

DEPARTMENT OF ALLIED HEALTH SCIENCES

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The department offers allied health education programs leading to the following Bachelor of Science Degrees: Communicative Disorders, Dietetics, and Health Sciences. Students majoring in Health Science will select one of the concentration focus areas: Advanced Cardiopulmonary Care, Athletic Training Science, Cardiovascular Technology, Cytotechnology, Pre-Professional, Supervision and Management or Wellness and Sports Science. The department also offers the Associate of Science Degree for students majoring in Cardiopulmonary Care Science. In addition, the department offers a post-baccalaureate Dietetic Internship Program.

Students completing the Communicative Disorders program are eligible for licensure in Louisiana as a Speech Therapy Assistant and formal graduate study. The Didactic Program in Dietetics (DPD) is nationally accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association (ADA). The Athletic Training Science Concentration is nationally accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The Cytotechnology concentration is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the Cytotechnology Programs Review Committee of the American Society of Cytopathology.

The Cardiopulmonary Care Science Program and the advanced course offerings in Respiratory Therapy are nationally accredited by CAAHEP in cooperation with the Committee on Accreditation for Respiratory Care (CoARC). The advanced course offerings in Respiratory Therapy meet the criteria for optional/advanced credentialing administered by the National Board for Respiratory Care (NBRC).

Admission to Programs

Due to the limited number of faculty and available clinical resources, a quota has been placed on the number of students admitted to clinical courses within the programs of the department. To be admitted to one of the programs, a student must first meet the requirements of the university and then make separate applications to the appropriate program. The policy outlining the admission process as well as expenses unique to allied health education programs may be obtained from the specific program director.

Student Responsibility

The university assumes no responsibility for successful completion of any type of standardized or professional examinations which the student is required or desires to take to complete requirements for certification, registration, and/or licensure.

COMMUNICATIVE DISORDERS PROGRAM

The university awards the Bachelor of Science degree with a major in Communicative Disorders to the student upon successful completion of the curriculum listed below. This program of study includes academic and clinical education experiences. Upon completion of the program of study, the student is eligible for licensure in Louisiana as a speech therapy assistant and formal graduate study. A master's degree is required for anyone seeking certification.

Bachelor of Science Degree in Communicative Disorders

CLR - Computer Literacy Requirement **GER** - General Education Requirement
OCR - Oral Communication Requirement **UR** - University Requirement

Suggested Course Sequence:

	Sem. Hrs.
FRESHMAN YEAR	
BIOL (GER)	6
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST Sequence (GER)	6
MATH 101, 102 or 110 (GER)	6
PSYC 101 (GER)	3
SPCH 101 (OCR)	3
	31
SOPHOMORE YEAR	
COMD 278, 279, 281, 327	12
EDUC 211	3
ENGL 251 or 252 or 255 or 256 (GER) and 368 (GER)	6
FACS 231	3
PSYC 212	3
SOCI 204 (GER)	3
	30
JUNIOR YEAR	
COMD 330, 340, 350, 380, 384, 386, 390, 395, 397	27
PHYS 121 (GER)	3
PSYC 208	3
	33
SENIOR YEAR	
Fine Arts Elective (GER)	3
COMD 400, 410, 415, 430, 436, 440	16
Computer Literacy Elective (CLR)	3
FACS 460	3

NURS 311, 315	<u>4</u>
	29
Total Hours Required for Degree:	123

DIETETICS PROGRAM

The university awards the Bachelor of Science degree with a major in Dietetics to students upon successful completion of the Didactic Program in Dietetics (DPD) curriculum listed below. The department offers a verification statement to students upon successful completion of the Dietetic Internship (DI) curriculum listed below. The two Dietetic curricula have been granted full accreditation by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association (ADA) (120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 1.800.877.1600 extension 5400).

The DPD curriculum includes academic, laboratory, and clinical education experiences. (DPD students have the option to obtain a minor in Culinary Arts or Business Administration.) Upon completion of a DPD and maintenance of a minimum GPA (as stated in the DPD Student Handbook), students may request a verification statement from the program director, which is required for application to an accredited supervised practice program (Dietetic Internship). Completion of the DPD does not guarantee the student's eligibility for a verification statement.

The DI program is a post-baccalaureate program of study (DIET 591 and 592) that includes didactic experiences and a minimum of 960 hours of supervised clinical practice at affiliate health care institutions. The DI program provides a verification statement to the student upon successful completing the program which qualifies him/her to sit for the National Registration Examination of Registered Dietitian (RD) administered by the American Dietetic Association's Commission on Dietetic Registration. The DI program selectively admits six students per year utilizing D&D Digital computer matching process. Admission requirements include completion of a baccalaureate degree from a CADE accredited college or university with a major in nutrition, dietetics, or related field. A DPD verification statement must be presented upon application. Applications can be obtained from the Nicholls State University website or the student's assigned academic advisor.

