Lab Sciences
Choosing a healthcare college isn’t just about where you’ll go. It’s about who you’ll become. Carolinas College of Health Sciences – part of Atrium Health – empowers big dreamers to unlock their true potential.

**Carolinas College by the numbers**

Student to faculty ratio: **7:1**

1st-time pass rate for certification: **96%**

Job placement within 6 months: **92%**

Job placement within Atrium Health: **87%**

Employers who would hire another Carolinas College graduate: **97%**

Total enrollment in 2020: **667**

Data as of 2020

Admissions@CCHSmail.org - 704-355-5051 - CarolinasCollege.edu
Students who receive financial aid: 68%

Total given in scholarships: $103,000

Students who default on federal loans within 3 years: 4.6%

Expert faculty and supportive small-school feel

Campus located in Charlotte, NC

Being part of Atrium Health means hands-on learning and potential employment after graduation

Education for high-demand careers including X-ray technology, lab sciences, nursing and more

Admissions@CCHSmail.org - 704-355-5051 - CarolinasCollege.edu
Tuition and Fees

Tuition by Program

<table>
<thead>
<tr>
<th>Program</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$394 per credit hour</td>
<td></td>
</tr>
<tr>
<td>- Associate Degree Nursing</td>
<td>$1,100</td>
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<tr>
<td>- General Studies</td>
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<tr>
<td>- Healthcare Simulation</td>
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<tr>
<td>- Medical Imaging</td>
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<tr>
<td>- Neurodiagnostic Technology</td>
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<tr>
<td>- Radiologic Technology</td>
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<tr>
<td>- RN-BSN</td>
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<tr>
<td>$9,772</td>
<td></td>
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<tr>
<td>- Histotechnology</td>
<td>$625</td>
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<tr>
<td>- Medical Laboratory Science</td>
<td></td>
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<tr>
<td>- Radiation Therapy</td>
<td></td>
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<tr>
<td>$2,800</td>
<td></td>
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<tr>
<td>- Blood Bank Technology</td>
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</tbody>
</table>

Fees

- Activity Fee...............................$30/semester
- Application Fee......................................$60
- BIO 168 & BIO 169 Lab Fee...............................$10
- BIO 200 Lab Fee.........................................$50
- Deposit/Background Check............................$200
- Graduation Fee (fall and spring)...................$200
- Graduation Fee (summer)...............................$155
- Learning Resource Fee:
  - 0-5 credit hours....................................$175/semester
  - 6+ credit hours......................................$275/semester
- Neurodiagnostic Course Fee.............................$60
- Nursing Lab Fee (all except NUR 100)..............$120
- NUR 110 (Skills Module Fee)..............................$127
- NUR 110 (Sherpath Book Bundle).......................$360
- NUR 160 (Course Point Access)........................$120
- NUR 170 (Sherpath Book Bundle).......................$161
- Parking and Security.................................$25/semester
- RAD 110 Course Pack....................................$35
- RAD 110 Markers Fee.....................................$25
- RAD 110 & RAD 212 Lab Fee.............................$115
- Radiation Therapy Lab Fee..............................$80
- Returned Check/NSF Fee................................$25

Admissions@CCHSmail.org - 704-355-5051 - CarolinasCollege.edu
Certificate in Histotechnology

Histology is a science that involves the structure of cells and their formation into tissues and organs. Histotechnology centers on the detection of tissue abnormalities and the treatment for the diseases causing the abnormalities. An estimated 85% of all diagnostic medical decisions are based on results produced by clinical laboratory testing. The Histotechnology program is a 31-week program that prepares graduates to function as competent entry-level histotechnologists. The curriculum integrates didactic lectures, laboratory training, and supervised clinical experience in the histology laboratory. Typically, more than 90% of the HTL graduates pass the certification exam on their first attempt.

The HTL program is accredited by the National Accrediting Agency for Clinical Laboratory Science. 5600 N. River Rd, Suite 720 Rosemont IL 60018-5119

Overview

- **Length:** 31 weeks
- **Program Fee:** $9,772
- **Aid Available:** Loan Forgiveness
- **Minimum SAT/ACT:** Not required
- **GPA:** 2.5 College Cumulative, 2.5 Math & Science
- **High School Pre-Reqs:** Not required
- **References:** 2 Carolinas College reference forms from employer, advisor or instructor
- **College Prerequisites:** BS/BA Degree 3 Hrs Algebra or higher, 30 Hrs Chemistry and Biology, including: Microbiology, Organic Chemistry or Biochemistry, Anatomy & Physiology

