BACHELOR OF SCIENCE IN HEALTH SCIENCES WITH A MAJOR IN CLINICAL RESEARCH ADMINISTRATION

Offered in a distance learning format, the bachelor of science in health sciences with a major in clinical research administration prepares students for meeting the increasing global needs for a highly qualified workforce within the clinical research arena. This 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: August 1
- Spring: December 1
- 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.

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 24 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
- Three credits English Composition
- Three credits College Algebra or higher

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

Official transcripts from institutions outside the U.S. must be accompanied by an official transcript evaluation from an accredited independent evaluating agency. Please be sure you request a detailed evaluation that includes all course titles, credit hours, grades, U.S. degree equivalency, grade-point averages (GPA), and date of degree conferral. For a list of acceptable foreign credential evaluation services, please click here (https://www.naces.org/members.php).

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 Pearsons 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.

Applicants 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.
International applicants who meet the following conditions may be considered for admission without submitting TOEFL, PTE or IELTS or scores:

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

Supporting Documents not Submitted Online should be Mailed to:
Health Sciences Office of Online Admissions
851 Trafalgar Court
Suite 420 West
Maitland, FL 3275

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

Contact for Questions:
hsphora@gwu.edu – 202-994-0384 (phone) – 202-994-0870 (fax)
9:00am - 5:00pm, 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.

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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 Requirement</strong></td>
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<tr>
<td></td>
<td>3 credits of English composition</td>
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<td></td>
<td>4 credits of natural or physical science with lab</td>
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<td></td>
<td>6 credits of social sciences</td>
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<tr>
<td></td>
<td>3 credits of humanities</td>
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<tr>
<td></td>
<td>3 credits of College Algebra or higher</td>
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<tr>
<td>HSCI 2117</td>
<td>Introduction to Statistics for Health Sciences</td>
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<tr>
<td>HSCI 2112W</td>
<td>Writing in the Health Sciences</td>
<td></td>
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<tr>
<td>HSCI 4112W</td>
<td>Research and Writing in Health Sciences</td>
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<td></td>
<td><strong>Required for the major</strong></td>
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<tr>
<td>CRA 3101</td>
<td>Basics of Clinical Research</td>
<td></td>
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<tr>
<td>CRA 3102</td>
<td>Processes of Clinical Research</td>
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<tr>
<td>CRA 3103</td>
<td>Good Clinical Practices</td>
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CRA 4104  Business of Clinical Research
CRA 4125  Capstone in Clinical Research Administration
CRA 4107  Introduction to Monitoring Clinical Trials
COHM 4110  Strategic Communication for Healthcare Professionals
HSCI 2050  Foundations of Health Equity
HSCI 2102  Pathophysiology
HSCI 2105  Current Issues in Bioethics
HSCI 3114  Management of Health Science Services
HSCI 4106  Introduction to Epidemiology for Health Sciences
INFR 4101  Introduction to Medical Informatics
RAFF 3101  Introduction to Regulatory Affairs

Additional school-specific requirements and electives

Depending on their prior academic record, students complete additional coursework to fulfill school-specific requirements in consultation with their academic advisor. Such courses, as well as appropriate elective selections, are taken from the following list. Alternative electives may be approved by the Program Director.

Clinical and laboratory sciences

HSCI 3201  Biology I
HSCI 3202  Biology II
HSCI 3501  Human Anatomy and Physiology I
HSCI 3502  Human Anatomy and Physiology II

Health data analytics

HSCI 3117  Principles of Biostatistics for Health Sciences
INFR 4103  Programming for Informaticians
INFR 4105  Consumer Health Informatics
INFR 4106  Population Health for Medical Informatics
INFR 4110  Biomedical Data Science
INFR 4198  Medical Informatics Research Project

Topics in Health Care
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<tr>
<th>Course Code</th>
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<tr>
<td>CRA 4106</td>
<td>Clinical Research Administration Internship</td>
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<tr>
<td>HSCI 1106</td>
<td>Introduction to Biotechnology for Health Sciences</td>
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<tr>
<td>HSCI 2101</td>
<td>Psychosocial Aspects of Health and Illness</td>
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<tr>
<td>HSCI 2107</td>
<td>Healthcare in Literature</td>
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<td>HSCI 2110</td>
<td>Disease Prevention and Health Promotion Concepts</td>
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<td>HSCI 2195</td>
<td>Special Topics in Health Sciences</td>
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<tr>
<td>HSCI 2503</td>
<td>Survey of Medical Terminology</td>
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<tr>
<td>HSCI 3109</td>
<td>Trends and Innovations in Healthcare</td>
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<tr>
<td>HSCI 3113</td>
<td>Health Policy and the Health Care System</td>
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<tr>
<td>HSCI 3118</td>
<td>Quality Improvement in Healthcare</td>
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<tr>
<td>HSCI 4103</td>
<td>Healthcare Law and Regulation</td>
</tr>
<tr>
<td>HSCI 4105</td>
<td>Case Studies in Healthcare</td>
</tr>
<tr>
<td>MLS 2005</td>
<td>Plagues, Pandemics, and Epidemics</td>
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*Advanced standing from eligible transfer credit may also 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-exam, and non-college based health programs.

**COMBINED PROGRAM**

- 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 (http://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