Bachelor of Science Degree in Dietetics

CLR - Computer Literacy Requirement **GER** - General Education Requirement
OCR - Oral Communication Requirement **UR** - University Requirement

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
BIOL 114, 115, 116, 117 (GER)	8
ENGL 101, 102 (GER)	6
DIET 111	3
Freshman Seminar Course (UR)	1
HPED Activity	2

MATH 101 (GER)	3
PSYC Elective (GER)	3
SOCI 151 (GER)	<u>3</u>
	29
SOPHOMORE YEAR	Sem. Hrs.
BIOL 203	3
CHEM 101 (GER), 208	6
CMPS 101 (CLR)	3
DIET 120, 200, 201, 215, 264	11
HIST Sequence (GER)	6
MATH 214 (GER)	<u>3</u>
	32
JUNIOR YEAR	Sem. Hrs.
ACCT 205	3
DIET 301, 305, 316, 330, 390	15
ECON 255 (GER)	3
ENGL Literature Elective (GER)	3
FACS 262 or SPCH 101 (OCR)	3
MKTG 300	3
MNGT 301	3
NURS 311	<u>1</u>
	34
SENIOR YEAR	Sem. Hrs.
Fine Arts Elective (GER)	3
AHSC 221, 440	6
DIET 404, 410, 418, 419, 459, 495	15
ENGL 468	3
Electives (300+)	<u>3</u>
	30
Total Hours Required for Degree	125

Courses in major are taken in a sequential order. Students should obtain a curriculum plan from their assigned advisor.

HEALTH SCIENCES PROGRAM

The university awards the Bachelor of Science Degree in Health Sciences upon successful completion of a concentration curriculum listed below. The Health Sciences curriculum is designed for both the entry-level student and the credentialed health care professional. Health care professionals who have completed an Associate of Science or Associate of Applied Science degree in a health related discipline and/or have professional credentials to practice in their respective fields and validated work experience as a health care provider may petition the department for Advanced Standing.

Advanced Standing

Advanced Standing may be granted to credentialed and/or licensed health care professionals enrolled in the Bachelor of Science Degree in Health Sciences. The Advanced Standing pathway is designed to validate and award credit for existing knowledge while remaining consistent with the individuals' current scope-of-practice. Upon completion of AHSC 440, 442, and 450, credentialed and/or licensed health care professionals, who have completed an accredited program recognized by a national or state health professions regulatory body, may be granted up to 30 hours of credit towards a Health Science Concentration.

Concentrations

Students must select a concentration area in Advanced Cardiopulmonary Care, Athletic Training Science, Cardiovascular Technology, Cytotechnology, Pre-Professional, Supervision and Management, or Wellness and Sports Science.

Advanced Cardiopulmonary Care Concentration - is composed of advanced course offerings in Respiratory Therapy and Cardiology. Upon successful completion of specific advanced course offerings, students may acquire advanced multi-skills and credentialing options in (a) Certified and/or Registered Pulmonary Function Technologist; (b) Specialist in Perinatal/Pediatric Respiratory Care; (c) Registered Respiratory Therapist; (d) Cardiac Ultrasound Technology; or (e) Invasive Cardiovascular Monitoring.

Athletic Training Science Concentration (AHAT) - is a selective admission program which prepares students to become highly qualified allied health professionals. The student will be educated and experienced in multidisciplinary areas dealing with the health care problems of the physically active. The program of study includes academic, laboratory and clinical experiences in professional, intercollegiate, and interscholastic sport teams, and clinical affiliate settings. Upon completion of the curriculum, the student is eligible to sit for the Board of Certification (BOC) Examination to become a nationally Certified Athletic Trainer (ATC). Graduates are also eligible for state licensing in Athletic Training by the Louisiana State Board of Medical Examiners (LSBME). Employment opportunities include interscholastic athletic programs, intercollegiate athletic programs, professional athletic teams, corporate health programs, sports medicine clinics, health clubs, and clinical and industrial health care programs.

The curriculum is composed of two phases: pre-professional and professional (clinical). A student may enroll at anytime in the pre-professional phase of the curriculum. Students wishing to register for the professional/clinical phase of the curriculum must submit an application of admission into the program no later than May 31st. Acceptance into the professional/clinical phase is based on:

1. A minimum cumulative grade point average of 2.5 at the completion of the pre-professional phase.
2. Completion of an application for admission to Athletic Training Science, including a review of the Technical and Performance Standards of an entry-level athletic trainer.

