The George Washington University School of Medicine and Health Sciences is dedicated to improving the health of our local, national, and global communities by:

- **Educating** a diverse workforce of tomorrow’s leaders in medicine, science, and health sciences;
- **Healing** through innovative and compassionate care;
- **Advancing** biomedical, translational, and health services delivery research with an emphasis on multidisciplinary collaboration; and
- **Promoting** a culture of excellence through inclusion, service, and advocacy.

As a globally recognized academic medical center, GW embraces the challenge of eliminating health disparities and transforming health care to enrich and improve the lives of those we serve.

The School of Medicine and Health Sciences offers a broad range of undergraduate and graduate programs in medicine and health sciences. For information about the medical programs, please refer to the medicine and health sciences website (http://smhs.gwu.edu).

GW Health Sciences (http://smhs.gwu.edu/academics/health-sciences) is comprised of three academic departments: Clinical Research and Leadership (http://smhs.gwu.edu/crl), Physician Assistant Studies (http://smhs.gwu.edu/pas), and Physical Therapy and Health Care Sciences (http://smhs.gwu.edu/pths). All Health Sciences academic programs are housed within these departments. GW Health Sciences programs prepare professionals for roles in selected specialties within health care. These programs emphasize the interdependent roles and responsibilities of the network of health professionals who bring a variety of skills and expertise to health care practice, research and leadership. The mission of GW Health Sciences is built upon five tenets:

1. Interdisciplinary education provides a foundation for the future of health care delivery and generates collaborative structure and models for benchmarking and improvement;
2. Clinical training is a foundation for professional development in clinical practice;
3. Community service learning applies to communities broadly and is an important component of education for the transformation of communities of practice, research, and access in health care;
4. GW Health Sciences is uniquely positioned to cultivate leadership capacity development within the health sciences, medical, and scientific communities that we serve; and
5. Scholarship among faculty, staff, and students alike contribute to the process of new knowledge creation and are a foundation for advancing translational science in health care.

## REGULATIONS

### Admission

To be considered for admission, applicants must submit a completed application form online, together with all required supporting documentation and a non-refundable application fee.

Bachelor of Science in Health Sciences (BSHS) programs are designed for upper-division transfer students; applicants are expected to have completed a minimum of 60 credit hours of coursework from a regionally accredited post-secondary institution prior to entry. Applicants to the post-baccalaureate and graduate programs must hold a bachelor’s degree from a regionally accredited college or university.

Official transcripts must be submitted from each academic institution attended, regardless of whether credit was earned or is desired. The transcript(s) must indicate a minimum cumulative grade-point average of 2.5 on a scale of 4.0 for undergraduate and post-baccalaureate applicants, and a 3.0 on a scale of 4.0 for graduate students, with the exception of the BSHS in Pharmaceutical Sciences (minimum 2.75) and the post-baccalaureate in pre-medicine (minimum 3.0). The applicant must be in good standing and eligible to return to the academic institution most recently attended. Dual degree applicants must have a minimum cumulative grade-point average of 3.3 on a scale of 4.0. With evidence of special promise, an applicant whose academic record falls short of the minimum GPA may be accepted on a conditional basis; see Conditional Admission, below. Students who have been academically dismissed or suspended will not be considered for admission for at least one year from the date of their last suspension or dismissal.

Applicants should refer to the individual program descriptions for information on prerequisites and supporting documents, since these vary by program. It is the responsibility of applicants to ensure that all required application materials are submitted by the designated deadlines. Unofficial copies, facsimiles, or photocopies of transcripts, certificates, or diplomas will not be accepted. All records become the property of the University and cannot be returned.

**Conditional Admission**—Admission with conditions to one of the health sciences programs may be offered at the discretion of the director of admissions and the program director. The terms of admission will be outlined in the letter of acceptance from the University. When conditions have been not been met, notification is sent from the Office of
Admissions. Students dismissed for not meeting the conditions of their admission from non-clinical programs must sit out one calendar year before re-applying. Readmission is not guaranteed. Students enrolled in clinical programs should consult their program handbook for program-specific dismissal policies and procedures.

**Advance Tuition Deposit**—Upon notification of acceptance, an advance tuition deposit will be required of students in selected programs, including those re-admitted. The deposit is credited toward tuition and is non-refundable. Payment of the orientation fee, if applicable, must be submitted along with the tuition deposit and is also non-refundable.

