COLUMBIAN COLLEGE OF ARTS AND SCIENCES

Dean B. Vinson III
Executive Associate Dean T.A. Murphy
Associate Deans C.H. Sterling, D.H. Ullman

Since its founding in 1821, Columbian College, the original college of liberal arts and sciences of The George Washington University, has been the cornerstone of the campus community. The University awarded its first Doctor of Philosophy degree in 1888, one of the first institutions in the United States to do so. Columbian College of Arts and Sciences today houses all undergraduate and graduate programs in the arts and sciences, offering bachelor’s, master’s, and doctoral degrees and graduate certificates.

The rich and diverse arts and sciences curriculum is designed to strengthen the student’s ability to analyze the social, cultural, and physical environment and to communicate findings in an articulate fashion. These purposes are accomplished by means of the study of various disciplines within the humanities, the social sciences, and the mathematical and natural sciences.

Students may elect one of more than 50 departmental or interdisciplinary majors; they may also elect double majors or individualized degree programs. The College offers its undergraduates opportunities for pre-professional education in many fields and for internships in a stimulating urban environment. Graduate students are offered more than 40 master’s programs, 20 doctoral programs, and 15 certificate programs.

REGULATIONS

• Undergraduate Programs (p. 1)
• Graduate Programs (p. 4)

Undergraduate Programs

Columbian College offers undergraduate programs leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Fine Arts. In cooperation with the School of Medicine and Health Sciences, a seven-year integrated Bachelor of Arts/Doctor of Medicine is offered.

One hundred twenty hours of academic course work must be passed with a cumulative grade-point average of at least 2.0. Note that some courses outside Columbian College (notably lifestyle, sport, and physical activity courses) do not count toward the 120-credit requirement. General education, major, and other requirements described below must be met.

Each student must declare a major during the sophomore year. A student must declare a major not later than the registration period during the fourth full-time semester or the semester following completion of 45 credit hours, whichever comes first. A student may change the major with the consent of the dean and of the department or committee concerned; the student must meet the requirements for the new major in effect at the time the change is approved. At least 60 hours of course work must be taken outside the major-field department or major program (this does not apply to the Bachelor of Fine Arts curriculum).

General Education

The general education curriculum of Columbian College (https://advising.columbian.gwu.edu/g-pac) engages students in active intellectual inquiry across the liberal arts. Students achieve a set of learning outcomes that meaningfully enhance their analytical skills, that develop communication competencies, and that invite them to participate as responsible citizens, attentive to issues of culture, diversity, and privilege.

Course work for the general education curriculum includes 24 credits of approved analytic courses in quantitative and scientific reasoning and in critical and creative thinking. Students engage diverse viewpoints by incorporating 3 credits of courses into that program that include global or cross-cultural perspectives and 3 credits that include local/civic engagement. Students must also demonstrate written and oral communication skills through 13 credits of approved course work.

The general education curriculum is a “living curriculum” and therefore will change from year to year. Courses added to the curriculum are generally available to students immediately after being approved; some are phased in as deemed appropriate. As such, it is essential that students consult with their professional academic advisors. The basic distribution of the curriculum follows.

Analysis—3 credits in mathematics or statistics (quantitative reasoning); 6 credits in natural and/or physical laboratory sciences (scientific reasoning); 6 credits in social sciences (quantitative, scientific, critical, or creative thinking); 6 credits in humanities (critical or creative thinking); 3 credits in art: visual, performing, critical, or historical practices (critical or creative thinking).

Perspective—3 credits that include a global or cross-cultural perspective; 3 credits that include local/civic engagement

Communication—4 credits in UW 1020 University Writing; 2 Writing in the Disciplines (WID) courses; 3 credits in oral communication. Note: UW 1020 University Writing must be taken before enrolling in the WID courses, and the WID courses must be taken in separate semesters. One of the two WID courses may double count toward the Analysis and/or Perspective course work. The oral communication course may count toward the Analysis and/or Perspective requirements, or it may be met through major requirements.

Courses taken to fulfill any of the general education requirements may also be counted toward the major. With some exceptions made for transfer students, courses fulfilling
these requirements must be completed in residence at the University. A full list of approved courses is maintained by the Office of Undergraduate Studies. (http://columbian.gwu.edu/undergraduate/advising/gpac)

**Residence**

Students must complete at least 60 of the total number of credit hours required for the degree at or through the University and must complete 45 of the final 60 hours in residence in Columbian College, including at least 12 hours of upper-division course work in the major field. (Students who study abroad must complete 45 of their final 75 hours in residence. No more than 30 credit hours may be transferred through study abroad at institutions other than those affiliated with the University.) Nine of the final 15 hours must be completed in residence.

Students wishing to transfer from another division of the University into a degree program in Columbian College must have a cumulative grade-point average of at least 2.0 at the time of their last completed semester before transfer. Courses applicable to the degree taken while registered in any division of the University in the semester or summer sessions immediately prior to admission to degree candidacy in Columbian College are counted as courses in residence.

**Advising**

Students entering Columbian College are assigned a professional academic advisor (http://advising.columbian.gwu.edu) who advises them through graduation. Students partner with advisors to successfully navigate their academic careers through conversations that range from understanding University requirements to exploring possibilities for a major to finding appropriate campus resources that connect students to a community in which they feel comfortable. Students are thereby empowered to take ownership of, and responsibility for, their educational experiences. Specialized advising is provided to students interested in health professions, law, internships, and graduate programs.

Students who have not declared a major must consult with their professional advisor before registering for classes. Once students declare their major, they are also advised by a faculty member in their major department.

Students need to build a support system that ensures academic success. Professors, faculty advisors, professional advisors, tutors, and/or counselors should be part of that support system. The Writing Center offers walk-in by-appointment assistance. Personal counseling is available through the office of the Dean of Student Affairs, the Counseling Center, Disability Support Services, the Multicultural Student Services Center, and the International Services Office.

**Academic Standing**

A student who is not on semester warning, probation, or suspension is considered to be in good standing.

The following rules governing semester warning, probation, and suspension are applicable to students enrolled for a full-time program (12 credit hours or more) during the fall or spring semester. Students enrolled for fewer than 12 credits during the fall or spring semester and students enrolled during the summer sessions are subject to probation or suspension on the basis of their cumulative record, with a “semester” considered to be the time interval in which at least 12 credits have accrued.

**Semester Warning** – A first-semester student whose cumulative grade-point average is less than 2.0 will be issued a warning notice at the end of the semester and will be required to take corrective measures (e.g., limitations of course load to no more than 13 credit hours).

**Probation** – A student whose cumulative grade-point average is below 2.0 but above 1.0 after attempting a minimum of 24 credit hours is placed on probation. The course load of a student on probation may be no more than 13 credit hours. A student returns to good standing if, after a first or second semester on probation, the cumulative grade-point average is raised to 2.0 or more.

**Suspension** – The following circumstances constitute grounds for suspension:

1. a cumulative grade-point average below 1.0 after attempting a minimum of 24 credit hours;
2. failure to attain a cumulative grade-point average of 2.0 or more after two successive full-time semesters (or 24 additional credit hours attempted) on probation. Suspension will take effect at the end of the second consecutive semester under 2.0 immediately following two semesters on probation.

Once suspended, students may not register for or complete any courses in any division at The George Washington University. Suspended students may apply for readmission following completion of the term of suspension. Final dates for applying for readmission are the same as those governing undergraduate admission (see Admissions). A suspended student seeking readmission cannot apply for readmission until he or she has been away from the University for at least one semester. To be considered for readmission, a student suspended for academic reason must complete at least 12 credit hours of course work in one semester at a four year degree granting institution and maintain at least a 3.0 grade-point average. A student suspended twice for poor scholarship will not be readmitted.

