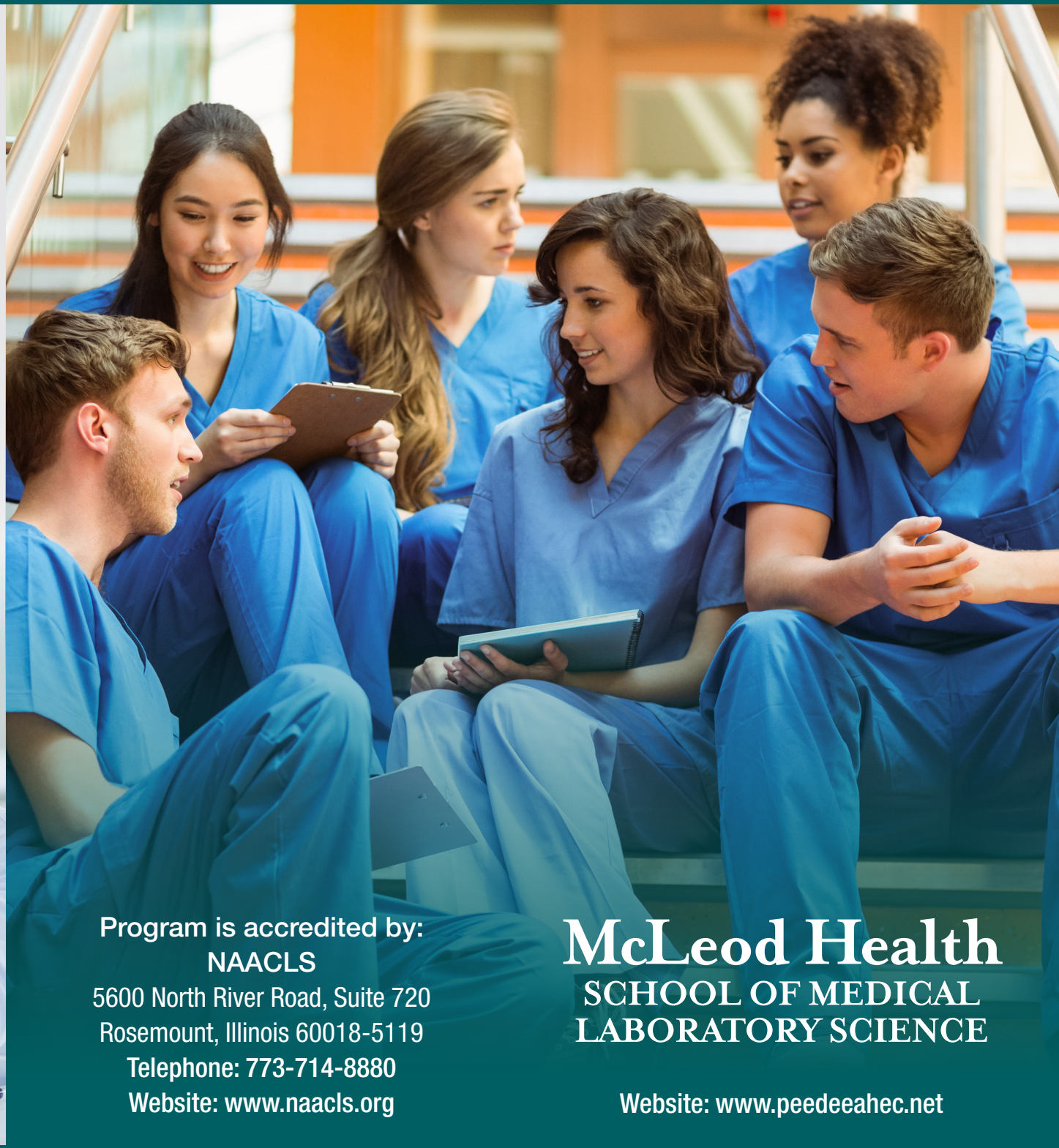
OVERVIEW OF PROGRAM

The McLeod Health School of Medical Laboratory Science is located on the McLeod Regional Medical Center (MRMC) campus in Florence, SC, with satellite clinical sites. The hospital-based program was established in 1977 to help provide qualified medical laboratory scientists to the Pee Dee region. Medical laboratory scientists collaborate very closely with physicians and other healthcare professionals in diagnosing and monitoring disease processes as well as monitoring the effectiveness of therapy.