**International Applicants**
The following additional requirements pertain to international applicants:

**Required Records**—Official copies of all required documentation (transcripts, diplomas, and certificates as well as any other records listing subjects studied, grades received, examinations taken, the results of state examinations, and degrees received) must be submitted in the language in which the institution keeps its official records. If these documents are in a language other than English, they must be accompanied by a certified English translation. In addition, an evaluated copy completed by an acceptable international evaluation service must be submitted regardless of whether or not the official record is in English.

**Language Tests**—Applicants whose native language is not English or who are not citizens of countries where English is the official language must submit official test scores for either academic IELTS or TOEFL or PTE. The following are the minimum scores for admission consideration.

1. Academic IELTS: an overall band score of 7.0, with no individual band score below 6.0.
2. TOEFL: 600 paper-based or 100 Internet-based.
3. PTE: overall score of 68

The IELTS/TOEFL/PTE requirement may be waived for applicants who hold a baccalaureate degree or higher from a U.S. regionally accredited college or university; applicants who hold a baccalaureate degree or higher from an international higher education institution, must demonstrate through an evaluation that the institution is equivalent to a U.S. regionally accredited college or university, and the language of instruction at the institution where the degree was completed is English. Waivers may exist for citizens of countries where the official language is English, as determined by the GW International Services Office.

**Financial Certificate**—A Financial Certificate must be completed and submitted with the application for admission by all international students planning to study at the University under the authorization of either a student (F) or exchange visitor (J) visa. Satisfactory completion and submission of the Financial Certificate is required for the issuance of a Form I-20 or IAP-66.

**Unclassified Students**
A student who wishes to take individual courses in health sciences programs must obtain permission to register as an unclassified student in the School of Medicine and Health Sciences. Application is made to the Office of Admissions, Health Sciences Programs. The dean’s office, in conjunction with the appropriate department chair and program director, will determine if permission to register will be granted to an unclassified student. Permission to take individual courses, if granted, will generally be limited to a total of 6 credit hours.

Credit earned for courses taken as an unclassified student may be transferred to a degree program at the University if the courses are applicable to the program, have been taken for credit, and have been completed with the minimum grade required in the program. This should not exceed 6 credit hours. Successful completion of course work taken as an unclassified student does not guarantee admission to a degree program.

**Readmission**
Students who were previously registered in a health sciences program at the University but who did not register during the immediate preceding semester (summer sessions excluded), and who did not receive an approved leave of absence must apply for readmission. Students who have attended other academic institutions while not enrolled at this University must have complete official transcripts sent directly to the Office of Admissions, Health Sciences Programs, from each institution attended. Applications for readmission are considered on the basis of regulations and curricula currently in effect.

**Transfer Credit for Graduate Students**
The University reserves the right to refuse transfer credit in part or in whole or to allow credit provisionally. A maximum of one quarter of the credit hours of graduate coursework required for a degree may be approved for transfer to a graduate program in the Health Sciences. These credits may come from enrollment in non-degree coursework at GW, or from another degree granting school of GW, or another accredited college or university. Eligible coursework must be: (a) graduate-level credit, (b) not applied toward completion of requirements for another degree, and (c) earned with a minimum acceptable grade of a B (B- and lower do not transfer). Requests for transfer credit must be submitted in writing and approved by the program director and the Health Sciences Dean’s Office after admission to the program. Students in clinical programs should refer to their program handbook for program-specific transfer credit policies and procedures.

**Transfer Credit/Advanced Standing for Undergraduates**
Advanced standing may be awarded for appropriate course work completed at other regionally accredited institutions
provided minimum grade requirements have been met. The minimum acceptable grade is C for course work to be applied toward an undergraduate degree (C- grades and lower do not transfer). Advanced standing may also be awarded for non-traditional classroom or clinical experience as determined by the individual programs. The University reserves the right to refuse transfer credit in part or in whole or to allow credit provisionally. Health sciences degree programs vary in the amount of advanced standing they will award. For bachelor’s programs, no more than 66 credit hours can be accepted as advanced standing from a two-year institution.

Degree candidates who are currently enrolled at this institution and plan to take courses at other regionally accredited institutions for transfer credit must first submit a course approval form for approval by the program director, department chair, and the appropriate dean.

Information regarding Academic Policies and Regulations information specific to Health Sciences can be found at http://smhs.gwu.edu/academics/health-sciences/students/forms-policies.

