Continuation to CAS

Completion of CGS

To continue to CAS from CGS, you must have:

- Completed all CGS core courses and appropriate electives.
- Cumulative GPA > 2.00 (a 2.00 cumulative GPA is a strict minimum)

CAS Requirements

Students who successfully complete the two-year CGS program will have satisfied the following requirements at the College of Arts & Sciences:

- The CAS College Writing requirement (by completing CGS RH101 & RH102)
- The CAS Divisional Studies requirements in humanities, social sciences, natural sciences.

In addition, students will have to satisfy:

Courses for the major: The number of courses varies by department.

CAS Foreign Language Requirement: You will need to fulfill the foreign language requirement by successfully completing a foreign language course at the 212-level, or with a score on an AP Foreign Language Exam that awards credit for the fourth semester level or higher, or a score of 560 or above SAT foreign language subject test. See http://lang.bu.edu/documents/stu/placement_tests.html for information on taking Foreign Language Placement Exams.

CAS Mathematics Proficiency Requirement: All students in the College of Arts & Sciences must demonstrate basic mathematics skills. To fulfill this requirement you must complete one mathematics course numbered CAS MA 109 or higher. You may already have satisfied this requirement if you have achieved a score of 580 or above on your SAT math examination, a score of 3, 4, or 5 on an AP math exam, or an ACT score of 23 or above.

CAS Mathematics/Computer Science Divisional Requirement: You must take two additional math/computer science courses from the approved list of CAS divisional courses.

CAS Residence Requirement: Students should familiarize themselves with the CAS residence requirement so that they may plan the work of the last two years accordingly.

Duplicate Courses & AP Courses: CGS students should avoid enrolling in the following CAS courses that duplicate in whole or in part material covered in the CGS core curriculum. Also, when choosing CAS courses, students should avoid duplication of courses for which they will receive Advanced Placement (AP) credit.

- WR100, WR150 (CAS will grant no credit if student has completed RH101 and 102).
- PH150, PH155 (CGS students may only take one of these.)
- HI102, HI176 (CAS will grant no credit)
- SO100, SO104, SO108, SO115 (CGS students may only take three of these.)
CAS Majors

The summary below should be useful to CGS student s in choosing elective or summer school courses appropriate to their future major at CAS. It will alert students to certain CAS courses that should be avoided because they have already received equivalent credit (see below). For more detailed information on each department, please visit the CAS website at http://www.bu.edu/cas/.

Note carefully the distinctions between prerequisite, related, core, and principal courses. Most majors require some combination of these four. As noted below, the CGS program may satisfy prerequisite course requirements for some majors and related or principal courses for others. The information below should, therefore, be used in close conjunction with that contained in the Undergraduate Programs Bulletin, which specifies in full the requirements of each major. Courses taken to satisfy CAS major requirements (required, principal, core, and required related courses) must have a grade of C or higher.

Majors

- **AMERICAN & NEW ENGLAND STUDIES**: No major credit. Strongly recommended CAS AM200.
- **ANTHROPOLOGY**: Majors will receive prerequisite credit for CGS SS101 and CGS SS102 (minimum grade of “C”) as equivalent to the required introductory course: CAS AN101. Strongly recommended for prospective concentrators: AN101, AN102.
- **ARCHAEOLOGY**: No major credit. Strongly recommended for prospective majors: CASAR101, AR102.
  