The faculty is composed of various medical laboratory professionals. Students rotate through Hematology, Immunochemistry, Microbiology, Blood Bank, Body Fluids, Coagulation, Urinalysis, and Phlebotomy for three to ten weeks per section.



Program is accredited by:
NAACLS
5600 North River Road, Suite 720
Rosemount, Illinois 60018-5119
Telephone: 773-714-8880
Website: www.naacls.org

McLeod Health
SCHOOL OF MEDICAL LABORATORY SCIENCE

Website: www.peedeeahec.net

ADMISSION REQUIREMENTS

A. MRMC Requirements for All Students

Overall GPA 2.5 or higher

Science GPA 2.6 or higher

SAT > 480 each for verbal and math

ACT > 19 overall score

GRE > 140 each for verbal and quantitative reasoning

Fulfillment of Preclinical curriculum

TOEFL report if English is not first language

Three professional personal references

Personal interview

The GPA is based on ABCDF where 4.0 is an A. All math, science, and computer courses used to calculate science GPA. All graded courses completed are used to calculate the overall GPA.

B. Students with Baccalaureate Degree (4+1)

Biology Minimum 16 semester hours.
Required: Microbiology & Immunology

Chemistry Minimum 16 semester hours.
Required: 8 hours from Organic, Quantitative Analysis, and/or Biochemistry

* Biology and Chemistry courses must have been completed no longer than seven years ago. Survey courses will not satisfy requirements.

Math Minimum 6 semester hours.
Statistics is required. Remedial math will not satisfy this requirement.

Computer Science 3 hours recommended

C. Students working toward a degree (3+1)

Completion of courses listed above with "C" or better.

Completion of curriculum as outlined in current catalog from affiliated academic institution (Coker University or Francis Marion University).

Letter from registrar's office stating that applicant has completed all requirements for graduation except the clinical program.

PROGRAM INFORMATION

Length of Program 12 months
New Class Begins August
Class Size Limited to 8
Hours of Operation Monday – Friday
7:00 a.m. to 4:00 p.m.
Tuition (subject to change) $3600
Textbooks Approximately $800.00
Application Fee $50.00 (nonrefundable)
Deposit (if accepted) $500.00 (nonrefundable)
Platinum Planner
Student Account Approximately $80.00

To receive an application or further information, contact:

McLeod Regional Medical Center
April B. Orange, MM, MLS(ASCP)^{CM}
Program Director
PO Box 100551
Florence, SC 29502-0551
Telephone: 843-777-2497
Email: aorange@mcleodhealth.org
Website: www.peedeeahec.net

Deadline for application is March 1.

COURSE DESCRIPTIONS

The program integrates classroom lectures and practical experience. Students receive practical experience in each department of the clinical laboratory. The laboratory experience includes principles of instrumentation, quality review, problem solving, correlation of diagnosis with clinical findings, and computer applications for handling patient data.

Courses include:

Clinical Hematology MLS 405
4 semester hours; Study of blood cell formation, function, and disorders.

Hemostasis MLS 410
2 semester hours; Study of hemostasis and disorders.

Instrumentation and Methods MLS 415
2 semester hours; Study of methodologies and principles of instrumentation used in the clinical laboratory.

Clinical Chemistry MLS 420
4 semester hours; Study of chemical analytes assayed in medical setting and related disease states.

Clinical Microbiology MLS 425
4 semester hours; Study of the bacterial agents of human infections.

Parasitology, Mycology, & Virology MLS 430
3 semester hours; Study of clinically significant parasites, viruses, and fungi.

Clinical Microscopy MLS 440
2 semester hours; Study of urine/body fluids and disorders.

Immunohematology MLS 450
4 semester hours; Study of blood banking principles and practice.

Clinical Immunology MLS 455
3 semester hours; Study of human immune system and deficiencies.

Medical Laboratory Systems MLS 460
2 semester hours; Topics in management, medical terminology, education, and phlebotomy.