Evaluation of Academic Performance

Faculty are responsible for evaluating the performance of students in a meaningful, useful, and timely manner and for assigning grades on a basis that is rational, just, and unbiased. The authority for assignment of grades rests with academic departments or with faculty in the respective programs. Official grades for course work can be obtained from the Office of the Registrar each semester and are not given out by instructors.

Grades in Undergraduate Degree or Certificate and Post-Baccalaureate Certificate Programs—The following grading system is used: A, Excellent; B, Good; C, Satisfactory; D, Low Pass; F, Fail. At the discretion of the program and individual faculty, “+” or “-” grades may also be assigned. Except for courses that specifically state that repetition for credit is permitted, a candidate for an undergraduate degree or undergraduate-level certificate (including post-baccalaureate certificate) at this University may not repeat a course in which a grade of D or better was received, unless a petition to do so is approved by the appropriate dean and/or chair upon recommendation of the program director. If a course is repeated, the first grade remains on the student’s record and is included in the cumulative GPA. Symbols that may appear include CR, Credit; AU, Audit; P, Pass; NP, No Pass; I, Incomplete; IPG, In Progress; W, Authorized Withdrawal; Z, Unauthorized Withdrawal. These symbols are not considered in determining the GPA.

Incomplete/In Progress—The symbol of I indicates that the instructor has received a satisfactory explanation for the student’s inability to complete the required work of the course. The grade may be used only if the student’s prior performance in the course has been satisfactory. Any failure to complete the work of a course that is not satisfactorily explained to the instructor before the date when grades must be turned in will be graded F. Incomplete work must be made up by a date agreed upon by the instructor and the student but no later than the last day of the examination period for the semester immediately following the semester or summer session in which the notation of I is assigned. An extension of one additional semester can be requested by the student and may be approved by the program director. When work for the course is completed, the earned grade earned will be posted. An incomplete that is not changed within the allotted time reverts to F.

The symbol of IPG is reserved for courses (such as special projects) in which the final class date extends beyond the official University deadline for submitting grades. Once the course has been completed, the IPG will be removed from the transcript and the earned grade recorded.

Unauthorized Withdrawal—The symbol of Z is assigned when students are registered for a course that they have not attended or have attended only briefly, and in which they have done no graded work. At the end of the academic year, students’ records are reviewed; if there is more than one Z per semester, a student’s record may be encumbered until released by the student’s advisor or academic dean. The symbol of Z is not a grade, but an administrative notation.

The Grade-Point Average—Scholarship is computed in terms of the grade-point average, based only on the student’s record in this University. The grade-point average is computed from grades as follows: A, 4.0; A-, 3.7; B+, 3.3; B, 3.0; B-, 2.7; C+, 2.3; C, 2.0; C-, 1.7; D+, 1.3; D, 1.0; D-, 0.7; F, 0, for each credit hour for which the student has registered in a degree program. In undergraduate courses, grades of F will be computed in the grade-point average but will not be considered as fulfilling degree requirements. In graduate programs, final course grades below C- are recorded as F.

Appeal Procedures for Cases of Alleged Improper Academic Evaluation—Students who believe that a grade or
evaluation is unjust or inaccurate may use the following appeal procedures:

1. The student must submit a written appeal to the relevant faculty member within 10 calendar days of the time the grade is posted, with a copy to the program director.

2. Resolution should be sought first at the program and departmental levels. A review shall be conducted by the program director and chair, consulting as appropriate the student and faculty involved.

3. If a mutually satisfactory resolution is not achieved, the student may, within 5 days of the decision being rendered, submit a written letter of appeal to the senior associate dean for health sciences. In considering the student’s appeal, the senior associate dean will determine whether or not the grading procedures employed were fair, equitable, objective and consistent.

4. The senior associate dean may refer the appeal to the Health Sciences Evaluation Committee chair, who will form a three-person committee to serve as a peer review body. The committee will consist of the director of the program and two other members of the Health Sciences Evaluation Committee who are not involved in the case. Should the chair of the Health Sciences Evaluation Committee be the member of the faculty alleged to have made the improper academic evaluation, the appropriate dean will choose the three members of the peer review body from the members of the Health Sciences Evaluation Committee. If a sufficient number of faculty is not available from within the Committee, other faculty from the health sciences programs will be appointed.

5. The peer review body will review the student and course materials in order to render a recommendation to the senior associate dean. In the event that the peer review body chooses to conduct a hearing, the student may not have legal representation present. Students will be allowed to move forward in didactic coursework until the grade appeal is resolved and a final decision rendered. However, students will not be allowed to move forward in clinical coursework until the grade appeal is resolved and a final decision rendered.