**Timely Progress Toward the Degree** – Students who fail to make adequate and timely progress toward the degree, through repeated leaves of absence or repeated failure to
complete an appropriate number of credits per semester, may be dismissed from the University (see Right to Dismiss Students under University Regulations). Students dismissed on these grounds may apply for readmission after supplying sufficient evidence of academic promise.

**Dean’s List** – Students who complete 15 credit hours or more of graded course work in any one semester and attain a semester grade-point average that places them in the highest 20% of CCAS students, with no grade below B− and no grade of Incomplete or Unauthorized Withdrawal (Z), will be placed on the Dean’s List for that semester. A course taken on a Pass/No Pass basis beyond the 15-hour minimum does not affect the student’s eligibility for the Dean’s List, nor are the credit hours of such a course computed in the above figures. However, a grade of No Pass in a credit-bearing course disqualifies the student from the Dean’s List. Once established for a given semester, Dean’s List eligibility is not recomputed.

**General CCAS Policies**

**Incompletes** – Conditions under which the symbol I (Incomplete) may be assigned are described under University Regulations. In Columbian College, the conditions for granting a notation of I should be documented by a written contract between the faculty member and the student. These contracts are kept on file in the departmental office. A notation of Incomplete disqualifies the student for inclusion in the Dean’s List for the semester in which it is received.

**Changing an Incomplete** – Incomplete work must be completed as specified in the contract but no later than one calendar year from the last day of the examination period of the semester or summer session in which the symbol I was assigned. In cases of well-documented extenuating circumstances, an instructor and a student may jointly petition the dean for additional time in which to complete the work of the course. Such petitions should be submitted within a year of the assignment of the symbol I. When work for the course is completed, the grade earned will be indicated in the form of I, followed by the grade. The indication of I cannot be removed from the transcript. An Incomplete that is not changed within this period automatically becomes an IF. The symbol I cannot be changed by reregistering for the course at the University or by taking its equivalent elsewhere.

**Pass/No Pass Option** – A junior or senior student in Columbian College who is in good standing may, with the approval of the instructor and the dean, take one course a semester for a grade of P, Pass, or NP, No Pass. No student will be allowed to take more than four pass/no pass courses under this regulation. The student may, however, also receive grades of P/NP in courses that are graded P/NP only. Courses required for the College’s general education requirements or in the student’s major or minor field (including those courses required for the major that are offered by other departments) may not be taken on the pass/no pass basis. A transfer student may not choose this option until the second semester of enrollment in the University. Under no circumstances may a student change from pass/no pass status to graded status, or vice versa, after the end of the eighth week of class.

**Preliminary Placement Examinations** – All foreign language departments require students to take placement tests to determine the level of proficiency or eligibility for languages studied prior to enrollment at the University. The student is placed in an appropriate course on the basis of these tests. Students may not register for a course other than that determined by the placement test without written permission of the language department. There is no charge to the student for placement tests, and no credit (advanced standing) is awarded for courses waived as a result of these tests. Students who wish to register in MATH 1051 Finite Mathematics for the Social and Management Sciences, MATH 1220 Calculus with Precalculus, MATH 1231 Single-Variable Calculus I, or MATH 1252 Calculus for the Social and Management Sciences are required, prior to registration, to take a placement examination or to have achieved indicated scores on an SAT subject test in mathematics.

**Earning Credit by Examination** – Assuming there is no duplication of course credit earned, a maximum of 24 credit hours may be assigned for College Board Advanced Placement Tests and International Baccalaureate Higher-Level Examinations. (Credit may be granted for college-level courses taken in an approved secondary school if substantiated by satisfactory performance on these tests.)

**Waiving Introductory Courses by Examination** – Some departments in Columbian College offer periodic waiver examinations for introductory courses. Such examinations may be attempted at the option of the student; a fee is charged. Specific departments should be consulted for further details. Passing a waiver examination does not entitle a student to any credit toward the degree.

**Courses Outside Columbian College** – No more than 18 credit hours of courses in schools of the University other than Columbian College may count toward the 120 credits required for graduation with a bachelor’s degree in Columbian College. Pursuing a minor may increase the 18-hour limit, with prior permission of the dean of Columbian College. No credit toward the degree is allowed for lifestyle, sport, and physical activity courses. No more than 45 credit hours of courses completed by a student while in nondegree status may be applied toward a degree in Columbian College.

For information on naval science courses visit the Naval Reserve Officers Training Corps (http://www.gwu.edu/~navyrotc).

**Academic Work Load** – To encourage academic performance of high quality, the College limits the student’s work load. After the freshman year, a full-time student who is not on probation may take a course load of up to 19 credit hours. The 18th and all subsequent hours require additional tuition charges. A full-time student who, during the immediately preceding semester, has received no grades below B− and has earned grades of A or A− in three courses totaling at least 9 credit hours may take
prescribe a prelegal curriculum. Advice about academic preparation for law school, Columbian College does not because a broad liberal education is the best undergraduate education for those who wish to become physicians and want to integrate B.A./M.D. program has been designed for students of high ability and maturity who have decided, before applying to college, that they wish to pursue medicine. The School of Medicine and Health Sciences, a seven-year integrated program, is one option available to students.

Preparation for Medical School

A student who plans to apply to medical school fulfills the general requirements of Columbian College and may select any major in Columbian College. Advice about academic preparation for medical school is provided by the health professions advisors in the Office of Undergraduate Studies (http://columbian.gwu.edu/undergraduate/advising). For admission to most medical schools, the student must earn a bachelor’s degree that includes the following course work:

- Biology—8 credit hours of introductory biology, including laboratory. Students who receive credit for AP biology must complete 8 credit hours of upper-level biology course work, including laboratory.
- Chemistry—8 credit hours of general inorganic chemistry, including laboratory.
- Organic Chemistry—3 credit hours.
- Physics—8 credit hours, including laboratory.
- English—6 credit hours in the usual introductory English composition courses or their equivalents (fulfilled by the University Writing Program (http://www.gwu.edu/~uwp) at GW).

Many medical schools have additional entrance requirements, which may include courses in biochemistry, genetics, and mathematics; even when such courses are not required, they are strongly recommended. With the exception of the specified requirements, applicants are urged to follow their personal interests in developing their course of study.

Seven-Year Integrated Bachelor of Arts/Doctor of Medicine

In addition to the early selection program described under the School of Medicine and Health Sciences, a seven-year integrated B.A./M.D. program has been designed for students of high ability and maturity who have decided, before applying to college, that they wish to become physicians and want to accomplish that goal in a shorter amount of time. Detailed information on this program is available through Admissions (http://undergraduate.admissions.gwu.edu/seven-year-bamd).

Preparation for Law School

Because a broad liberal education is the best undergraduate preparation for law school, Columbian College does not prescribe a prelegal curriculum. Advice about academic preparation for law school is provided by the pre-law advisor in the Office of Undergraduate Studies (http://columbian.gwu.edu/undergraduate/advising).

Second Bachelor’s Degree

Columbian College graduates who wish to receive a second bachelor’s degree following graduation must satisfiy the general College requirements and the requirements of their new major and degree and must complete 30 hours in residence in Columbian College.

Graduate Programs

CCAS Regulations

CCAS provides an on-line Graduate Student Handbook (http://columbian.gwu.edu/graduate/graduatethestudenthandbook) that contains additional updated information on policies, regulations, and other matters of concern to enrolled and admitted students. It is the responsibility of the student to be aware of the information contained in both this Bulletin and the Handbook. Students should also consult departmental/program handbooks and guidelines.

