PRACTICUM #1	2			SET CONST PRACTICUM	2	DRD 316
THEATRE PRACTICUM #2	2			SC PGT PRACTICUM	2	DRD 317
THEATRE PRACTICUM #3	2			PROPS PRACTICUM	2	DRD 318
TECH SUPPORT	3			CAD FOR THEATER	3	DRD 313
EXPERIENCE	10			EXPERIENCE	10	
<b>STUDIO/FND REQUIREMENTS</b>	<b>9</b>	<b>CREDITS</b>		<b>STUDIO/FND REQUIREMENTS</b>	<b>9</b>	<b>CREDITS</b>
DRAWING I	3			DRAWING	3	
STUDIO ELECTIVE	3			ADV RENDERING	3	DRD 412
STUDIO ELECTIVE	3			STUDIO ELECTIVE	3	
<b>DRAMA SUPPORT</b>	<b>12</b>	<b>CREDITS</b>		<b>DRAMA SUPPORT</b>	<b>12</b>	<b>CREDITS</b>
STUDIO OR	3			ADV STAGECRAFT	3	DRD 441
NON-STUDIO	3			STRUCTL DES STG	3	DRD 442
ELECTIVES	3			STAGE RIGGING	3	DRD 443
	3			ELECTIVE	3	
<b>THEATRE LAB:</b>	<b>0</b>	<b>CREDITS</b>		<b>THEATRE LAB:</b>	<b>0</b>	<b>CREDITS</b>
SEVEN SEMESTERS	0	DRA 090		SEVEN SEMESTERS	0	
REQUIRED	0	DRA 090		REQUIRED	0	
<b>ACADEMIC REQUIREMENTS</b>	<b>30</b>	<b>CREDITS</b>		<b>ACADEMIC REQUIREMENTS</b>	<b>30</b>	<b>CREDITS</b>
WRT STUDIO I & II	6	WRT 105		WRT STUDIO I & II	6	
ACAD ELECTIVES	18			ACAD ELECTIVES	18	
ART HISTORY	6			ART HISTORY	6	

PROPOSED COSTUME DESIGN DISTRIBUTION OF CREDITS			PROPOSED LIGHTING DESIGN DISTRIBUTION OF CREDITS		
<b>DRAMA REQUIREMENTS</b>	<b>24</b>	<b>CREDITS</b>	<b>DRAMA REQUIREMENTS</b>	<b>24</b>	<b>CREDITS</b>
TH INTRO I	3	DRA 115	TH INTRO I	3	DRA 115
TH INTRO II	3	DRA 116	TH INTRO II	3	DRA 116
DEV OF TH I	3	DRA 355	DEV OF TH I	3	DRA 355
DEV OF TH II	3	DRA 356	DEV OF TH II	3	DRA 356
DRA LIT	3	DRA	DRA LIT	3	DRA
PLAY ANALYSIS	3	DRA 515	PLAY ANALYSIS	3	DRA 515
DIRECTING	3	DRA 531	DIRECTING	3	DRA 531
ACTING	3	DRA 105	ACTING	3	DRA 105
<b>DESIGN/TECH REQUIREMENTS</b>	<b>55</b>	<b>CREDITS</b>	<b>DESIGN/TECH REQUIREMENTS</b>	<b>55</b>	<b>CREDITS</b>
MED METH MAT	3	DRD 111	MED METH MAT	3	DRD 111
DRAFTING	3	DRD 112	DRAFTING	3	DRD 112
INTRO TH DES I	3	DRD 141	INTRO TH DES I	3	DRD 141
INTRO TH DES II	3	DRD 142	INTRO TH DES II	3	DRD 142
SCENE DESIGN I	3	DRD 311	SCENE DESIGN I	3	DRD 311
COSTUME DESIGN I	3	DRD 321	COSTUME DESIGN I	3	DRD 321
LIGHTING DESIGN I	3	DRD 331	LIGHTING DESIGN I	3	DRD 331
COSTUME DESIGN II	3	DRD 322	LIGHTING DESIGN II	3	DRD 332
LEVEL II DESIGN	3	DRD	LEVEL II DESIGN	3	DRD
COSTUME DESIGN III	3	DRD 421	LIGHTING DESIGN III	3	DRD 431
INTRO TO TH CRFT I	3	DRD 140	INTRO TO TH CRFT I	3	DRD 140
INTRO TO TH CRFT II	3	DRD 240	INTRO TO TH CRFT II	3	DRD 240
COSTUME PRACTICUM	2	DRD 327	LIGHT PRACTICUM	2	DRD 337
ADV COST PRACTICUM	2	DRD 329	THEATRE PRACTICUM #2	2	
STG MAKEUP PRACTICUM	2	DRA 328	THEATRE PRACTICUM #3	2	
STG TAILORING TECH	3	DRD 427	ADV LIGHT TECHNOLOGY	3	DRD 433
EXPERIENCE	10		EXPERIENCE	10	
<b>STUDIO/FND REQUIREMENTS</b>	<b>9</b>	<b>CREDITS</b>	<b>STUDIO/FND REQUIREMENTS</b>	<b>9</b>	<b>CREDITS</b>
DRAWING	3		DRAWING	3	
ADV RENDERING	3	DRD 412	VECTORWORKS	3	DRD 500
STUDIO ELECTIVE	3		STUDIO ELECTIVE	3	
<b>DRAMA SUPPORT</b>	<b>12</b>	<b>CREDITS</b>	<b>DRAMA SUPPORT</b>	<b>12</b>	<b>CREDITS</b>
DRAPING	3	DRD 428	STUDIO OR	3	
COST CRAFTS	3	DRD 429	NON-STUDIO	3	
ELECTIVE	3		ELECTIVES	3	
ELECTIVE	3		ELECTIVES	3	