6. The peer review body will advise the senior associate dean on the outcome of their review and recommendations. Final action rests with the dean of the School of Medicine and Health Sciences.

### Academic Standing

An enrolled student is considered to be in good academic standing by the School of Medicine and Health Sciences provided that he or she is not on probation or suspended. The following policies apply to all students within Health Sciences programs. In addition, Medical Laboratory Sciences, Physician Assistant, and Physical Therapy students must comply with policies and procedures outlined in their respective student handbooks.

### Warning

An undergraduate whose GPA falls between 2.5 and 2.69, and a graduate student whose GPA falls between 3.0 and 3.2 will receive a warning notification from the program. The warning may be in the form of an email. A record of warning notifications will be kept with program records and Health Sciences student services.

### Academic Probation

A full- or part-time undergraduate degree candidate whose cumulative GPA falls below 2.5 will be placed on academic probation. A notation will be added to the student’s transcript indicating probation. This probation extends over the period in which the student attempts an additional 12 credit hours of course work. Students while on probation will be allowed to register for no more than 12 credit hours per semester, unless approved by the program director and the appropriate dean.

### Suspension

A full- or part-time graduate degree candidate whose cumulative GPA falls below 3.0 will be placed on academic probation. For full-time students, probation extends for one semester of full-time course work as defined by the program; for part-time students, probation extends during the period in which the student attempts 9 credit hours of course work. Students while on probation will be allowed to register for no more than 9 credit hours total, unless approved by the program director and the appropriate dean. For full-time students, this means no more than 9 credit hours per semester. For part-time students, they may register for a combination of 9 credit hours, but may not take additional courses (e.g. a part-time student on probation who attempts 6 credits one-term, would be restricted to 3 credits in the next semester of coursework).

If the program director and department chair determine that extenuating and valid circumstances exist, a student may be granted an extension on the probation period. If granted, the student will be notified by the program director outlining conditions to be met by the student. The student must return a statement to the program director by email or mail confirming that he/she has read, understands, and agrees to the conditions.

If the student fails to attain the conditions in the time specified, the student will be suspended (see Suspension). If the student succeeds in raising his/her cumulative GPA to the minimum scholarship requirements, academic probation will be lifted. A student who has been placed on probation more than one time will be recommended for dismissal.

### Suspension

Students previously on probation who have not raised their cumulative GPA within the allowed number of credit hours (12 for undergraduate, and 9 for graduates) may be suspended. A student suspended for poor scholarship may not register for any course work at the University, even as an auditor. The program director mails or emails a Letter of Suspension notifying the student of suspension.

A student who is suspended for failure to raise the cumulative GPA may apply for readmission after the lapse of one calendar year. Evidence must then be presented to the student’s
program director, demonstrating that the student is now better prepared to pursue academic course work. Any student suspended twice for poor scholarship will not be readmitted. If the student fails to achieve the minimum GPA at the end of the semester following readmission, the program director may recommend the student be dismissed and further enrollment prohibited. This will be reviewed by the appropriate dean, whose recommendation will then be forwarded to the dean of the School of Medicine and Health Sciences.

**Dismissal**—Any student who has received one or more failing grades during a semester, or who has been placed on probation more than one time, may be recommended for dismissal by the program director. If the program recommends dismissal, an email or letter will be sent to the student informing him/her that the recommendation for dismissal is being reviewed by the senior associate dean for Health Sciences in consultation with the program director and chair. At the discretion of the senior associate dean, the recommendation may also be forwarded to the Health Sciences Evaluation Committee before sending to the dean of the School of Medicine and Health Sciences. The final decision about dismissal rests with the dean of the School of Medicine and Health Sciences. A student who is dismissed from non-clinical programs may apply for readmission after the lapse of one calendar year. Readmission is not guaranteed. Students enrolled in clinical programs should consult their program handbook for program-specific dismissal policies and procedures.

**Programs of Study**

Programs of Study (http://smhs.gwu.edu/academics/health-sciences)

Students enrolled in undergraduate degree, or undergraduate-level certificate (including post-baccalaureate certificate) programs must meet with their faculty advisor (in person or electronically) to review a program of study, listing all course work required for the degree or certificate, including applicable transfer credit. Changes to the program of study can be made through petition to the program. Changes may require approval of senior associate dean for health sciences.