Admission Requirements

A detailed description of the policies that follow is available at the Columbian College website (http://columbian.gwu.edu/graduate). Applicants must hold an undergraduate degree from an accredited institution of higher learning. Applicants should have strong academic backgrounds, usually with a major, or equivalent, in the field in which they intend to study for an advanced degree. Normally, a B average or equivalent from an accredited college is required. With evidence of special promise, such as high Graduate Record Examination scores, an applicant whose academic record falls short of a B average may be accepted on a conditional basis. Meeting the minimum requirements does not assure acceptance. The departments/programs may, and often do, set higher admission standards. Students who apply in their senior year must provide evidence of the completion of their baccalaureate work before registration is permitted. Graduate courses taken prior to admission while in nondegree status are not used in assessing admissibility to degree programs and may not be transferable into those programs.

Most programs require applicants to submit scores on the GRE general test. In addition, some programs require scores on a GRE subject test (see the Columbian College section of the graduate admissions website graduate.admissions.gwu.edu). The applicant must have the Educational Testing Service send the required score reports directly to Columbian College of Arts and Sciences. GRE scores are valid for five years.

English Language Requirements for International Students

Applicants who are not citizens of countries where English is the official language or who do not hold a degree from a regionally accredited U.S. institution of higher learning are required to submit scores from the Test of English as a
Foreign Language (TOEFL), the academic International English Language Testing System (IELTS), or the Pearson Test of English–Academic (PTE). Specified possible exemptions from this policy can be found at graduate.admissions.gwu.edu/english-language-requirements. The required minimum score for admission is 550 paper-based or 80 Internet-based on the TOEFL, an overall band score of 6.0 on the IELTS with no individual band score below 5.0, or a score of 53 on the PTE. Some programs may have higher minimum scores.

Applicants for graduate assistantships or fellowships must have a minimum score of 600 paper-based or 100 Internet-based on the TOEFL, an overall band score of 7.0 on the IELTS with no individual band score below 6.0, or a score of 68 on the PTE.

Students with the following English language test scores are exempt from taking English for Academic Purposes (EAP) courses: TOEFL, 600 paper-based or 100 Internet-based; IELTS, overall band score of 7.0 with no individual band score below 6.0; PTE, 68. Students with test scores below these minimums must register for an EAP course during their first semester. Students assigned EAP courses should anticipate additional tuition expenses as well as a possible extended period of time required to complete their degree program. EAP courses do not count toward degree requirements.

Readmission

A student who wishes to resume a graduate program that had been interrupted for a period of two years or more must file a new application form and provide supporting documentation to be considered for readmission. Readmission is not guaranteed, and the application is subject to review by the department concerned and/or the dean. The student may be required to take additional course work and qualifying examinations on the course work completed. A student who wishes to resume a graduate program that has been interrupted for a period of less than two years must petition the Department and Associate Dean. Readmission is not guaranteed.

Grades

Information on grades and computing the grade-point average is found under University Regulations (http://bulletin.gwu.edu/archives/2014-2015/university-regulations).

The symbol I (Incomplete) indicates that only a small portion of the required course work remains to be completed and that a satisfactory explanation has been given to the instructor for the student’s failure to complete the required work for a course. The conditions of the Incomplete must be detailed in a formal contract signed by the student and instructor and submitted to the department prior to recording the I. All other policies governing Incompletes are indicated under University Regulations (http://bulletin.gwu.edu/archives/2014-2015/university-regulations).

The symbol IPG (In Progress) is given for all thesis and dissertation research courses until the thesis or dissertation is completed. Upon the satisfactory completion of the thesis or dissertation, the symbol IPG is automatically changed to CR (Credit). CR may be indicated for Advanced Reading and Research courses and independent research courses.

Scholarship Requirements

Graduate students are required to maintain a minimum cumulative grade-point average of 3.0 (B) in all course work taken following admission to a graduate program in the College. This includes credit taken for combined, dual, and joint degrees but excludes prerequisite and deficiency course work. A GPA below 3.0 results in termination from the program unless the department successfully petitions the dean’s office for academic probation rather than termination. Individual departments/programs may require a higher average. Once a student has matriculated at GW, graduate course work that is taken at the University or through the Consortium and forms part of the student’s departmentally approved program of studies may be included in the grade-point average. When a grade of F is received for a course, the grade is included in the student’s grade-point average whether or not the course is repeated. Receiving a grade of F in a graduate course may be ground for probationary status or termination of degree candidacy.

A student may repeat a course in which a grade of C or above was received only when permitted to do so by the dean and the department concerned, unless the course description states that the course may be repeated for credit. A written statement of permission must be submitted for approval to the CCAS Graduate Office by the director of graduate studies. If such a course is repeated, both grades received remain on the student’s record and are included in the student’s grade-point average. The second taking of the course does not count toward degree requirements.

A graduate student may take an advanced undergraduate course for graduate credit only upon the approval of the department at the time of registration. Such approval is granted only with the provision that the student complete additional work in order to receive graduate credit.

Program of Studies

The program of studies is a formal agreement between a student and a department/program of the requirements to be met in completing a specific degree program as well as the dates by which each requirement must be completed. Students should consult their department’s director of graduate studies to outline their program of studies as soon as they begin graduate work.

Students must make sure that they are fully informed of the requirements of Columbian College of Arts and Sciences as well as the requirements of their department or program. Students who must complete additional requirements as specified in their letter of admission must consult the Director of Graduate Studies early in their first semester.
Academic Work Load
All degree candidates must be registered for a minimum of 3 credits unless they are eligible for continuing research. Full-time students register for 9 to 12 credits each fall and spring semester, half-time students for 5 to 8 credits, and part-time students for 3 or 4 credits. In the summer, full-time status requires 6 credits, half-time status, 3 credits. These credit amounts do not apply to students who have fewer than the stated number of credits remaining to complete their programs. No more than 15 credits may be taken during any one semester without permission of the department and the dean. Students who are employed more than 20 hours per week should not register for more than 6 credits in any semester.

Continuous Enrollment
All students must be continuously enrolled while working toward a degree, except during the summer sessions (unless required by the program or graduating in the summer). Students who have completed all course work and thesis or dissertation research requirements and are within CCAS deadlines must register for 1 credit of CCAS 0920 (master’s students), or 0940 (doctoral students), Continuing Research, each semester until completion of the program; the course reference numbers are found in the Schedule of Classes under Columbian College. If continuous enrollment is not maintained, the student is dropped from the degree program unless the student is registered for an approved leave of absence by the CCAS Graduate Office.

Leave of Absence
A student who, for medical or family reasons, is temporarily unable to continue the program of studies may request leave of absence for a specific period of time, not to exceed two semesters during the total period of degree candidacy. If the request is approved by the department and the CCAS Graduate Office, CCAS will register the student for a leave of absence for each semester. A leave of absence is not granted for field research or for professional or career advancement.

Graduation Requirements
All students must submit an online Application for Graduation (http://registrar.gwu.edu/online-graduation-application-instructions) early in the semester or summer session in which they intend to graduate. Students must be registered in active status in the College during the semester or summer session in which they plan to graduate. Degrees are conferred in January, May, and August. Students who have completed the requirements for a degree but have not yet been awarded the degree will be issued a letter to this effect upon request to the CCAS Graduate Office. A commencement ceremony is held annually in May.

Fellowships and Financial Aid
Many departments offer graduate assistantships and fellowships; students should check with their department/program concerning funding opportunities. Graduate assistants and University Fellows are appointed by the associate dean for graduate studies, based on department recommendations. Other kinds of sponsored and University awards are also available. Awards are based on academic excellence, and only full-time graduate degree candidates in Columbian College are eligible to be considered. Doctoral candidates may be funded for a maximum of five years, M.A. and M.S. candidates for a maximum of two years, and M.F.A. candidates for a maximum of three years.

