CERTIFICATE PROGRAM

Certificate in APPLIED REPRODUCTIVE BIOLOGY



With as Few as Four Courses, You Can Elevate Your Career!

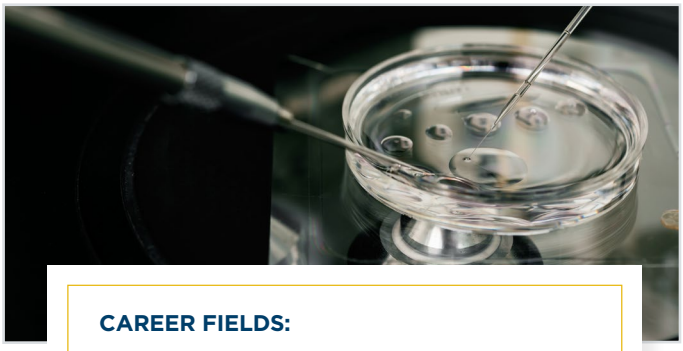
Training for the Future of Reproductive Science

The Applied Reproductive Biology Certificate is designed to meet the growing workforce demand in Assisted Reproductive Technology (ART) laboratories across the United States. Offered through a unique partnership with **ARTLAB,** the **world's largest IVF Training and Research Center**, this program combines academic rigor with intensive, hands-on training. In **just 10 weeks**, students who have already earned a BS/BA degree in a laboratory science related field, complete a focused, four-course curriculum that prepares them with the practical skills and knowledge needed for immediate entry into reproductive laboratory careers.

ARTLAB
PREMIER IVF TRAINING AND CONSULTING SERVICES

WHY A CERTIFICATE IN APPLIED REPRODUCTIVE BIOLOGY?

- **Focused, Career-Ready Training:** Gain hands-on experience in laboratory techniques, reproductive biology, and data handling, preparing you for immediate entry into high-demand scientific and technical roles.
- **Versatile Career Opportunities:** Open pathways to careers in fertility clinics, animal breeding, agriculture, veterinary support, biotechnology, and research laboratories.
- **Fast-Track Credential with Real-World Impact:** Complete a short-term program that builds in-demand skills while contributing to meaningful work in healthcare, agriculture, conservation, and scientific research.



CAREER FIELDS:

- Andrologist
- Junior Embryologist/ Embryologist
- IVF Laboratory Assistant
- Cryobiology Assistant
- Cryostorage Specialist
- Clinical Laboratory Scientist
- AI Technician
- Clinical Laboratory Technician
- Research Laboratory Technician
- Genetic Counselor Assistant
- IVF Patient Navigator
- IVF Coordinator

WHAT YOU WILL LEARN:

- Develop competency in IVF lab techniques, andrology procedures, cryopreservation, and vitrification
- Gain a strong understanding of quality control, quality assurance, and regulatory compliance
- Complete courses in embryology and laboratory techniques, along with professional training covering ethics, clinical practice, and workforce preparation

BY THE NUMBERS:

- 17% Career Growth*
- Lecture + Hands-on Lab Format
- 95% Job Placement usually within 60 days
- $80K Median Salary
- 1 Semester (10 weeks)
- 16 Credit Hours

***FACT:* ARTLAB boasts a 95% graduate employment rate within 60 days of completion and has successfully trained and graduated 200+ students in the past five years.**

*Bureau of Labor Statistics, US Department of Labor (2024)

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PROGRAM STRUCTURE

In-person, 10 Week Format includes: Lectures, Hands-on Labs, Independent Practice, Journal Clubs
(Monday – Friday 8am – 5pm)

- **Weeks 1–2:** Lecture-focused instruction covering core concepts in reproductive biology
- **Weeks 3–10:** Primarily hands-on laboratory training in andrology and embryology techniques
- **Guest Lecturers:** Learn from industry experts and professionals in assisted reproductive technology
- **Weekly Exams & Assessments:** Hands-on competency evaluations (80% pass rate required on exams and assessments), 90% Attendance Requirement

KEY TRAINING AREAS

- Oocyte Retrievals
- Stripping & Culture
- Oocyte/embryo Grading
- Transfers
- ICSI
- Embryo Biopsy
- Semen Analysis
- Semen Cryopreservation
- Morphology
- Viability
- Semen Processing
- Oocyte/Embryo Cryopreservation,
- Vitrification/Warming
- Lab Safety
- QA/QC
- Regulatory Compliance
- Clinical Bioethics
- Patient interactions

CERTIFICATION & BOARD EXAM PREPARATION

At the conclusion of the program, students are prepared to take certification exams administered by the American Board of Registry (ABOR).

Exams are completed on campus and include:

- Andrology Laboratory Science (ALS)
- Embryology Laboratory Scientist (ELS)

This preparation ensures graduates are ready to meet professional standards in ART laboratories.

CAREER/JOB ASSISTANCE

Nationwide Lab Directors actively contact ArtLab when they have open positions, hoping to hire graduates from the program. Generally 95% placement within 60 days of completing the program.

PREREQUISITES

Students **must have** a minimum of a BS/BA in a biological, chemical, clinical, genetic, medical laboratory science, or medical technology from an accredited institution or the equivalent.

Scan to View Admissions Requirements and General Guidelines about program.

GETTING STARTED:

Applying to NC Wesleyan is as easy as 1-2-3!
You'll have direct access to a personal admissions counselor who will guide you every step of the way and provide transfer evaluations before acceptance.

1. **Complete an application (FREE)**
2. **Submit official transcripts**
3. **Statement of Purpose**
4. **Resume**
5. **Photo ID** – *Valid color photo ID (state, federal or passport) required after completion of formal admissions application*

Once we receive your application and transcript, we'll review them and notify you of your admission decision along with any scholarships you may qualify for.

APPLY TODAY!
***FREE** application*

COST TO ATTEND:

TUITION
2026-2027 Academic Year
$16K*

HOUSING

Housing options available for the duration of the course with options beginning at $200/week.

FAFSA isn't required for admission, but we recommend all students complete it at **studentaid.gov** (School Code: 002951) to check grant eligibility—even if you don't plan to take out loans.

Additional fees may apply including Technology Fee ($50) and Graduation Fee ($125). However, additional costs may be assessed in the future for required supplies, materials, and board examination fees.

REV 11-2026

For more information, contact:

Office of Online Enrollment
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