**Transfer Within Health Sciences Programs**—To apply for a transfer from one health sciences program to another, a written request must be submitted to the Office of Student Services, Health Sciences Programs, along with the necessary supporting documentation required by the program. To change from certificate to degree program may require an admissions application.

**Transfer Outside Health Sciences Programs**—No internal transfers are permitted from a health sciences program to another GW school or college. To transfer outside of the health sciences, a student must follow the full admission processes for the other GW program.

**Changes Within Health Sciences Programs**—A student may not substitute one course for another without approval of the program director, the department chair, and the appropriate dean. After the deadlines for adding or dropping courses, a student must obtain the permission of the course instructor, the program director, and the appropriate dean to withdraw from a course or to change status from credit to audit or audit to credit.

**Adding and Dropping Courses**—During the registration period (before the end of the second week of classes) students may add or drop courses using GWeb. After the second week of classes, students who wish to add or drop a course must complete a Registration Transaction Form (http://smhs.gwu.edu/academics/health-sciences/students/forms-policies) and submit the form to the Student Services Office. Adding a course after the second week requires a signature of the instructor or other authorized member of the department.

A course dropped during the first four weeks of classes will not appear on the student’s transcript. A course dropped after the fourth week but before the end of the eighth week will be assigned a notation of W (Authorized Withdrawal). Deadlines for a summer or short course may vary.

The deadline for dropping a course without academic penalty is the end of the eighth week of classes. After the end of the eighth week of classes, dropping a course without academic penalty is only possible after the student submits a petition to the senior associate dean and receives written permission. Deadlines for a summer or short course may vary.

All charges for courses from which the student withdraws are subject to the refund policy listed under Fees and Financial Regulations in this Bulletin. Failure to withdraw by these procedures can result in an extended financial obligation and the recording of a grade of F (Failure) or a notation of Z (Unauthorized Withdrawal).

**Policies and Definitions**

**Credit**—Credit is awarded only after registration for a course and satisfactory completion of the required work, or upon assignment of advanced standing.

**Auditing**—A student who has been admitted to a health sciences program may register as an auditor in a class only with the permission of the instructor, the faculty advisor, and the appropriate dean. An auditor receives no academic credit and is not required to take active part in the class or to pass examinations. A student who takes a course as an auditor may not repeat it later for credit. The regular program tuition rate is charged for audited courses.

**Attendance**—Students may attend only those classes for which they are officially registered. Regular attendance is expected. A student suspended for any cause may not attend classes during the period of suspension. Students are held responsible for all of the work of the courses in which they are registered, and all
absences must be excused by the instructor before provision is made to make up the work missed.

Transcripts of Record—Official transcript of student records are issued by the Office of the Registrar and may be requested through GWeb by any student or former student who has paid all charges, including any outstanding student loan installments, due the University at the time of the request. A fee is charged for each transcript. Partial transcripts are not issued.

Continuous Enrollment—Once entered in a degree or certificate program, a student is expected to be continuously enrolled and actively engaged in fulfilling the requirements each semester of the academic year until such time as the degree is conferred or certificate completed. Students who break continuous enrollment at the University and do not request and receive a leave of absence (see below) must apply for readmission and, if granted, are subject to the requirements and regulations then in force. Students who plan to attend other institutions and apply credit earned toward graduation from this University must first obtain written approval from the program director and the appropriate dean.

Leave of Absence—A student who must interrupt active pursuit of the degree or certificate may petition the appropriate dean, through the program director, for a leave of absence for a specified period of time, generally limited to one calendar year. If the petition is approved, the student must register for leave of absence in each fall and spring semester, following regular registration procedures. The request should be made using the Petition Request Form (http://smhs.gwu.edu/academics/health-sciences/students/forms-policies). Students who discontinue their studies without being granted a leave of absence and students granted leaves who do not return to active study at the close of the period of approved absence must apply for readmission and are subject to the regulations and requirements then in force. The right to use University facilities is suspended while the leave is in effect.

Policy Regarding Students Called to Active Military Duty—Any student who is a member of a military reserve unit or the National Guard and is activated or called to active duty early in a semester or summer session automatically will be entitled to a full refund of all tuition and fees that he or she has paid toward the expenses of that academic term. If the notification of the call to active duty comes after the mid-term examinations or after other substantial graded work has been completed, the student will have the option of either taking a full refund of tuition and fees or taking an Incomplete in his or her courses with the privilege of returning to complete all required coursework at some future date without payment of any further tuition and fee charges. It is the responsibility of the student to present evidence of his or her activation to the Health Sciences Student Services and the Office of Student Accounts and to request the appropriate refund.