Students applying for admission who also wish to apply for an assistantship/fellowship should submit a completed application for admission before the funding admission deadline (http://www.gwu.edu/list-graduate-programs?field_school_tid[]=523). Currently enrolled students who wish to apply for graduate student support should consult their departmental requirements. Filing the assistantship/fellowship application entitles the student to consideration for all awards available in the student’s department.

International students applying for graduate assistantships/ fellowships should refer to the International Student Financial Aid section (http://bulletin.gwu.edu/archives/2014-2015/financial-aid/#graduatetext) of this Bulletin for regulations governing the appointment of international graduate assistants.

Students who wish to apply for loans should indicate their intent to do so on the Graduate Admissions Application. Information concerning loans is contained in a booklet available from the University’s Office of Student Financial Assistance; an overview of funding opportunities is available from the University’s Office of Graduate Student Assistantships and Fellowships (http://www.gwu.edu/~fellows).

Partnerships
CCAS graduate programs have long-term partnerships with important Washington-area institutions that include the Smithsonian Institution; NIH, NIST, and other federal agencies; the Folger Shakespeare Library; the Shakespeare Theatre; and the Corcoran Gallery, Phillips Collection, and Textile Museum.

Requirements for the Master’s Degree
Unless otherwise specified, the requirements listed below are applicable to candidates for all master’s degrees offered by Columbian College of Arts and Sciences.

1. General Requirements–Minimum credit requirements follow, but it should be noted that many departments set credit requirements well above the number of credits stated here. Specific requirements appear under the name of the department or program concerned in the course listing section of this bulletin. For a master’s degree program that includes a thesis, satisfactory completion of a minimum of 30 credit hours of approved graduate work, including 6 credit hours of thesis research, is required. For a master’s degree program that does not include a thesis, the number of credit hours of approved graduate course work is determined by the department and normally consists of from 30 to 36 credit hours. Some departments offer a choice between a thesis option and a non thesis option. Undergraduate courses taken to make up
deficiencies are not counted toward program requirements or the GPA.

Upon approval, up to one-half of the required graduate work may be taken in courses offered by another degree-granting division of this University. With approval, up to one-quarter of work toward a master's degree may be taken in courses offered by the other affiliated institutions of the Consortium of Universities of the Washington Metropolitan Area. In all cases, at least one-half of the hours counting toward the master's degree must be taken after entering the program, in courses offered by Columbian College of Arts and Sciences.

Master's students have an overall four-year time limit for completion of all degree requirements.

2. Transfer of Credit—A maximum of one-quarter of the credit hours of graduate course work required for a degree may be approved for transfer to a graduate program in Columbian College from enrollment in nondegree status at GW or from another degree-granting school of this University or another accredited college or university. For a transfer of credit to be approved, all of the following conditions must be met: the course work must be from an accredited institution and must have been taken within the two years prior to matriculation; it must be approved by the department as part of the student's program of studies; it must not have been applied to the completion of requirements for another degree; it must be post-baccalaureate graduate-level course work; and the student must have received a grade of B or better in each course for which a transfer of credit is requested. Requests for transfer credit must be submitted in writing and approved by the department's director of graduate studies and the dean during the student's first year in the program. An official transcript of the course work must be on file before the request can be considered. Grades from transfer credit (including GW course taken in nondegree status) are not part of the graduate GPA.

Once enrolled in Columbian College of Arts and Sciences, students are not permitted to transfer course work taken outside the University, except under extraordinary circumstances; permission must be sought from the dean in advance.

3. Special Program Requirements—Certain programs require their degree candidates to demonstrate a reading knowledge of an appropriate foreign language or languages, a competence in quantitative methods, or some other special subject requirement. Courses taken at the undergraduate level to fulfill these requirements may not be counted in the number of graduate credit hours required for these programs.

4. Master's Comprehensive Examination—Most programs require degree candidates to pass a Master's Comprehensive Examination in the major subject. Examinations are held on dates fixed by the departments. The nature and form of the examination are the responsibility of the department or program. A student who fails to pass the Master's Comprehensive Examination may, with the approval of the department, repeat the examination at the next scheduled examination date. If the student fails a second time, no further opportunity to take the examination is permitted, and the student's degree candidacy is terminated.

5. The Thesis—The main purposes of a master's thesis are to demonstrate the student's ability to make independent use of information and training and to furnish objective evidence of constructive powers in a chosen field. The student normally registers for 6 credit hours of thesis research supervised by a director and a reader. Registration for thesis research entitles the student to the advice and direction of the member of the faculty under whom the thesis is to be written. The thesis subject must be approved by the faculty members who will direct the thesis. All theses must be submitted electronically by the stated deadlines and meet the formatting and other requirements set forth on line at http://library.gwu.edu/etds/.

Requirements for the Doctor of Philosophy Degree

The Doctor of Philosophy program is divided into two parts: precandidacy and candidacy. During precandidacy, a student completes the general requirements and the General Examination. Once admitted to candidacy, the student prepares, submits, and defends the dissertation.

The minimum requirements are as follows:

1. General Requirements—The programs leading to the degree of Doctor of Philosophy require the satisfactory completion of a minimum of 72 credit hours of approved graduate course work, including at least 12 and at most 24 hours of dissertation research. A minimum of 48 of these hours must be taken in the precandidacy stage, in preparation for the General Examination. A maximum of 12 of these hours may be taken in courses offered by the other affiliated members of the Consortium of Washington Area Universities. The exact number of credit hours required for any part of the total program is assigned by each department and may exceed the minimum required by the Columbian College.

Ph.D. students have an overall eight-year time limit for completion of all degree requirements.

2. Transfer of Credit—Entering students who hold a master's degree from an accredited institution and in a field relevant to the proposed doctoral field of study may request transfer of up to 24 hours of credit toward a doctoral degree. For those who do not hold the master's degree, a maximum of 24 hours of credit may be transferred, provided the conditions listed under The Master's Programs (Item 2) above are met. Requests for transfer credit must be submitted in writing and approved by the department and the associate dean for graduate studies during the student's first year at GW. An official transcript of the course work must be on file before the request can be
considered. Grades from transfer credit (including GW course taken in nondegree status) are not part of the graduate GPA.

3. The General Examination—The General Examination is composed of an examination in each of the areas of study comprising the student’s program. A student who fails to pass any part of the General Examination may, with the approval of the department, repeat the examination at the next scheduled examination date. If the student fails a second time, no further opportunity to take the examination is permitted, and the student’s degree candidacy is terminated.

Satisfactory performance on the General Examination is required for admission to candidacy but does not guarantee it. A department will recommend advancement to candidacy only if satisfied with the student’s performance in every aspect of the program, only after a dissertation advisor has been selected and a dissertation area determined, and only if the department is confident of the student’s ability to complete the dissertation within the allotted time.

4. The Degree of Master of Philosophy—Upon departmental recommendation and approval of the dean, the degree of Master of Philosophy may be awarded to students who have been advanced to candidacy and successfully completed all requirements for the Doctor of Philosophy degree up to and including the General Examination. Not all departments recommend students for this degree. Students requesting the M.Phil. must submit an application for graduation. The degree is not automatically conferred upon advancing to candidacy.

5. The Dissertation and Final Examination—A dissertation directed or co-directed by a member of the GW faculty is required of each doctoral candidate as evidence of ability to perform scholarly research and interpret its results. The student normally enrolls for 12 to 24 hours of dissertation research after admission to candidacy. Dissertation Research must be taken in units of no less than 3 credits per semester.