<table>
<thead>
<tr>
<th></th>
<th>Start</th>
<th>Deadline</th>
<th># Admitted</th>
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<tbody>
<tr>
<td>Spring</td>
<td>January</td>
<td>Rolling admissions.</td>
<td>5</td>
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<tr>
<td></td>
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<td>Space in classes</td>
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<td>offered as available.</td>
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<tr>
<td>Fall</td>
<td>August</td>
<td></td>
<td>5</td>
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</table>

Master Curriculum (credit hours)

<table>
<thead>
<tr>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>• HTL 206 - Professional Issues I (1)</td>
<td>• HTL 207 - Professional Issues II (2)</td>
<td>• Histotechnology Applied Courses (26)</td>
</tr>
<tr>
<td>• HTL 210 - Basic Histotechniques (9)</td>
<td>• HTL 260 - Histotech. Clinical (6)</td>
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<tr>
<td>• HTL 220 - Advncd. Histotechniques (8)</td>
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</table>

How to Apply

Submit an online application – Go to our website at www.CarolinasCollege.edu and apply under the Admissions tab. There is a $60 application fee. You may also use this link: http://carolinascollege.force.com/apply
Certificate in Medical Laboratory Sciences

Medical Laboratory Science is the study of clinical laboratory testing to detect, diagnose, monitor and treat disease. An estimated 85% of all diagnostic medical decisions are based on results produced by clinical laboratory testing. The Medical Laboratory Science program is a 12-month program that prepares graduates to be a successful entry-level medical laboratory scientist. Didactic lectures and student laboratory training take place at the college, with clinical experiences conducted in the laboratories of Atrium Health. Areas of study are noted in the Master Curriculum Plan below. Typically, close to 100% of program graduates pass the national certification exam on their first attempt.

The MLS program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences. 5600 N. River Rd, Suite 720 Rosemont IL 60018-5119

Overview

- **Length:** 3 semesters (12 months)
- **Program Fee:** $9,772
- **Aid Available:** Scholarships, Loan Forgiveness
- **Minimum SAT/ACT:** Not required
- **GPA:** 2.5 College Cumulative, 2.5 Math & Science
- **High School Pre-Reqs:** Not required
- **References:** 2 Carolinas College reference forms from employer, advisor or instructor
- **College Prerequisites:** BS/BA Degree required 3 Hrs Statistics 16 Hrs Chemistry, including:
  - Organic or Biochemistry 16 Hrs Biology, including:
  - Immunology
  - Microbiology
  - Microbiology lab

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<tbody>
<tr>
<td>Fall</td>
<td>August</td>
<td>Rolling admissions. Space in classes offered as available.</td>
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<tr>
<td>Spring</td>
<td>January</td>
<td>12</td>
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</table>

Master Curriculum (credit hours)

<table>
<thead>
<tr>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>3rd Semester</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>• MLS 410 - Hematology/Coagulation/ Clinical Microscopy (7)</td>
<td>• MLS 430 - Clinical Microbiology (9)</td>
<td>• MLS 450 - Clinical Immunology (4)</td>
<td>• Medical Laboratory Science Applied Courses (44)</td>
</tr>
<tr>
<td>• MLS 420 - Immunohematology (8)</td>
<td>• MLS 440 - Clinical Chemistry (8)</td>
<td>• MLS 462 - Professional Issues III (1)</td>
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<tr>
<td>• MLS 460 - Professional Issues I (1)</td>
<td>• MLS 461 - Professional Issues II (2)</td>
<td>• MLS 470 - Practicum (4)</td>
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</table>
Certificate in Phlebotomy

Phlebotomy is the technique of obtaining blood from a vein or skin puncture for laboratory analysis, which aids in the patient's diagnosis. A person trained to perform phlebotomy procedures is called a phlebotomist. The Carolinas College Phlebotomy Program is approved by the National Accrediting Agency for Clinical Laboratory Sciences.

Overview

- **Length:** 14 weeks (Fall & Spring), 10 weeks (Summer)
- **Program Fee:** $625 full program
- **Aid Available:** None
- **Required Testing:** Scholastic Level Exam (SLE), Minimum score required: 14
- **GPA:** 2.0 high school OR 2.0 college with at least 12 credit hours
- **High School Pre-Reqs:** Not required
- **College Pre-Reqs:** Not required

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<th>Deadline</th>
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</thead>
<tbody>
<tr>
<td>Fall</td>
<td>August</td>
<td>June 1</td>
<td>12</td>
</tr>
<tr>
<td>Spring</td>
<td>January</td>
<td>November 1</td>
<td>12</td>
</tr>
<tr>
<td>Summer</td>
<td>May</td>
<td>March 1</td>
<td>12</td>
</tr>
</tbody>
</table>

Master Curriculum (credit hours)

- **Weeks 1-7 (Spring & Fall) or 1-5 (Summer):**
  - Phlebotomy Class and Student Lab (80)
    - Emphasis is placed on ethics, legalities, medical terminology, safety and Infection control, quality assurance, healthcare delivery systems, patient relations, anatomy and physiology, and specimen collection and processing.