Students accepted into the professional/clinical phase must submit proof (or waiver) of hepatitis B vaccination, negative tuberculosis test or chest x-ray, and proof of malpractice liability insurance coverage. Continued progression in the

curriculum, students must maintain a minimum grade of "C" in all major coursework.

Students seeking transfer or re-entry into the program must have a transcript of prior credits on file in the Office of Records and Registration and must be evaluated by said office before a request for admission to courses titled Athletic Training Science. Those applicants not accepted into the professional clinical phase may receive counseling regarding alternative career plans. This curriculum is subject to change as deemed necessary by the faculty and administration to ensure an effective program of study that is reflective of the breadth, depth and scope-of-practice of the athletic training discipline.

Cardiovascular Technology Concentration (AHCV) - is composed of coursework emphasizing cardiovascular study leading to advanced multi-skilling and credentialing options in Electrocardiography and Cardiac Ultrasound.

Cytotechnology Concentration (AHCT) - is an academic partnership between Nicholls State University and Terrebonne General Medical Center. The curriculum prepares students to assist pathologists in diagnosing cellular samples under the microscope for early detection of infectious, pre-cancerous, and cancerous diseases. Admission to the clinical phase of the program during the senior year is highly selective and limited as mandated by the national accrediting agency. The program of study is designed to produce educationally sound and clinically competent Cytotechnologist employable in rural and urban health care centers, private laboratories, and research facilities. Graduates will be eligible to complete the National Registry Examination for Cytotechnologist administered by the American Society of Clinical Pathologists.

Students who apply for admission into senior-level clinical Cytotechnology courses must submit an application to the Program Director no later than April 15th. Acceptance into the clinical phase of the program is based on:

3. Completion of all prerequisite (pre-clinical) course work with a minimum cumulative grade point average of 2.5.
4. Completion of an application for admission to the clinical phase of the program, including a review of the Technical and Performance Standards of an entry-level Cytotechnologist.

Pre-Professional Concentration (AHPP) - prepares the student in the various pre-professional phases for advanced allied health programs of study. Concentration offers the prerequisites required for their acceptance and entrance into their respective professional degree program.

Supervision and Management (AHSM) - prepares students to assume middle management, supervisory, or coordinator positions in a health care agency or formal graduate study in health care management, public health, or health care administration and services.

Wellness and Sports Science (AHWS) - prepares students for areas in strength and conditioning, wellness promotion, health and fitness instruction, exercise specialization, and formal graduate study.

Bachelor of Science Degree in Health Sciences

- Advanced Cardiopulmonary Care Concentration (AHCP)
- Athletic Training Science Concentration (AHAT)
- Cardiovascular Technology Concentration (AHCV)
- Cytotechnology Concentration (AHCT)
- Pre-Professional Concentration (AHPP)
- Supervision and Management Concentration (AHSM)
- Wellness and Sports Science Concentration (AHWS)

CLR - Computer Literacy Requirement **GER** - General Education Requirement
OCR - Oral Communication Requirement **UR** - University Requirement

Suggested Course Sequence:

FRESHMAN YEAR	Sem. Hrs.
BIOL 114-115, 116-117 (GER)	8
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
HIST Sequence (GER)	6
MATH 101, 102 or 214(GER)	6
PSYC 101 (GER)	3
	30
SOPHOMORE YEAR	Sem. Hrs.
CHEM 101 or 105 (GER)	3
Computer Literacy Elective (CLR)	3
Social Science Elective (200+) (GER)	3
ENGL Literature Elective (GER)	3
Fine Arts Elective (GER)	3
SPCH 101 (OCR)	3
Approved Electives	12
	30
JUNIOR YEAR	Sem. Hrs.
ENGL 310, 368, 468 or BSAD 310 (GER)	3
Concentration Courses (See below)	27
	30
SENIOR YEAR	Sem. Hrs.
Concentration Courses (See below)	31-35
Total Hours Required for Degree	121-125
Advanced Cardiopulmonary Care Concentration (AHCP)	122
Athletic Training Science Concentration (AHAT)	125
Cardiovascular Technology Concentration (AHCV)	122
Cytotechnology Concentration (AHCT)	121
Pre-Professional Concentration (AHPP)	123
Supervision and Management Concentration (AHSM)	123
Wellness and Sports Science Concentration (AHWS)	123

Courses in major should be taken in a sequential order. Students should obtain a curriculum plan from the department.