When the dissertation has been approved by the director and the members of the Dissertation Research Committee, the candidate takes the Final Examination (the defense). A committee of examiners composed of Columbian College faculty and outside scholars conducts the examination. If the candidate passes, he or she is recommended to Columbian College for the degree of Doctor of Philosophy. The dissertation must be submitted electronically by the stated deadline and meet the formatting and other requirements set forth at http://library.gwu.edu/etds/.

Doctor of Medicine/Doctor of Philosophy Dual Degree Program

A dual degree program is available to qualified students who seek both the Doctor of Medicine and Doctor of Philosophy degrees. The requirements that must be fulfilled for both degrees are identical to those currently and separately established in the School of Medicine and Health Sciences and Columbian College of Arts and Sciences. A student working toward these degrees may apply a maximum of 24 credit hours of approved course work in the School of Medicine and Health Sciences toward the Doctor of Philosophy degree. The estimated time for the completion of this dual program is six years. In order to enter the dual degree program, a prospective student must apply for and gain admission both to Columbian College and to the School of Medicine and Health Sciences separately through established procedures. Upon admission to both schools, the student may then apply for affiliation with the dual degree program.

Fellowships and Financial Aid

Many departments offer graduate assistantships and fellowships; students should check with their department concerning funding opportunities. Graduate assistants and University Fellows are appointed by the associate dean for graduate studies, based on department recommendations. Other kinds of sponsored and University awards are also available. Awards are based on academic excellence, and only full-time graduate degree candidates in Columbian College are eligible to be considered. Doctoral candidates receive preference in the awarding of full graduate teaching assistantship/fellowship packages. Doctoral candidates may be funded for a maximum of five years, M.A. and M.S. candidates for a maximum of two years, and M.F.A. candidates for a maximum of three years.

Students applying for admission who also wish to apply for a fellowship should submit a completed application for admission by January 5. Currently enrolled students who wish to apply for fellowships should consult their departmental requirements. Filing the fellowship application entitles the student to consideration for all awards available in the student’s department.

International students applying for teaching assistantships should refer to Financial Aid, International Students, for regulations governing the appointment of international graduate teaching assistants.

Students who wish to apply for loans should indicate their intent to do so on the Graduate Admissions Application. Information concerning loans is contained in a booklet available from the University’s Office of Student Financial Assistance; an overview of funding opportunities is available from the University’s Office of Graduate Student Assistantships and Fellowships (http://www.gwu.edu/~fellows).

Partnerships

CCAS graduate programs have long-term partnerships with important Washington-area institutions that include the Smithsonian Institution; NIH, NIST, and other federal agencies; the Folger Shakespeare Library; the Shakespeare Theatre; and the Corcoran Gallery, Phillips Collection, and Textile Museum.
MAJORS

Undergraduate Majors

The Columbian College of Arts and Sciences offers the bachelors degrees listed below.

All fields listed below (except biological anthropology, biophysics, and statistics) may lead to the Bachelor of Arts degree. In addition to the fields listed here, students may pursue a Bachelor of Fine Arts in interior architecture and design.

- Archaeology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/archaeology/ba)
- Art History (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/ba-art-history)
- Art History and Fine Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/ba-combined-art-history-fine-arts)
- Biology, Bachelor of Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biological-sciences/ba-biology)
- Biology, Bachelor of Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biological-sciences/bs-biology)
- Economics, Bachelor of Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/economics/ba)
- Economics, Bachelor of Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/economics/bs)
- Environmental Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/environmental-studies/ba)
- Fine Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/ba-fine-arts)
- Geography (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/geography/ba)
- Geological Sciences, Bachelor of Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/geological-sciences/ba)
- Geological Sciences, Bachelor of Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/geological-sciences/bs)
- German Language and Literature (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/romance-german-slavic-languages-literatures/ba-german-language-literature)
- History (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/history/ba)
- Interior Architecture and Design, Bachelor of Fine Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/interior-architecture-design/bfa)
- Mathematics, Bachelor of Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/ba)
- Mathematics, Bachelor of Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/bs)
Majors are outlined under each department's heading in this prescribed curricula and minimum specific requirements for that can be internal to the home department or external to Major programs are defined by a set of required courses.

- Sociology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/sociology/ba)
- Political Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/political-science/ba)
- Political Science: Public Policy Focus (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/political-science/ba-public-affairs)
- Psychology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/psychology/ba)
- Philosophy (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/philosophy/ba)

Double Majors
Students who complete the requirements of two majors in Columbian College (such as mathematics and physics or history and economics) may graduate with a double major. Consult with advisors in the two departments concerned before officially declaring both majors with the Office of Undergraduate Studies (http://columbian.gwu.edu/undergraduate/advising).

A Columbian College student may pursue a second major in the School of Business, the School of Engineering and Applied Science, or the Elliott School of International Affairs provided that permission to do so has been obtained from the appropriate administrative office. Students in other schools may also take a second major in Columbian College. Students wishing to pursue one of these options must request approval through the appropriate department and Columbian College’s Office of Undergraduate Studies. In all cases, students must complete the general education requirements and a major in their home school in order to graduate.

Double majors do not result in two degrees. See Double Majors and Double Degrees under University Regulations.

Special Interdisciplinary Majors
A student may propose a special interdisciplinary major, in consultation with appropriate academic advisors. The proposed major must have valid and clearly defined academic goals to be considered for approval. Only students with a 3.0 or better cumulative grade-point average are eligible to propose a special interdisciplinary major. The proposal must be submitted for approval by the end of the fourth semester or the semester following completion of 45 credit hours, whichever comes first.
Approval of the proposed major rests with the Committee on Undergraduate Studies, (http://columbian.gwu.edu/undergraduate/advising) which must also approve the proposed name of the major and the composition of the committee that will oversee it. At least 45 credit hours of the major must be completed in Columbian College. Because of the broad scope of an interdisciplinary program, it may not be part of a double major although students are allowed to declare a minor with approval of the Committee on Undergraduate Studies.

At the discretion of the committee overseeing the major, the student must either write an acceptable senior thesis or pass a comprehensive examination in the last semester of study toward the degree. Students may apply for Special Honors by registering for CCAS 4191 Special Interdisciplinary Major Capstone. To be eligible, students must meet the requirements for Special Honors stated under University Regulations, must have a cumulative grade-point average of at least 3.5, and must receive a Pass With Distinction from all members of the major committee on the final project or thesis.

MINORS

Minors

Students who wish to familiarize themselves with a field outside their major may graduate with a minor in addition to the major. Not all Columbian College departments offer undergraduate minors; the requirements prescribed by those that do are listed under the department concerned. A student interested in a minor should consult a faculty advisor in the applicable department and declare both major and minor programs through the Office of Undergraduate Studies. Students may pursue at most two minors.

At least one-half of the course work required for a minor must be done in residence. Grades of C− or better must be earned in upper-division courses, including such courses transferred as advanced standing from another institution. Courses passed with a grade below C− may be used to fulfill a minor field curricular requirement but may not be counted toward the total number of credit hours required for the minor.

Columbian College students can pursue minors in other schools of the University, as well as those in naval science and in sustainability. Note that Columbian College students are limited in the number of hours they may take in courses outside the College (“professional credit” courses). Refer to Courses Outside Columbian College.