  Note: AR100 does not fulfill a major requirement.
- **ASTRONOMY**: No major credit. Strongly recommended for prospective majors: CAS AS202, AS203, PY211, PY212, and MA 123, MA124. Early consultation with advisors in Astronomy is highly recommended. Extremely well-prepared students may complete the Geophysics and Planetary Sciences major in 2+ years beyond CGS, or the Astronomy major in 3 to 4 years beyond CGS. It is recommended that CGS students not elect to pursue the Astronomy and Physics major.
- **BIOLOGY**: No major credit. Prospective biology majors and pre-medical students are advised to CAS CH101 and CH102, or CH171, CH172, and/or MA121 or MA122, or BI107, BI108 (in the summer, if necessary) prior to the junior year. Students planning to attend medical school should consult advisors in the Biology department and in the Pre-Medical Advising Office (CAS B-2) for information on the sequencing of courses, and should speak with their CGS advisor about alternatives to CGS NS201 and NS202.
- **BIOCHEMISTRY, MOLECULAR BIOLOGY, AND BIOTECHNOLOGY**: No major credit. Prospective BMB majors are strongly advised to take CAS CH109 and CH110 or CH111 and CH112 (note: the second semester of chemistry must include the quantitative analytical component. CH102 does not meet this requirement) In addition, prospective majors are strongly encouraged to complete BI108 (in the summer, if necessary) before entering the second year of the BMB program.
- **CHEMISTRY**: No major credit. Required for prospective majors: CAS CH111, CH112, (or CH 109, CH110) and MA 123, MA124. If these courses in Chemistry and Mathematics are completed prior to the junior year, it is possible to complete a major in Chemistry in two more years, by taking 13 required and related courses in the next two academic years.
- **CLASSICS**: No major credit. Strongly recommended for prospective majors: CAS CL101, CL102, CL213, CL321 or CL322. Note: Majors in Classical Civilization are not required to take Latin or ancient Greek. Prospective majors in Ancient Greek, Latin, or Ancient Greek and Latin should begin study of the ancient languages as early as possible (CL111 or CL161). Please note that Ancient Greek and Latin may be used to satisfy the CAS foreign language requirement.
- **COMPUTER SCIENCE**: No major credit. Strongly recommended for prospective majors: CAS CS111, 112 and MA123. Major credit will not be given for MET computer science courses, CAS CS101 or CAS, CS103.
- **EARTH SCIENCES**: No major credit. Majors must enroll in one of the following courses CAS ES101, ES105, ES140, ES142 or ES144. (Only one of these courses may be taken for credit toward the major). The MA 123/MA124 sequence or MA127 should be taken as soon as possible.
- **ECONOMICS**: No major credit. Required for prospective majors: CAS EC101, EC102 or EC111, EC112. Required for prospective Economics/Mathematics joint majors: MA123, MA124, as well as EC101, MA102. EC101 and EC102, MA 123 and MA124 may be fulfilled by appropriate AP credit.
- **ENGLISH**: CGS HU101, HU102, HU201, and HU202 together will satisfy the CAS HU221 requirement. Also strongly recommended for prospective majors: CAS EN220
- **ENVIRONMENTAL SCIENCE**: No major credit. Strongly recommended for majors: CAS GE100, ES105, CH171, and MA123 or MA124
• **ENVIRONMENTAL ANALYSIS AND POLICY**: Strongly recommended for majors: CAS GE100, EC101, MA121 or MA123, and MA213 or EC305. Also appropriate are ES105, GE101, BI117, CH171 and PY 105.

• **HISTORY**: Majors will receive principal course credit for CAS HI102 and HI176 through completion of CGS SS102 and SS201 respectively (minimum grade of C). Strongly recommended for prospective majors: one 100- or 200-level History course-- HI232, HI152, or HI292. HI200 (required of all majors should be taken in the sophomore year).

• **HISTORY OF ART & ARCHITECTURE**: No major credit. CASAH111 or AH112 are strongly recommended, as both are required of all majors. CAS AH215, 222, or AH225 will fulfill the departmental requirement of an introductory survey in non-Western Art. CAS AH205 and AH284 are departmental electives that can be counted towards the total of 10 courses in Art History required of all majors.

• **INTERNATIONAL RELATIONS**: Majors will receive credit for CGS SS202 as a substitute for CAS HI 289 (History of International Relations) (minimum grade of C). Strongly recommended for prospective majors: EC101, followed by IR271 and EC102. However, if a student has no previous foreign language experience, or if a student is planning to study a new language, it is strongly recommended that students begin language study rather than take EC101, EC102.