<b>THEATRE LAB:</b>	<b>0</b>	<b>CREDITS</b>
SEVEN SEMESTERS	0	
REQUIRED	0	
<b>ACADEMIC REQUIREMENTS</b>	<b>30</b>	<b>CREDITS</b>
WRT STUDIO I & II	6	
ACAD ELECTIVES	18	
ART HISTORY	6	

<b>THEATRE LAB:</b>	<b>0</b>	<b>CREDITS</b>
SEVEN SEMESTERS	0	
REQUIRED	0	
<b>ACADEMIC REQUIREMENTS</b>	<b>30</b>	<b>CREDITS</b>
WRT STUDIO I & II	6	
ACAD ELECTIVES	18	
ART HISTORY	6	

**Maxwell School of Citizenship and Public Affairs**

**Master of Arts in Political Science**

Proposal to add a Master’s Thesis requirement to the program.

<p><b>Political Science M.A. (Current Curriculum)</b></p> <p>Required:</p> <p>The M.A. program requires completing 30 graduate credits, including, <b>One Methodology course (3 credits) selected from:</b>  <i>PSC 693 Introduction to Quantitative Political Analysis</i>  <i>PSC 694 Qualitative Political Analysis</i>  <i>PSC 796 Formal Theories of Choice</i>  <i>Or an alternative course approved by the Director of Graduate Studies.</i></p> <p>No more than 9 credits may be earned at another institution.</p> <p>There is no thesis requirement, and the degree can be earned within one year.</p> <p>Students must maintain at least a 3.0 grade point average, and their credits may include courses from other departments in the University.</p> <p><b>Total: 30 credits</b></p>	<p><b>Political Science M.A. (Proposed Curriculum)</b></p> <p>Required:</p> <p>The M.A. program requires completing 30 graduate credits, including one methodology course selected from PSC 693, PSC 694, PSC 796, or an alternative course approved by the Director of Graduate Studies. No more than 9 credits may be earned at another institution.</p> <p>Students may write a thesis (6 Credits). The choice to write a thesis must be made by the end of the first semester. The thesis topic and adviser must be approved by the Director of Graduate Studies. Whether electing to write a thesis or not, the degree can be earned within one year.</p> <p>Students must maintain at least a 3.0 grade point average, and their credits may include courses from other departments in the University. Since master’s candidates have diverse career goals, ranging from government service to teaching to working in the private sector, the department allows considerable flexibility in course selection.</p> <p><b>Total: 30 credits</b></p>
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