- **Weeks 8-14 (Spring & Fall) or 6-10 (Summer):**
  - Student Practicum (Clinical experience) (120)
    - Students visit a variety of healthcare settings within Atrium Health to develop skills necessary to perform successful phlebotomy procedures. Times, days and locations will vary due to the availability of clinical sites. Students should plan to commit 20-30 hours per week.

- **Final Examination:** Last week of program
  - Upon successful completion of this program, graduates will be awarded a certificate of completion and are eligible to take a national certifying examination. The Phlebotomy program is approved by the National Accrediting Agency for Clinical Laboratory Sciences.

NAACLS, 5600 N River Rd, Des Plaines, IL 60018

How to Apply

1. Attend an information session - Contact Admissions@CCHSmail.org to register.
2. Take the Scholastic Level Exam (SLE) - Offered during the information session.
3. Submit an online application - Go to our website at www.CarolinanasCollege.edu and apply under the Admissions tab, or use this link: http://carolinanascollege.force.com/apply
4. Submit your high school and/or your college transcripts. You can mail or hand-deliver them to Carolinas College of Health Sciences, Attn: Admissions, 2110 Water Ridge Parkway, Charlotte, NC 28217. Transcripts can be submitted electronically to the admissions email address below.

Admissions@CCHSmail.org - 704-355-5051 - CarolinasCollege.edu
Specialist in Blood Banking Technology/Transfusion Medicine

This flexible program is a 12-month non-credit online program for individuals currently employed in the blood bank field who are looking to advance their careers.

Specialists in blood bank technology work within the blood center and transfusion medicine fields as technical supervisors, laboratory administrators, quality regulatory assessors, educators and researchers. The curriculum is designed to prepare students to take the Specialist in Blood Banking (SBB) national exam administered by the American Society of Clinical Pathology (ASCP).

Specialists in blood bank technology are knowledgeable in all aspects of blood banking and transfusion medicine and are subject matter experts on AABB quality systems and FDA compliance requirements related to blood establishments.

The program is 100% online and students are not required to travel to campus. Required clinical checklists are completed at locations chosen by the student.

Please note that completion of this SBBT/TM program does not allow students to sit for the ASCP exam following Route 1. Individuals interested in taking the ASCPSBB exam should see www.ascp.org for details on eligibility requirements following Route 2 for SBB certification.

Overview

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<th># Admitted</th>
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</thead>
<tbody>
<tr>
<td>Fall</td>
<td>August</td>
<td>June 1 Applications will be accepted through August 1 based on space</td>
</tr>
</tbody>
</table>

- **Length:** 12 months
- **Program Fee:** $2,800 ($1,400 for 1st course: SBB 010 & $1,400 for 2nd course: SBB 020)
- **Admission Requirements:**
  - Baccalaureate degree (from U.S. institution) with a minimum GPA of 2.5
  - Current ASCP certification (MLS, MT, or BB)
  - Current employment in a blood center, transfusion service, or blood bank related field
  - Minimum of two years full-time blood bank related experience
  - Qualified Mentor to provide assistance and guidance
  - Clinical sites to provide assistance in meeting clinical checklist requirements
- **Admission Process:**
  - Complete online application
  - Submit official college transcripts from U.S. accredited baccalaureate program (min GPA 2.5)
  - Submit proof of current ASCP certification (MLS, MT or BB)
  - Submit proof of minimum 2 years blood bank related experience (supervisor’s statement of employment)
  - Submit 2 references on Carolinas College reference forms (professional references: one must be from current supervisor or manager)
- **Upon Admission:**
  - Submit completed Mentor Agreement form along with mentor’s resume
  - Submit Clinical Site Affiliation Memo of Understanding forms for each required clinical site (blood center, transfusion service, & reference lab)

Master Curriculum (credit hours)

**SBB 010**
- Education and Research
- Laboratory Operations
- Blood Donation, Blood Products
- Hematology, Genetics, Immunology

**SBB 020**
- Blood Group Systems (ABO/Rh)
- Blood Group Systems (Other)
- Serology (Routine/Advanced)
- Transfusion Practice
- Apheresis/Transfusion Reactions

**How to Apply:** Submit an online application – Go to our website at www.CarolinasCollege.edu and apply under the Admissions tab. Questions about the program and/or program admission? Contact: Kelly Shirley (Education Coordinator) at Kelly.Shirley@CarolinasCollege.edu or call 704-355-7575.
Discover the benefits of a Carolinas College education

Our partnership with Atrium Health means you'll get a clinical education within Atrium Health – one of the nation’s most innovative healthcare organizations. Many of our graduates step right into rewarding and stable careers within Atrium Health the moment they graduate. At Carolinas College, discover your true potential both in the classroom and throughout your career.