Advanced Cardiopulmonary Care Concentration (AHCP) (59 hours required)
 RSPT 301 (3) AHSC 424 (3)

RSPT 302 (3) AHSC 440 (3)
 RSPT 303 (3) AHSC 442 (3)
 RSPT 304 (3) AHSC 450 (3)
 RSPT 305 (2) Professional Credential/License
 RSPT 306 (3) (30 sem. hrs.)

Athletic Training Science Concentration (AHAT) (62 hours required)

AHSC 410 (3) ATSC 300 (3)
 AHSC 450 (3) ATSC 325 (3)
 ATSC 101 (1) ATSC 350 (3)
 ATSC 102 (1) ATSC 380 (3)
 ATSC 220 (3) ATSC 391 (3)
 ATSC 222 (3) ATSC 392 (3)
 ATSC 230 (3) ATSC 423 (3)
 ATSC 232 (1) ATSC 475 (3)
 ATSC 250 (2) ATSC 480 (3)
 ATSC 280 (3) ATSC 491 (3)
 ATSC 291 (2) ATSC 492 (3)
 ATSC 292 (2) ATSC 499 (2)

Cardiovascular Technology Concentration (AHCV) (59 hours required)

AHSC 301 (3) AHSC 424 (3)
 AHSC 302 (3) AHSC 440 (3)
 AHSC 303 (3) AHSC 442 (3)
 AHSC 401 (4) AHSC 450 (3)
 AHSC 402 (4)

Concentration Option A or B (30 hours required)

<u>Option A</u>	<u>Option B</u>
AHSC 220 (3)	Advanced standing may be granted to
AHSC 221 (3)	credentialed and/or licensed health
AHSC 308 (3)	care professionals (30 sem. hrs.)
AHSC 408 (3)	
DIET 200 (3)	
DIET 330 (3)	
PSYC 212 (3)	
Electives (9)	

Cytotechnology Concentration (AHCT) (58 hours required)

BIOL 203 (3) CYTO 408 (2)
 BIOL 204 (1) CYTO 410 (4)
 BIOL 304 (5) CYTO 412 (3)
 CHEM 106 (3) CYTO 414 (2)
 CHEM 110 (2) CYTO 420 (2)
 CHEM 221 (3) CYTO 421 (2)
 CYTO 400 (2) CYTO 422 (1)
 CYTO 401 (3) CYTO 430 (1)
 CYTO 402 (6) CYTO 440 (4)
 CYTO 404 (6) CYTO 450 (3)

Pre-Professional Concentration (AHPP) (59 hours required)
 AHSC 306 (3) CHEM 110 (2)

AHSC 308 (3)	PHYS 101 (3)
AHSC 408 (3)	PHYS 102 (3)
AHSC 412 (3)	PHYS 103 (1)
AHSC 420 (3)	PHYS 104 (1)
AHSC 436 (3)	PSYC 208 (3)
AHSC 442 (3)	Concentration Electives (12 sem. Hrs.)
AHSC 450 (3)	from the following areas:
BIOL 203 (3)	AHSC, BIOL, CHEM, NURS, SOCI
BIOL 204 (1)	(6 sem hrs. must be 300-level or
CHEM 105 (3)	above).

Supervision and Management Concentration (AHSM) (60 hours required)

AHSC 440 (3)	MNGT Elective (3)
AHSC 442 (3)	MNGT 440 (3)
AHSC 450 (3)	MNGT 445 (3)
MKTG 470 (3)	MNGT 450 (3)
MNGT 367 (3)	MNGT 470 (3)

Concentration Option A or B (30 hours required)

<u>Option A</u>	<u>Option B</u>
ACCT 205 (3)	Advanced standing may be granted to
ACCT 206 (3)	credentialed and/or licensed health
AHSC 408 (3)	care professionals (30 sem. hrs.)
BSAD 221 (3)	
CIS 231 (3)	
DIET 330 (3)	
ECON 212 (3)	
NURS 352 (3)	
Electives (6)	

Wellness and Sports Science Concentration (AHWS) (60 hours required)

AHSC 220 (3)	AHSC 438 (3)
AHSC 306 (3)	AHSC 450 (3)
AHSC 308 (3)	ATSC 220 (3)
AHSC 408 or ATSC 380 (3)	ATSC 222 (3)
AHSC 410 (3)	ATSC 423 (3)
AHSC 412 (3)	DIET 200 (3)
AHSC 420 (3)	HPED 236 (2)
AHSC 424 or ATSC 475 (3)	HPED 325 (3)
AHSC 432 (3)	HPED 360 (3)
AHSC 436 (4)	HPED 375 (3)

CARDIOPULMONARY CARE SCIENCE PROGRAM

The university awards the Associate of Science degree to students who successfully complete the two-year curriculum in Cardiopulmonary Care Science. This program prepares students at the entry-level to provide respiratory care techniques and cardiopulmonary testing and monitoring to

patients of all ages. The graduate is a care provider, client teacher, and respected member of the allied health profession.