Should a degree student called up for active duty find it necessary to interrupt active pursuit of the degree he or she may petition the senior associate dean of health sciences for a leave of absence for a specified period of time, generally limited to one calendar year. Deans are encouraged to grant any request to extend the leave of absence for longer than the customary period should military service require an absence of more than one year.

All students on active duty will be automatically exempted from the request for a $50 voluntary library contribution without requiring any communication from them or their initials on the bill.

Right to Change Rules and Programs—The University reserves the right to modify or change requirements, rules, and fees. Such regulations shall go into force whenever the proper authorities may determine. The right is reserved by the University to make changes in programs without notice whenever circumstances warrant such changes. For the most up to date requirements, rules, and fees contact the Health Sciences Dean’s Office (http://smhs.gwu.edu/academics/health-sciences).

Complete Withdrawal From the University—A student who wishes to withdraw from all courses, and the university must complete a Complete Withdrawal Form (http://registrar.gwu.edu) and submit it to the Office of the Registrar. The deadline for complete withdrawal from all courses without academic penalty is the end of the eighth week of classes, with the exception of summer and short courses, which may have different deadlines. Complete withdrawal after the eighth week requires a petition to the dean. A student who wishes to withdraw from one or all courses, but not the university, should submit a Registration Transaction Form. A student who wishes to withdraw from the University upon completion of currently registered courses should notify their program director and Health Sciences Student Services.

All charges for courses from which the student withdraws are subject to the refund policy listed under Fees and Financial Regulations in this Bulletin. Failure to complete a Complete Withdrawal Form can result in an extended financial obligation and the recording of grades of F (Failure) or notations of Z (Unauthorized Withdrawal).

Graduation Requirements

Degrees are conferred in January, May, and August.

Graduating health sciences students may participate in the commencement ceremony held each year in May.

To be recommended for graduation by the faculty, students must have met admission requirements; have completed satisfactorily the scholarship, curriculum, residence, and other requirements for the degree; have filed an application for graduation prior to the published deadline; and be free from all indebtedness to the University. Registration, either for course work or for continuous enrollment, is required for the
semester or summer session at the close of which the degree is to be conferred.

Applications for graduation must be filed by October 1 for fall graduation, February 1 for spring graduation, and July 1 for summer graduation.

**Residence Requirements**—The minimum number of credit hours that must be satisfactorily completed in residence in the School of Medicine and Health Sciences are listed; specific programs may establish higher residency requirements. Bachelor of Science in Health Sciences programs require that 30 of the last 60 credit hours be completed in residence. In Master of Science in Health Sciences and Doctor of Physical Therapy programs, all but 6 of the total required credit hours must be completed in residence. Courses applicable to the degree taken while registered in any division of The George Washington University in the semester immediately prior to admission to degree candidacy in the health sciences are counted as courses in residence.

**Honors**—Bachelor’s degrees with honors are awarded to students whose academic records give evidence of particular merit. The student’s grade-point average determines the level of honors as follows: *cum laude*, 3.4-3.59; *magna cum laude*, 3.6-3.79; *summa cum laude*, 3.8-4.0. The grade-point average includes all course work completed at GW and is not rounded off. To be eligible for an honors designation, a student must complete at least 60 hours of coursework at GW.

The grade-point average is calculated by the Office of the Registrar, and the honors designation is entered on the transcript and the diploma of those students who earn an honors designation. If honors are entered in the commencement program, honors status will be determined on the basis of work completed by the end of the seventh term and entered only for those students who have completed seven-eighths of the credit hours required for the degree. Honors indicated on the diploma are calculated on the basis of all course work completed. The diploma and transcript are the official indication that a degree was conferred and honors awarded.

**Financial Aid**

The George Washington University financial assistance for undergraduate students is described in *Financial Aid Sourcebook* from The George Washington University Office of Student Financial Assistance (http://financialaid.gwu.edu). Undergraduate aid consists of two basic types: awards for academic achievement or talent without reference to financial circumstances (merit scholarships) and scholarships, grants, loans, and employment based on academic achievement and demonstrated financial need. All undergraduate gift aid (institutional scholarships and grants, and federal grants) requires that the recipient be working on the first undergraduate degree and be registered for a full-time course load at GW. Students are limited to eight semesters of institutional aid. Institutional aid is not available for online programs nor graduate programs. Loans and resident assistantships not based on financial need are available.