• **INTERDISCIPLINARY PROGRAMS IN INTERNATIONAL RELATIONS** (East Asian, Latin American, and Russian & Eastern European Studies): No major credit. Strongly recommended for majors: completion of foreign language requirement and 300-level language study.

• **LINGUISTICS**: No major credit. Strongly recommended for majors: CAS LX250 and study of at least two foreign languages at the 200 level or above.

• **MATHEMATICS**: No major credit. Strongly recommended for prospective majors: CAS MA123, MA124.

• **MODERN LANGUAGES & COMPARATIVE LITERATURE**: No major credit. Strongly recommended for majors: completion of foreign language requirement and 300-level language study.

• **MUSIC**: No major credit. Strongly recommended for majors: CFA MU101, MU102, MU107, MU108 and completion of CAS LF212 or LG212.

• **NEUROSCIENCE**: No major credit. Strongly recommended for majors: CAS NE101 or CAS CH101.

• **PHILOSOPHY**: Majors will receive credit for CGS HU201 and HU202 (minimum grade of C) as equivalent to one principal course at the 100-level (CAS PH150 or PH155, but not both). Strongly recommended for prospective majors: PH300 and PH310, PH160 or PH360, PH350.

• **PHYSICS**: No major credit. Strongly recommended for prospective majors: CAS PY251, PY252 (or PY 211, PY212), MA123, MA124 or MA127. If these courses in Physics and Mathematics are completed prior to the junior year, it is possible to complete a major in Physics in three more years.

• **POLITICAL SCIENCE**: No major credit. Majors are also required to complete three courses from among PO core courses CAS PO211, PO241, PO251, PO271 and PO291.

• **PSYCHOLOGY**: No major credit. Strongly recommended for prospective majors: CAS PS101 and MA 115 & MA116 or PS211 (PS101 is a prerequisite for PS211 and for all other psychology courses). A maximum of three principal courses can be transfer courses; MET courses are considered transfer courses and must be approved prior to registration.

• **RELIGION**: No major credit. Strongly recommended for prospective majors: CAS RN103 and RN104.

• **ROMANCE STUDIES**: No major credit. Strongly recommended for majors: completion of foreign language requirement and 300-level language study.

• **SOCIOLOGY**: Concentrators will receive credit for CGS SS101, CGS102 (minimum grade of “C”) as equivalent to the required introductory course (CAS SO100 or SO115). Recommended for prospective concentrators: SO201 or 203, and one additional 200-level Sociology course.
Sample Programs

Sample programs for popular majors through the senior year are available in Student Services, room 211 and at http://www.bu.edu/cgs/students/fact-sheets/index.html.

Minors

In addition to the minors offered in the College of Arts & Sciences, BU's professional schools and colleges offer a number of minors. For a complete listing of minors offered, please see the Bulletin. **NOTE:** CAS does not require a minor. (Electing an optional minor may extend a student’s time to degree beyond four years.)

**CGS TO CAS PATHWAY WORKSHEET**

Continuation Requirements

- Completion of CGS
- Full-time status (12 credits or more)
- 2.0 cumulative GPA

CAS Basic Requirements

Writing

- Fulfilled by completion of CGS RH101/102

Foreign Language

- Completion of 4th-semester level of an approved language or
- SAT II 560 or higher
- AP exam score varies by language – see Advanced Credit Guide.

Mathematics

- SAT Math 580 or higher or a 23 or higher on the ACT or
- Completion of a CAS MA course numbered 109 or higher

CAS Divisional Studies Requirements

Humanities

- Fulfilled by completion of CGS HU101/102

Social Sciences

- Fulfilled by completion of CGS SS101/102

Natural Sciences/Math and Computer Science

- You must take two additional math/computer science courses from the approved list of CAS divisional courses.

**Additional Degree Requirements:** CAS courses for the major; 128 credits/32 courses (includes completed CGS courses); 2.0 cumulative GPA; CAS Residence Requirement (see Undergraduate Bulletin)