The program of study includes academic, laboratory, and clinical experiences in hospital and free-standing clinic settings. Upon completion of the program, the student is eligible to complete examinations that lead to dual entry-level credentialing in the allied health disciplines of Respiratory Care and Cardiovascular Technology. These examinations are administered by the National Board for Respiratory Care (NBRC) and Cardiovascular Credentialing International (CCI). Graduates are also eligible for state licensing in Respiratory Care by the Louisiana State Board of Medical Examiners. A student may enroll at anytime in the pre-professional phase of curriculum.

Admission to Professional/Clinical Phase of Curriculum

Students wishing to register for the professional/clinical phase of the curriculum must submit an application to the Department no later than May 1. Acceptance into the professional/clinical phase is based on:

5. A minimum GPA of 2.5 (on a 4.0 scale) in the required support courses and a minimum overall GPA of 2.0.
6. Completion of all required academic course work with a minimum grade of C or better.

For students accepted into the program, a minimum grade of C is required in all courses for that semester to progress in the curriculum sequence.

Students seeking transfer or re-entry into the program must have a transcript of prior credits on file in the Office of Records and Registration and evaluated by said office before a request for admission to courses titled Cardiopulmonary Care Science can be submitted to the program. Qualified applicants with credits in Cardiopulmonary Care who have not been enrolled in an approved program for five years will be required to repeat all professional/clinical courses.

Those applicants not accepted into the clinical courses will receive, at their option, counseling regarding alternate career plans.

This curriculum is subject to change as deemed necessary by the faculty and administration to ensure an effective program of study that is reflective of the breadth, depth, and scope-of-practice.

All required courses must be completed with a minimum grade of C or better to qualify for the degree.

Associate of Science Degree in Cardiopulmonary Care Science

CLR - Computer Literacy Requirement **GER** - General Education Requirement
OCR - Oral Communication Requirement **UR** - University Requirement

Suggested Course Sequence:

FIRST YEAR	Sem. Hrs.
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BIOL 114, 116 (GER)	6
BIOL 115, 117	2
CPCS 101	1
CHEM 101 or 208 (GER)	3
ENGL 101, 102 (GER)	6
Freshman Seminar Course (UR)	1
MATH 101, 102 or 214 (GER)	6
PHSC 101 or PHYS 101	3
PSYC 101 (GER)	3
	31
SUMMER SESSION	Sem. Hrs.
CPCS 150, 151	4
Computer Literacy Elective (CLR)	3
	7
SECOND YEAR	Sem. Hrs.
BIOL 203	3
CPCS 201, 202, 203, 214, 217, 218, 219	18
Fine Arts Elective (GER)	3
HIST Elective (GER)	3
	27
SUMMER SESSION	Sem. Hrs.
CPCS 220, 221, 222	7
	7
Total Hours Required for Degree:	72

Course Offerings

FALL SEMESTER

RSPT 301, 303, 305

SPRING SEMESTER

RSPT 302, 304, 306

Total Credit Hours

Sem. Hrs.

8

Sem. Hrs.

9

17

Respiratory Therapy Advanced Course Offerings

The advanced course offerings in respiratory therapy are an accelerated, non-traditional pathway composed of 17 hours of academic, laboratory, and clinical education experiences that prepare students as advanced level respiratory therapists.

Students applying for admission must be graduates of a CAAHEP accredited entry-level respiratory therapy program, be credentialed as a CRTT/CRT by the National Board for Respiratory Care and/or licensed by the Louisiana State Board of Medical Examiners and be employed by an accredited / licensed health care facility. The student must also have an Associate degree with a minimum of one college course in: (a) Chemistry; (b) Physics; (c) Anatomy and Physiology; (d) Microbiology; (e) Computer Science; (f) Mathematics; and (g) English. It is also suggested that the individual have twelve months of validated clinical experience and be employed by an accredited/licensed health care facility.

Students meeting the general education requirement and successfully completing specific advanced course offerings may qualify for the following credentialing examinations administered by the National Board for Respiratory Care: (a) Certified and/or Registered Pulmonary Function Technologist; (b) Specialist in Perinatal/Pediatric Respiratory Care; or (c) Registered Respiratory Therapist (all 6 courses required).

Advanced course offerings in respiratory therapy are offered in the following semester sequence (a student may enter during any semester).