Columbian College offers minors in the following fields:

- Arabic and Hebrew Languages and Cultures (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/classical-near-eastern-languages-civilizations/minor-arabic-hebrew-languages-cultures)
- Art History (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/minor-art-history)
- Art History and Fine Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/combined-minor-art-history-fine-arts)
- Chemistry (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/chemistry/minor)
- Creative Writing (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/english/minor-creative-writing)
- Film Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/film-studies/minor)
- Fine Arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/minor-fine-arts)
• Geography (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/geography/minor)
• Geological Sciences (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/geological-sciences/minor)
• German Language and Literature (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/romance-german-slavic-languages-literatures/minor-german-language-literature)
• History (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/history/minor)
• Italian Language and Literature (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/romance-german-slavic-languages-literatures/minor-italian-language-literature)
• Jazz Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/music/minor-jazz-studies)
• Judaic Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/judaic-studies/minor)
• LGBT and Sexuality Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/womens-studies/minor-lgbt-sexuality-studies)
• Linguistics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/linguistics/minor)
• Logic (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/philosophy/minor-logic)
• Mathematics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/minor)
• Music (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/music/minor)

• Organizational Communication (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/organizational-sciences-communication/minor-organizational-communication)
• Peace Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/peace-studies/minor-peace-studies)
• Philosophy (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/philosophy/minor)
• Physics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/physics/minor)
• Political Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/political-science/minor)
• Psychology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/psychology/minor)
• Sociocultural Anthropology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/anthropology/minor-sociocultural-anthropology)
• Sociology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/sociology/minor)
• Spanish and Latin American Languages, Literatures, and Cultures (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/romance-german-slavic-languages-literatures/minor-spanish-latin-american-languages-literatures-cultures)
• Speech and Hearing Science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/speech-hearing-science/minor)
• Theatre (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/theatre-dance/minor-theatre)
• Women’s Studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/womens-studies/minor)

**MASTER’S**

Columbian College of Arts and Sciences offers the following Master degrees.

• Master of Arts in the field of American studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/american-studies/ma)
• Master of Arts in the field of anthropology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/anthropology/ma)
• Master of Arts in the field of art history (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/ma-art-history)
• Master of Arts in the field of art therapy (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/art-therapy/ma)
• Master of Arts in the field of art therapy practice (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/art-therapy/ma-practice)
• Master of Arts in the field of criminology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/sociology/ma-criminology)
• Master of Arts in the field of economics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/economics/ma)
• Master of Arts in the field of English (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/english/ma-english-american-literature)
• Master of Arts in the field of environmental resource policy (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/environmental-resource-policy/ma)
• Master of Arts in the field of forensic psychology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/professional-psychology/ma-forensic-psychology)
• Master of Arts in the field of leadership education and development (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/leadership-education-and-development)
• Master of Arts in the field of legal institutions and theory (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/ma-legal-institutions-theory)
• Master of Arts in the field of mathematics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/ma-ms)
• Master of Arts in the field of media and public affairs (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/media-public-affairs/ma)
• Master of Arts in the field of museum studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/museum-studies/ma)
• Master of Arts in the field of organizational sciences (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/organizational-sciences-communication/ma-organizational-sciences)
• Master of Arts in the field of philosophy (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/philosophy/ma)
• Master of Arts in the field of political science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/political-science/ma)
• Master of Arts in the field of public policy with a concentration in women's studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/womens-studies/ma-public-policy)
• Master of Arts in the field of sociology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/sociology/ma)
• Master of Arts in the field of speech-language pathology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/speech-hearing-science/ma-speech-language-pathology)
• Master of Arts in the field of women's studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/womens-studies/ma-public-policy)
• Master of Fine Arts in the field of classical acting (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/classical-acting/mfa)
• Master of Fine Arts in the field of dance (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/theatre-dance/mfa-dance)
• Master of Fine Arts in the field of fine arts (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/fine-arts-art-history/mfa)
• Master of Fine Arts in the field of interior architecture and design (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/interior-architecture-design/mfa)
• Master of Fine Arts in the field of production design (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/theatre-dance/mfa-production-design)
• Master of Forensic Sciences (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/forensic-sciences/ma)
• Master of Public Administration (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/public-policy-administration/mpp)
• Master of Public Policy (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/public-policy-administration/mpa)
• Master of Science in the field of applied mathematics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/ma-ms)
• Master of Science in the field of biological sciences (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biological-sciences/ms)
General Requirements

Minimum credit requirements follow, but it should be noted that many departments set credit requirements well above the number of credits stated here. Specific requirements appear under the name of the department or program concerned in the bulletin. For a master’s degree program that includes a thesis, satisfactory completion of a minimum of 30 credit hours of approved graduate work, including 6 credit hours of thesis research, is required. For a master’s degree program that does not include a thesis, the number of credit hours of approved graduate course work is determined by the department. Some departments offer a choice between a thesis option and a non thesis option. Undergraduate courses taken without additional graduate-level work, deficiency coursework, and EAP courses are not counted toward program requirements or the GPA.

Upon approval, up to one-half of the required graduate work may be taken in courses offered by another department or program concerned in the bulletin. For a master’s degree program that includes a thesis, the student's degree candidacy is terminated.

Requests for transfer credit must be submitted in writing and approved by the department’s director of graduate studies and the dean during the student’s first year in the program. An official transcript of the course work must be on file before the request can be considered. Grades from transfer credit are not part of the graduate GPA, except in the case of approved non-degree GW credits.

Once enrolled in Columbian College of Arts and Sciences, students are not permitted to transfer course work taken outside the University, except under extraordinary circumstances; permission must be sought from the associate dean and DGS in advance.

Special Program Requirements

Certain programs require their degree candidates to demonstrate a reading knowledge of an appropriate foreign language or languages, a competence in quantitative methods, or some other special subject requirement. Courses taken at the undergraduate level to fulfill these requirements may not be counted in the number of graduate credit hours required for these programs.

Master’s Comprehensive Examination

Most programs require degree candidates to pass a Master’s Comprehensive Examination in the major subject. Examinations are held on dates fixed by the departments. The nature and form of the examination are the responsibility of the department or program. A student who fails to pass the Master’s Comprehensive Examination may, with the approval of the department, repeat the examination at the next scheduled examination date. If the student fails a second time, no further opportunity to take the examination is permitted, and the student's degree candidacy is terminated.

The Thesis

The main purposes of a master’s thesis are to demonstrate the student's ability to make independent use of information
and training and to furnish objective evidence of constructive powers in a chosen field. The student normally registers for 6 credit hours of thesis research supervised by a director and a reader. Registration for thesis research entitles the student to the advice and direction of the member of the faculty under whom the thesis is to be written. The thesis subject must be approved by the faculty members who will direct the thesis. All theses must be submitted electronically by the stated deadlines and meet the formatting and other requirements set forth on the Electronic Theses and Dissertation (http://library.gwu.edu/etds) webpage.

DOCTORAL

Doctoral degrees
• Doctor of Philosophy (p. 15)
• Doctor of Psychology (p. 16)

Doctor of Philosophy program
Columbian College of Arts and Sciences offers the following Doctor of Philosophy degrees
• Doctor of Philosophy in the field of American studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/american-studies/phd)
• Doctor of Philosophy in the field of anthropology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/anthropology/phd)
• Doctor of Philosophy in the field of biological sciences (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biological-sciences/phd)
• Doctor of Philosophy in the field of biochemistry and systems biology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biomedical-sciences/phd-biochemistry-systems-biology)
• Doctor of Philosophy in the field of microbiology and immunology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biomedical-sciences/phd-microbiology-immunology)
• Doctor of Philosophy in the field of molecular medicine (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biomedical-sciences/phd-molecular-medicine)
• Doctor of Philosophy in the field of biostatistics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/biostatistics/phd)
• Doctor of Philosophy in the field of chemistry (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/chemistry/phd)
• Doctor of Philosophy in the field of economics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/economics/phd)
• Doctor of Philosophy in the field of English (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/english/phd-english-american-literature)
• Doctor of Philosophy in the field of history (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/history/phd)
• Doctor of Philosophy in the field of American religious history (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/history/phd-american-religious-history)
• Doctor of Philosophy in the field of hominid paleobiology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/hominid-paleobiology/phd)
• Doctor of Philosophy in the field of mathematics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/phd)
• Doctor of Philosophy in the field of physics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/physics/phd)
• Doctor of Philosophy in the field of political science (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/political-science/phd)
• Doctor of Philosophy in the field of psychology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/psychology/phd)
• Doctor of Philosophy in the field of public policy and administration (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/public-policy-administration/phd)
• Doctor of Philosophy in the field of statistics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/statistics/phd)

The Doctor of Philosophy program is divided into two parts: precandidacy and candidacy. During precandidacy, a student completes the general requirements and the General Examination. Once admitted to candidacy, the student prepares, submits, and defends the dissertation.

