

# POST-BACCALAUREATE CERTIFICATE IN CLINICAL EMBRYOLOGY AND ASSISTED REPRODUCTIVE TECHNOLOGY

The Certificate in Clinical Embryology and Assisted Reproductive Technology at the George Washington University (GW) School of Medicine and Health Sciences (SMHS) prepares individuals to work in facilities as trained laboratory professionals who specialize in helping infertility case treatment via the use of in vitro-fertilization (IVF) and assisted reproductive technology (CEART).

This program includes a **combination of online coursework and hands-on labs** in human embryology, and andrology. The required in-person lab courses at the GW Virginia Science and Technology Campus, VSTC, are completed in the final semester.

The CEART program explores the latest in clinical embryology. Over the duration of the program, students will explore the interconnected sciences of endocrinology, embryology, cryobiology, and andrology.

\*The total number of credits and duration of the program depend on the number of transferred credits

Visit the program website (<https://healthsciencesprograms.gwu.edu/programs/post-baccalaureate-certificate-clinical-embryology-and-assisted-reproductive-technology/>) for additional information.

## ADMISSIONS

Admissions Fall - July 20

Deadlines:

Spring - December 1

Summer - March 20

The application and all supporting documentation (fees, statement of purpose, letters of recommendation, transcripts) must be received by the deadline in order for the application to be reviewed.

Recommendations: One (1) letter of recommendation required:

**Prior Academic Records:** Official 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. Official transcripts must be forwarded in their original sealed envelopes or sent electronically directly from the institution.

If academic records are in a language other than English, a certified English language translation must be provided in addition to the original transcripts; translations alone will not be accepted.

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 follow this link: <https://www.naces.org/members> (<https://www.naces.org/members/>).

**Statement of Purpose:** Applicants must include a 250–500 word essay describing your reasons for undertaking study at GW, your academic objectives, career goals, and related qualifications including collegiate, professional, and community activities relevant to your program of interest. Include any substantial accomplishments not already mentioned on the application form.

**Degree and GPA Requirement:** Bachelor's degree from a regionally-accredited institution

Minimum cumulative and science GPA of 2.5

**Pre-requisite courses:** Grade of C or better

-English Composition (3 credits)

-College Algebra, Statistics, or higher (3 credits)

-Biology (lecture and 'hands-on' lab) (8 credits)

-Microbiology (General or Clinical/Medicine - lecture and 'hands-on' lab) (4 credits)

-Chemistry, Organic Chemistry, Biochemistry, or Clinical Chemistry (3 credits)

**Additional Requirement:** Resume is required.

**International Students:** International students should check with individual programs regarding eligibility for visa sponsorship. Generally, online and hybrid programs are not eligible for student visa sponsorship from GW. This would include transfer students from any other institution with an existing visa.

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 Pearson's Test of English (PTE), Academic the academic International English Language Testing System (IELTS) or the Duolingo English Test (DET). The following are the minimum scores for admission consideration: #TOEFL: 600 on paper based, 250 on computer-based, or 100 Internet-based, PTE: overall score of 68, IELTS: an overall band score of 7.0, with no individual band score below 6.0, or DET overall score of 120. \*Scores can be no older than 2 years.

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

|                              |                                      |
|------------------------------|--------------------------------------|
| CERT 4014                    | Human Reproductive Cryobiology       |
| MLS 4151                     | Molecular Diagnostics                |
| MLS 4158                     | Laboratory Management and Operations |
| In-person laboratory courses |                                      |
| CERT 4011                    | Human Embryology Laboratory          |
| CERT 4013                    | Human Andrology Laboratory           |

**Supporting documents not submitted online should be mailed to:**

George Washington University

ATTN: Transcript Processing Center  
 1415 W 22<sup>nd</sup> St.  
 Suite 220  
 Oak Brook, IL 60523

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: 20 credits in required courses.

| Code                    | Title                             | Credits |
|-------------------------|-----------------------------------|---------|
| <b>Required</b>         |                                   |         |
| Online didactic courses |                                   |         |
| CERT 3004               | Endocrinology for Health Sciences |         |
| CERT 4010               | Clinical Human Embryology         |         |
| CERT 4012               | Clinical Human Andrology          |         |