

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

The certificate in clinical embryology and assisted reproductive technology at GW's 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). Over the duration of the program, students explore the interconnected sciences of endocrinology, embryology, cryobiology, and andrology.

The program includes a combination of online coursework and hands-on laboratory skills in embryology, andrology, cryobiology, and molecular genetics. The required hybrid laboratory course is completed in the final semester and requires individuals to come to GW's Virginia Science and Technology Campus in Ashburn, Virginia, for one week.

The total number of credits required for and duration of the program depend on the number of credits transferred.

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.
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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 applicants:    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 includes transfer students from any other institution with an existing visa.

Applicants who have not completed a post-secondary degree from an institution where English is the sole language of instruction must submit TOEFL, IELTS, PTE Academic, or the Duolingo English Test scores to be considered for admission. The following are the minimum scores for admission consideration:

- Academic IELTS: An overall band score of 7.0, with no individual band score below 6.0.
- TOEFL: 600 paper-based or 100 internet-based.
- PTE: Overall score of 68
- DET: Overall score of 120

Undergraduate applicants who meet one of the following conditions can be considered for admission without submitting TOEFL, PTE or IELTS or DET scores:

-You have earned an associate's degree or higher from an institution where English is the sole language of instruction

-You are a citizen of an English-speaking country as defined on the SMHS International Applicant page (<https://smhs.gwu.edu/international-applicants> (<https://smhs.gwu.edu/international-applicants/>)).

Scores cannot be more than two years old. To ensure TOEFL scores are sent to GW, use institutional code 5246. An institutional code is not required to send IELTS or PTE scores to GW. DET scores must be submitted via the Duolingo English Test system directly to GW.

Based on their application and the results of the English proficiency examination students can be required to take English for Academic Purposes (EAP) during their first year of study at GW. GW evaluates each application holistically and applicants can be recommended for EAP even if they meet the requirements for exemption. Students placed in EAP courses should anticipate additional tuition expenses as well as possible extension of time needed to complete their degree programs.

CERT 4014	Human Reproductive Cryobiology
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MLS 4151	Molecular Diagnostics
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MLS 4158	Laboratory Management and Operations
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In-person laboratory course

CERT 4021	Laboratory Techniques in Reproductive Medicine
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### 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

Documents can be submitted electronically  
to: [transcripts@hsprograms.gwu.edu](mailto:transcripts@hsprograms.gwu.edu).

### Contact for questions:

[hsphora@gwu.edu](mailto:hsphora@gwu.edu)  
202-994-0384 (phone)  
Hours: 9:00 am to 5:00 pm, Monday through Friday

## REQUIREMENTS

The following requirements must be fulfilled: 20 credits in required courses.

Code	Title	Credits
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### Required

Online didactic courses		
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CERT 3004	Endocrinology for Health Sciences	
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CERT 4010	Clinical Human Embryology	
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CERT 4012	Clinical Human Andrology	
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