General Requirements
The programs leading to the degree of Doctor of Philosophy require the satisfactory completion of a minimum of 72 credit hours of approved graduate course work, including at least 12 and at most 24 hours of dissertation research. A minimum of 48 of these hours must be taken in the precandidacy stage, in preparation for the General Examination. A maximum of 12 of these hours may be taken in courses offered by the other affiliated members of the Consortium of Washington Area Universities. The exact number of credit hours required for any part of the total program is assigned by each department and may exceed the minimum required by the Columbian College. Ph.D. students have an overall eight-year time limit for completion of all degree requirements.

Transfer of Credit
Entering students who hold a master’s degree from an accredited institution and in a field relevant to the proposed doctoral field of study may request transfer of up to 24 hours of credit toward a doctoral degree. For those who do not hold
The student normally enrolls for 12 to 24 hours of dissertation ability to perform scholarly research and interpret its results. The dissertation directed or co-directed by a member of the GW faculty is required of each doctoral candidate as evidence of faculty is required of each doctoral candidate as evidence of ability to perform scholarly research and interpret its results. If satisfied with the student's performance in every aspect of the program, only after a dissertation advisor has been selected and a dissertation area determined, and only if the department is confident of the student's ability to complete the dissertation within the allotted time.

The General Examination
The General Examination is composed of an examination in each of the areas of study comprising the student's program. A student who fails to pass any part of the General Examination may, with the approval of the department, repeat the examination at the next scheduled examination date. If the student fails a second time, no further opportunity to take the examination is permitted, and the student's degree candidacy is terminated. Satisfactory performance on the General Examination is required for admission to candidacy but does not guarantee it. A department will recommend advancement to candidacy only if satisfied with the student's performance in every aspect of the program, only after a dissertation advisor has been selected and a dissertation area determined, and only if the department is confident of the student's ability to complete the dissertation within the allotted time.

The Degree of Master of Philosophy
Upon departmental recommendation and approval of the dean, the degree of Master of Philosophy may be awarded to students who have been advanced to candidacy and successfully completed all requirements for the Doctor of Philosophy degree up to and including the General Examination. Not all departments recommend students for this degree. Students requesting the M.Phil. must submit an online application for graduation (http://registrar.gwu.edu/online-graduation-application-instructions). The degree is not automatically conferred upon advancing to candidacy.

The Dissertation and Final Examination
A dissertation directed or co-directed by a member of the GW faculty is required of each doctoral candidate as evidence of ability to perform scholarly research and interpret its results. The student normally enrolls for 12 to 24 hours of dissertation research after admission to candidacy. Dissertation Research must be taken in units of no less than 3 credits per semester. When the dissertation has been approved by the director and the members of the Dissertation Research Committee, the candidate takes the Final Examination (the defense). A committee of examiners composed of Columbian College faculty and outside scholars conducts the examination. If the candidate passes, he or she is recommended to Columbian College for the degree of Doctor of Philosophy. The dissertation must be submitted electronically by the stated deadline and meet the formatting and other requirements set forth on the Electronic Theses and Dissertations website (http://library.gwu.edu/etds).

The Doctor of Medicine/Doctor of Philosophy Dual Degree Program
A dual degree program is available to qualified students who seek both the Doctor of Medicine and Doctor of Philosophy degrees. The requirements that must be fulfilled for both degrees are identical to those currently and separately established in the School of Medicine and Health Sciences and Columbian College of Arts and Sciences. A student working toward these degrees may apply a maximum of 24 credit hours of approved course work in the School of Medicine and Health Sciences toward the Doctor of Philosophy degree. The estimated time for the completion of this dual program is six years. In order to enter the dual degree program, a prospective student must apply for and gain admission both to Columbian College and to the School of Medicine and Health Sciences separately through established procedures. Upon admission to both schools, the student may then apply for affiliation with the dual degree program.

The Doctor of Psychology program
Columbian College of Arts and Sciences offers the following Doctor of Psychology degree:

- Doctor of Psychology in the field of professional psychology
  (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/professional-psychology/psyd-clinical-psychology)

General Requirements
The program leading to the degree of Doctor of Psychology requires the satisfactory completion of a minimum of 83 credit hours of approved graduate work. A maximum of 12 credit hours may be taken in courses offered by the other affiliated members of the Consortium of Universities. Doctor of Psychology students have an overall five-year time limit for completion of all degree requirements.

Transfer of Credit
Provisions are the same as those of the Doctor of Philosophy Program, above, except that up to 27 credits may be transferred into the program.
The General Examination
Each student is required to complete the General Examination no later than the beginning of the final semester of the program. A student who fails to pass any part of the General Examination may, in exceptional circumstances, and with the approval of the program, repeat the examination at the next scheduled examination date. If the student fails a second time, no further opportunity to take the examination is permitted, and the student’s degree candidacy is terminated.

The Degree of Master of Psychology
Students who have earned 53 credits toward the Psy.D. may receive the M.Psy. degree. Further information on the requirements of the Doctor of Psychology degree appears under Professional Psychology (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/professional-psychology). Students requesting the MPsy degree must submit an online application for graduation (http://registrar.gwu.edu/online-graduation-application-instructions). The degree is not automatically conferred after completion of 53 credits.

CERTIFICATES

Graduate certificate programs
Columbian College of Arts and Sciences offers a range of graduate certificate programs. Departments and programs offering graduate certificates are indicated in italics below.

- Graduate certificate in anatomical and (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/anatomy/certificate-anatomical-translational-sciences) translational sciences - Institute of Biomedical Sciences (15 credits)
- Graduate certificate in budget and public finance - Public Policy and Public Administration (12 credits)
- Graduate certificate in documentary filmmaking (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/media-public-affairs/#certificatetext) - Media and Public Affairs (9 credits)
- Graduate certificate in exhibit design (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/museum-studies/#certificatetext) - Museum Studies (18 credits)
- Graduate certificate in financial mathematics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/#certificatetext) - Mathematics (12 credits)
- Graduate certificate in forensic investigation (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/forensic-sciences/certificate-forensic-investigation) - Forensic Sciences (15 credits)

- Graduate certificate in geographical information systems (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/geography/certificate-geographical-information-systems) - Geography (12 credits)
- Graduate Certificate in LGBT health policy and practice (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/professional-psychology/certificate-lgbt-health-policy-practice) - Professional Psychology (12 credits)
- Graduate certificate in mathematics (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/mathematics/#certificatetext) - Mathematics (12 credits)
- Graduate certificate in museum collections management and care (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/museum-studies/#certificatetext) - Museum Studies, online (12 credits)
- Graduate certificate in museum studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/museum-studies/#certificatetext) - Museum Studies (18 credits)
- Graduate certificate in nonprofit management (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/public-policy-administration/certificate-nonprofit-management) - Trachtenberg School of Public Policy and Public Administration (12 credits)
- Graduate certificate in women’s studies (http://bulletin.gwu.edu/archives/2014-2015/arts-sciences/womens-studies/certificate) - Women’s Studies (12 credits)

Admission
Certificate students are not automatically admitted to a master’s or doctoral program; they must submit an application for admission, meet the admission requirements, and be admitted to the degree program.