Several offices on campus provide information on financial assistance for graduate and certificate students. Information about funding opportunities is provided by the Office of Graduate Student Assistantships and Fellowships (http://www.gwu.edu/~fellows). Forms and information on federal loans for graduate students can be obtained from the Office of Student Financial Assistance. (http://financialaid.gwu.edu) Information on the Federal Work-Study Program, cooperative education opportunities, and on- and off-campus employment is available from the GW Career Center (http://careerservices.gwu.edu). Gift aid (scholarships, grants, fellowships, assistantships, etc.) is taxable to the extent that it exceeds the allowable costs of tuition, fees, and required books and supplies or is dedicated to other costs, such as room and board. Federal grants may be taxable if, together with other gift assistance, they exceed the allowable costs. In the case of a student who is awarded tuition scholarships, grants, or awards from more than one source, the combined amount cannot exceed tuition charges; institutional aid will be adjusted to this limit.

In general, consideration for financial aid is restricted to students in good academic standing who meet the minimum grade-point average for particular awards and are not financially encumbered by any other University office. Applications for institutional or federal aid cannot be processed if the relevant tax returns have not been filed in accordance with the IRS Code. Documents submitted as part of aid applications become the property of the University and cannot be returned. Federal regulations require that the University report suspected cases of fraud or misrepresentation to the appropriate federal, state, and local authorities.

Information on financial aid is accurate at the time each Bulletin is prepared for press. Future changes in federal regulations or institutional policies may alter the application requirements or program guidelines.

### UNDERGRADUATE

#### Associate's programs

- Associate in Science in the field of health sciences (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/as-health-sciences)
- Associate in Science in the field of health sciences laboratory technology (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/as-health-sciences-laboratory-technology)

#### Bachelor's programs

- Bachelor of Science in Health Sciences with a major in clinical health sciences (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/bs-clinical-health-services)
• Bachelor of Science in Health Sciences with a major in clinical management and leadership (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/bs-clinical-management-leadership)
• Bachelor of Science in Health Sciences with a major in clinical research administration
• Bachelor of Science in Health Sciences with a major in emergency medical services management
• Bachelor of Science in Health Sciences with a major in health intervention and disaster response
• Bachelor of Science in Health Sciences with a major in medical laboratory science
• Bachelor of Science in Health Sciences with a major in pharmaceutical sciences

Dual degree programs
• Bachelor of Science in Health Sciences and Master of Science in Health Sciences in the field of clinical management and leadership
• Bachelor of Science in Health Sciences in the field of clinical management and leadership and Master of Science in Health Sciences in the field of health care quality
• Bachelor of Science in Health Sciences in the field of clinical management and leadership and Master of Science in Health Sciences in the field of emergency medical services leadership (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/dual-bshs-cml-mshs-emsl)
• Bachelor of Science in Health Sciences and Master of Science in Health Sciences in the field of clinical research administration
• Bachelor of Science in Health Sciences in the field of clinical research administration and Master of Science in Health Science in the field of regulatory affairs
• Bachelor of Science in Health Sciences in the field of emergency medical services management and Master of Science in Health Sciences in the field of clinical management and leadership
• Bachelor of Science in Health Sciences in the field of emergency medical services management and Master of Science in Health Sciences in the field of emergency medical services leadership (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/dual-bshs-emsm-mshs-emsl)

Minors
• Minor in anatomy (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/minor-anatomy)
• Minor in clinical research administration (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/minor-cra)
• Minor in emergency health services
• Minor in health sciences (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/minor-hs)

Military contract programs
• Bachelor of Science in Health Sciences in the field of cytotechnology (http://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/bs-cytotechnology)(military contract)