92% of our graduates find a job in their field within 6 months of graduating

87% of those get jobs within Atrium Health

Loan Forgiveness from Atrium Health

Many of our programs offer loan forgiveness options, so graduates who step into roles at Atrium Health may receive financial assistance to help with their student loans.
Megan Benbow, Alumna

Megan Benbow had been working in a hospital laboratory for eight years when she decided to take her career to the next level, so she enrolled in the Specialist in Blood Bank Technology program at Carolinas College.

“At that point I felt like I had a solid foundation in transfusion medicine, but I knew there was so much more to learn,” she says. “I wanted to understand the standards and the regulations that guide our profession, learn more about donor centers, and most importantly to me, I wanted to improve my immunohematology workups on complex patients.”

Throughout the 12-month course, Megan says she found the online format to be incredibly flexible.

“Our instructor was fantastic about responding to questions promptly and clearly, and sometimes other students would be able to answer based on their experiences,” she says. “We covered a ton of material in a year, and I was well prepared for the SBB exam. I passed on my first try, which was a great relief!”

Megan was soon promoted to lead medical technologist at Carolinas Medical Center Transfusion Services, and she credits the SBBT program for making sure she was prepared to step right into the new role.

“I have a much deeper understanding of Transfusion Medicine now,” she says. “I would highly recommend the course to anyone who wants to provide better care for their patients and take their career to the next level.”
At Carolinas College, each program is designed to expand minds and open possibilities. Our small school feel and one-on-one faculty support give students access to world-class hospital opportunities at Atrium Health, enabling graduates to consistently achieve licensure and certifications pass rates well above state and national norms. Keep aiming high - we’ll help you get there.

96% of our students pass their licensure or certification exams on the 1st attempt

7:1 average student to faculty ratio

Brett Holida, Carolinas College Alumnus

As a Carolinas College student, Brett Holida loved the small class sizes, which allowed him to develop a beneficial relationship with his instructor and fellow classmates.

“That’s really hard to do in a larger college setting,” he says. After graduation, Brett stepped right into a full-time role as a histotechnologist at Atrium Health’s Carolinas Medical Center. “My instructor, Tracy, really prepared us to be healthcare professionals,” he says. “Everything she gave us from day one was valuable for our career.”
Campus life

Convenient Location
The Carolinas College campus is located in the Water Ridge Office Park off Tyvola Road in Charlotte with easy access to I-85, I-485 and I-77.

Student Organizations
From the Student Nurses Association to the Student Leadership Council, you’ll find many paths to create meaningful connections, while also making an impact across campus and beyond.

Learning Environments
The new home of Carolinas College includes plenty of both group and individual study spaces, a large student lounge, modern classrooms and labs that enhance learning.

Learning Technology
Students benefit from a modern learning environment, including interactive classrooms, computerized testing, iPads and many others.

Campus Activities
From our holiday lunches to Spirit Day and many more events, our Carolinas College family comes together often to celebrate accomplishments and just enjoy spending time with each other.

Student Housing
Housing opportunities for students are available through Atrium Health properties that are located close to one of our primary clinical/laboratory sites.
“One of the best parts is the family-feel and the small classes. You can truly tell that the teachers want us students to succeed and care about our well-being outside the program.”

– Caroline Johnson, BSN alumna

“What brought me to Carolinas College was the warm and friendly environment, the awesome instructors and impressive statistics.”

– Ehsan Khodapasand, MLS alumni

“I learned so much in clinical settings that other schools don’t even have access to, and the teachers are fully devoted to their students. It’s an experience that I will never regret.”

– Kiara Johnson, ADN alumna
“The community that this college has built between the professors and the therapists who work with students is built for you to strive, achieve and be the best therapist you can be.”

– Madeline Phillips, Radiation Therapy alumna

“My favorite parts are all the hands-on experience I have gained from this course and the friends I have made. It’s been difficult at times, but my dad always told me that ‘nothing good comes easy.’”

– Chris Nowak, NDT student

“I found this course to be the perfect blend between the structure I need, while also being a flexible online learning environment. We covered a ton of material in a year, and I was well prepared for the SBB exam. I passed on my first try!”

– Megan Benbow, SBBT alumna
To learn more about Carolinas College of Health Sciences, visit our website at CarolinasCollege.edu.

2110 Water Ridge Parkway Charlotte, North Carolina 28217
704-355-5051