With departmental and Columbian College approval, students may concurrently register for a certificate and another Columbian College degree. If the certificate is conferred by another school, students must secure permission from both schools and apply and be admitted to both schools.

Certificate Completion
The Columbian College of Arts and Sciences requires all certificate candidates, both full-time and part-time, to complete all academic requirements within a maximum of three calendar years from admission.

To be eligible for a Graduate Certificate, students must complete all course requirements with a minimum GPA of 3.0, with no grades of F.
Transfer of Credit
All courses transferred in to a graduate certificate program must meet the following conditions:

- the course work must be from an accredited institution and must have been taken within the two years prior to matriculation;
- it must be approved by the department as part of the student's program of studies;
- it must be post-baccalaureate graduate-level course work;
- the course must have received a grade of B or better.

In addition, the following restrictions apply:

- at most one course from outside GW can be transferred in;
- at most two courses that have been used toward a previously completed CCAS program can be transferred in;
- no course may count toward more than one certificate.

Requests for transfer credit must be submitted in writing and approved by the department's director of graduate studies and the dean during the student's first year in the program. An official transcript of the course work must be on file before the request can be considered. Grades from transfer credit are not part of the graduate GPA.

Once enrolled in Columbian College of Arts and Sciences, students are not permitted to transfer course work taken outside the University, except under extraordinary circumstances; permission must be sought from the dean in advance.

COURSES
Explanation of Course Numbers

- Courses in the 1000s are primarily introductory undergraduate courses
- Those in the 2000-4000s are upper-division undergraduate courses that can also be taken for graduate credit with permission and additional work
- Those in the 6000s and 8000s are for master's, doctoral, and professional-level students
- The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office
- Arabic (ARAB) (http://bulletin.gwu.edu/archives/2014-2015/courses/arab)
- Anthropology (ANTH) (http://bulletin.gwu.edu/archives/2014-2015/courses/anth)
- Art Therapy (ARTH) (http://bulletin.gwu.edu/archives/2014-2015/courses/arth)
- Biochemistry and Molecular Medicine (BIOC) (http://bulletin.gwu.edu/archives/2014-2015/courses/bioc)
- Biological Sciences (BISC) (http://bulletin.gwu.edu/archives/2014-2015/courses/bisc)
- Biomedical Sciences (BMSC) (http://bulletin.gwu.edu/archives/2014-2015/courses/bmsc)
- Biostatistics (BIOS) (http://bulletin.gwu.edu/archives/2014-2015/courses/bios)
- Columbian College of Arts and Sciences (CCAS) (http://bulletin.gwu.edu/archives/2014-2015/courses/ccas)
- East Asian Languages and Literature (EALL) (http://bulletin.gwu.edu/archives/2014-2015/courses/eall)
- Film Studies (FILM) (http://bulletin.gwu.edu/archives/2014-2015/courses/film)
- Forensic Sciences (FORS) (http://bulletin.gwu.edu/archives/2014-2015/courses/fors)
- French (FREN) (http://bulletin.gwu.edu/archives/2014-2015/courses/fren)
- Germanic Language and Literature (GER) (http://bulletin.gwu.edu/archives/2014-2015/courses/ger)
- Greek (GREK) (http://bulletin.gwu.edu/archives/2014-2015/courses/grek)
• Hebrew (HEBR) (http://bulletin.gwu.edu/archives/2014-2015/courses/hebr)
• History (HIST) (http://bulletin.gwu.edu/archives/2014-2015/courses/hist)
• Hominid Paleobiology (HOMP) (http://bulletin.gwu.edu/archives/2014-2015/courses/homp)
• Human Services and Social (HSSJ (http://bulletin.gwu.edu/archives/2014-2015/courses/hssj))
• Italian (ITAL) (http://bulletin.gwu.edu/archives/2014-2015/courses/ital)
• Judiac Studies (JSTD) (http://bulletin.gwu.edu/archives/2014-2015/courses/jstd)
• Korean (KOR) (http://bulletin.gwu.edu/archives/2014-2015/courses/kor)
• Latin (LATN) (http://bulletin.gwu.edu/archives/2014-2015/courses/latn)
• Linguistics (LING) (http://bulletin.gwu.edu/archives/2014-2015/courses/ling)
• Mathematics (MATH) (http://bulletin.gwu.edu/archives/2014-2015/courses/math)
• Museum Studies (MSTD) (http://bulletin.gwu.edu/archives/2014-2015/courses/mstd)
• Music (MUS) (http://bulletin.gwu.edu/archives/2014-2015/courses/mus)
• Organizational Sciences (ORSC) (http://bulletin.gwu.edu/archives/2014-2015/courses/orsc)
• Peace Studies (PSTD) (http://bulletin.gwu.edu/archives/2014-2015/courses/pstd)
• Persian (PERS) (http://bulletin.gwu.edu/archives/2014-2015/courses/pers)
• Philosphy (PHIL) (http://bulletin.gwu.edu/archives/2014-2015/courses/phil)
• Physics (PHYS) (http://bulletin.gwu.edu/archives/2014-2015/courses/phys)
• Political Science (PSC) (http://bulletin.gwu.edu/archives/2014-2015/courses/psc)
• Portuguese (PORT) (http://bulletin.gwu.edu/archives/2014-2015/courses/port)
• Professional Psychology (PSYD) (http://bulletin.gwu.edu/archives/2014-2015/courses/psyd)
• Psychology (PSYC) (http://bulletin.gwu.edu/archives/2014-2015/courses/psyc)
• Public Policy and Public Administration (PPPA) (http://bulletin.gwu.edu/archives/2014-2015/courses/pppa)
• Religion (REL) (http://bulletin.gwu.edu/archives/2014-2015/courses/rel)
• Romance Literatures (ROM) (http://bulletin.gwu.edu/archives/2014-2015/courses/rom)
• School of Media and Public Affairs (SMPA) (http://bulletin.gwu.edu/archives/2014-2015/courses/smpa)
• Slavic Language and Literature (SLAV) (http://bulletin.gwu.edu/archives/2014-2015/courses/slav)
• Sociology (SOC) (http://bulletin.gwu.edu/archives/2014-2015/courses/soc)
• Spanish (SPAN) (http://bulletin.gwu.edu/archives/2014-2015/courses/span)
• Speech and Hearing Science (SPHR) (http://bulletin.gwu.edu/archives/2014-2015/courses/sphr)
• Statistics (STAT) (http://bulletin.gwu.edu/archives/2014-2015/courses/stat)
• Theatre and Dance (TRDA) (http://bulletin.gwu.edu/archives/2014-2015/courses/trda)
• Turkish (TURK) (http://bulletin.gwu.edu/archives/2014-2015/courses/turk)
• University Writing (UW) (http://bulletin.gwu.edu/archives/2014-2015/courses/uw)
• Vietnamese (VIET) (http://bulletin.gwu.edu/archives/2014-2015/courses/viet)
• Women’s Studies (WSTU) (http://bulletin.gwu.edu/archives/2014-2015/courses/wstu)
• Yiddish (YDSH) (http://bulletin.gwu.edu/archives/2014-2015/courses/ydsh)