Held exclusively online, the bachelor of science in health sciences (BSHS) with a major in clinical research administration prepares students to meet the increasing global needs for a highly qualified workforce within the clinical research arena. The program creates a learning environment that supports student and faculty excellence in clinical research competencies, such as scientific concepts and research design, ethical and patient safety considerations, drug development, clinical trial operations, human subject protection, Good Clinical Practice (GCP), regulatory requirements, and key business components. To achieve this mission, the program draws upon its diverse, multidisciplinary student body; outstanding, collaborative, practice-based faculty; and the vast resources available at the University.

Visit the program website for more information.

ADMISSIONS

Admission deadlines:
- Fall: July 15
- Spring: November 15
- Summer: March 15

Standardized test scores
SAT/ACT optional
Recommendation(s) required
One letter of recommendation is required. Recommendation should be from a high school guidance counselor, an academic teacher, or a previous or current supervisor.

Prior academic records
Transcripts are required from all colleges and universities attended (including via dual enrollment), whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Transcripts must be forwarded in their original sealed envelopes. Official transcript may also be sent electronically directly from the institution.

Students must have at least 45 credits of college-level coursework with a minimum 2.5 overall GPA from a regionally accredited institution of higher learning in order to be considered for admission.

The minimum acceptable grade is C for coursework to be applied toward an undergraduate degree (grades of C- and below do not transfer to GW SMHS programs).

A resume is optional but encouraged.

Prerequisites
Prerequisite courses that must be completed prior to admission: 6 credits in English composition; 3 credits in college mathematics (college algebra, statistics, or above); 3 to 4 credits in natural or physical science with a lab; 6 credits in social sciences; and 3 credits in humanities.

International applicants only
This program can be completed fully online. The program is not visa eligible.

Applications may receive credit for college-level coursework through International Baccalaureate (IB) or College Board Advanced Placement (AP) examinations. Official score results must be forwarded directly from the College Board. Please refer to GW Undergraduate Admissions (https://undergraduate.admissions.gwu.edu/) for information on maximum credits, minimum scores, and GW course equivalents for AP and IB credits.

Non-traditional credit sources may be considered on a case-by-case basis (i.e. military coursework, credit-by-exam, and non-college based health programs). Information on transfer credit eligibility may be found in the Bulletin under Regulations (see Transfer Credit/Advanced Standing for Undergraduates), including minimum letter grade requirements.

Statement of purpose
All applicants are required to submit an essay of approximately 250-300 words. Describe your interest in undertaking study at the George Washington University. What are some of your academic objectives or career goals? Please highlight any of your related qualifications and achievements--including academic, community, professional, or extra-curricular activities relevant to your program of interest.

Additional requirements
The fully online program is only available for transfer students. Students must have at least 45 credits of college-level coursework with a minimum 2.5 overall GPA from a regionally accredited institution of higher learning in order to be considered for admission.

Applicants who are not U.S. citizens are required to submit official test scores for either Test of English as a Foreign Language (TOEFL) or Test of English (PTE) Academic or the academic International English Language Testing System (IELTS). The following are the minimum scores for admission consideration:
- TOEFL: 250 computer-based or 100 Internet-based, PTE: overall score of 68, or IELTS: an overall band score of 7.0, with no individual band score below 6.0
International applicants who meet the following conditions may be considered for admission without submitting TOEFL, PTE or IELTS or scores:

- They are a citizen of countries where English is the official language (as identified by GW ISO list of Exempt countries) OR;
- They hold at least a bachelor degree from a country where English is the official language as well as language of instruction OR;
- They hold at least a bachelor degree from an institution accredited by a U.S. regional accrediting agency.

Supporting documents not submitted online should be mailed to:

George Washington University
ATTN: Transcript Processing Center
8300 Norman Center Dr
Suite 400
Bloomington, MN 55437

Alternatively, official electronic transcripts can be sent to transcripts@hsprograms.gwu.edu.