GRADUATE

Master's programs
• Master of Science in Health Sciences in the field of clinical management and leadership (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-clinical-management-leadership)
• Master of Science in Health Sciences in the field of clinical microbiology (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-clinical-microbiology)
• Master of Science in Health Sciences in the field of clinical and translational microbiology (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-clinical-translational-microbiology)
• Master of Science in Health Sciences in the field of clinical research administration
• Master of Science in Health Sciences in the field of clinical and translational research
• Master of Science in Health Sciences in the field of emergency medical services leadership
• Master of Science in Health Sciences in the field of health care quality (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-health-care-quality)
• Master of Science in Health Sciences in the field of immunohematology and biotechnology (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/msmshs-immunohematology-biotechnology)
• Master of Science in Health Sciences in the field of integrative medicine (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-integrative-medicine)
• Master of Science in Health Sciences in the field of medical laboratory science (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-medical-laboratory-science)
• Master of Science in Health Sciences in the field of molecular diagnostic science (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-molecular-diagnostics)
• Master of Science in Health Sciences in the field of regulatory affairs (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-regulatory-affairs)
• Master of Science in Health Sciences in the field of physician assistant (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-physician-assistant)
• Master of Science in Health Sciences in the field of translational microbiology (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-translational-microbiology)

Dual degree program
• Master of Science in Health Sciences in the field of physician assistant and Master of Public Health (Milken Institute School of Public Health) (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/dual-pa-mph)

Military contract programs
• Master of Science in Health Sciences in the field of immunohematology (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/ms-immunohematology)

Doctoral programs
• Doctor of Philosophy in the field of translational health sciences (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/phd-translational-health-sciences)
• Doctor of Physical Therapy (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/doctoral-physical-therapy)
• Advanced Practice Clinical Doctorate in Occupational Therapy (http://bulletin.gwu.edu/medicine-health-sciences/graduate-programs/advanced-practice-clinical-doctorate-occupational-therapy)

CERTIFICATES

Post-baccalaureate certificates
• Post-baccalaureate certificate in medical laboratory science (http://bulletin.gwu.edu/medicine-health-sciences/certificate/medical-laboratory-science)
• Post-baccalaureate certificate in blood banking for medical laboratory science (http://bulletin.gwu.edu/medicine-health-sciences/certificate/blood-banking-mls)
• Post-baccalaureate certificate in chemistry for medical laboratory science (http://bulletin.gwu.edu/medicine-health-sciences/certificate/chemistry-mls)
• Post-baccalaureate certificate in hematology for medical laboratory science (http://bulletin.gwu.edu/medicine-health-sciences/certificate/hematology-mls)
• Post-baccalaureate certificate in microbiology for medical laboratory science (http://bulletin.gwu.edu/medicine-health-sciences/certificate/microbiology-mls)
• Post-baccalaureate certificate in pre-medicine (http://bulletin.gwu.edu/medicine-health-sciences/certificate/pre-medicine)

Graduate certificates
• Graduate certificate in clinical research administration (http://bulletin.gwu.edu/medicine-health-sciences/certificate/clinical-research-administration)
• Graduate certificate in clinical and translational research (http://bulletin.gwu.edu/medicine-health-sciences/certificate/clinical-translational-research)
• Graduate certificate in clinical research practice (http://bulletin.gwu.edu/medicine-health-sciences/certificate/clinical-research-practice)
• Graduate certificate in health care quality (http://bulletin.gwu.edu/medicine-health-sciences/certificate/health-care-quality)
• Graduate certificate in integrative medicine (http://bulletin.gwu.edu/medicine-health-sciences/certificate/integrative-medicine)
• Graduate certificate in regulatory affairs (http://bulletin.gwu.edu/medicine-health-sciences/certificate/regulatory-affairs)

Military contract programs
• Undergraduate certificate in the field of health sciences laboratory science (military contract)

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
• Anatomy & Regenerative Biology (ANAT) (http://bulletin.gwu.edu/courses/anat)
• Clinical Management Leadership (CML) (http://bulletin.gwu.edu/courses/cml)
• Clinical Research and Administration (CRA) (http://bulletin.gwu.edu/courses/cra)
• Emergency Health Services (EHS) (http://bulletin.gwu.edu/courses/ehs)
• Health Care Quality (HCQ) (http://bulletin.gwu.edu/courses/hcq)
• Health Sciences (HSCI) (http://bulletin.gwu.edu/courses/hsci)
• Medical Laboratory Science (MLS) (http://bulletin.gwu.edu/courses/mls)
• Physician Assistant (PA) (http://bulletin.gwu.edu/courses/pa)
• Pharmacogenomics (PHRG) (http://bulletin.gwu.edu/courses/phrg)
• Physical Therapy (PT) (http://bulletin.gwu.edu/courses/pt)
• Regulatory Affairs (RAFF) (http://bulletin.gwu.edu/courses/raff)
• Translational Health Sciences (THS) (http://bulletin.gwu.edu/courses/ths)