Contact for questions:

hsphora@gwu.edu
202-994-0384 (phone)
202-994-0870 (fax)
Hours: 9 am to 5 pm, Monday through Friday

REQUIREMENTS

The following requirements must be fulfilled: 120 credits in required and elective courses. At least 60 of these credits must be taken at GW. General education coursework must be completed prior to matriculation in the program.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td><strong>General education</strong></td>
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<tr>
<td></td>
<td>3 credits in critical thinking in the humanities</td>
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<tr>
<td></td>
<td>6 credits in critical thinking in the social sciences</td>
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<tr>
<td></td>
<td>6 credits in English composition</td>
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<tr>
<td></td>
<td>3 credits in quantitative reasoning (college algebra, statistics or above)</td>
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<td>4 credits in scientific reasoning (must be in natural and/or physical sciences with lab)</td>
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<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td><strong>The following 60 credits in coursework, which must be taken at GW:</strong></td>
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<td><strong>Required courses for the major: 51 Credits</strong></td>
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<tr>
<td></td>
<td>CRA 3101 Basics of Clinical Research</td>
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<td></td>
<td>CRA 3102 Processes of Clinical Research</td>
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EHS 3107  Financial Management for the Disaster Cycle
EHS 3174  Foundations of Emergency Health Services Systems
EHS 3175  Community Risk Management and Safety in Emergency Health Services
EHS 4101  Humanitarian Relief Operations
EHS 4110  Operations Management in Emergency Health Services Systems
EHS 4111  Leadership Concepts in EHS
EHS 4112  Special Operations and Disaster Management
EHS 4144  Seminar in EHS Leadership
HSCI 2101  Psychosocial Aspects of Health and Illness
HSCI 2107  Healthcare in Literature
HSCI 2110  Disease Prevention and Health Promotion Concepts
HSCI 2111  Development of the Health Care Professions
HSCI 2118  Global Women’s Health
HSCI 2190  Independent Study in Clinical Health Sciences
HSCI 2195  Special Topics in Health Sciences
HSCI 2503  Survey of Medical Terminology
HSCI 3103  Organic Chemistry I
HSCI 3108  Microbiology for Health Sciences Laboratory
HSCI 3109  Trends and Innovations in Healthcare
HSCI 3117  Principles of Biostatistics for Health Sciences
HSCI 4102  Human Physiology in Extreme Environments
HSCI 4103  Healthcare Law and Regulation
HSCI 4105  Case Studies in Healthcare
HSCI 4114  Healthcare in Developing Nations
INFR 3102  Scripting
INFR 4102  Survey of Medicine for Informaticians
INFR 4103  Programming for Informaticians
INFR 4104  Medical Informatics Terminology & Standards
INFR 4105  Consumer Health Informatics
INFR 4106  Population Health for Medical Informatics
INFR 4107  Clinical Decision Support
INFR 4108  Information Extraction for Medical Informatics
INFR 4109  Evaluation Methods in Medical Informatics
INFR 4110  Biomedical Data Science
INFR 4121  High Performance Computing
INFR 4122  Advanced Scripting
MLS 2000  Biology for Health Sciences
MLS 2001  Chemistry for Health Sciences
MLS 2005  Plagues, Pandemics, and Epidemics

* These courses should be taken in the sequence shown. Students should consult their advisor for details.

** Advanced standing from eligible transfer credit also may be considered. Credit from non-traditional sources, i.e., other than from academic coursework, may be considered on a case-by-case basis. This may include military coursework, credit by examination, and non-college based health programs.

COMBINED PROGRAMS

Combined programs

• Dual bachelor of Science in Health Sciences with a major in clinical research administration and Master of Science in Health Sciences in leadership and strategy in regulatory affairs and clinical research administration (https://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/dual-bshs-clinical-research-administration-mshs-leadership-and-strategy-regulatory-affairs-and-clinical-research-administration/)

• Dual Bachelor of Science in Health Science with a major in clinical research administration and Master of Science in Health Sciences in the field of biomedical informatics (https://bulletin.gwu.edu/medicine-health-sciences/undergraduate-programs/dual-bshs-clinical-research-administration-mshs-biomedical-informatics/)

• Dual Bachelor of Science in Health Sciences with a major in clinical research administration and Master of Science in Health Sciences in the field of clinical research administration

• Dual Bachelor of Science in Health Sciences with a major in clinical research administration and Master of Science in Health Sciences in the field of clinical translational research
• Dual Bachelor of Science in Health Sciences with a major in clinical research administration and Master of Science in Health Science in the field of regulatory affairs