

# SCHOOL OF HEALTH PROFESSIONS AND WELLNESS

Dean: Christie Shelton  
Associate Dean: Elizabeth Gullede

The School of Health Professions and Wellness was created in 2016 with the intent to house disciplines focused on health and wellness. Currently, departments include: Kinesiology, Nursing, and Respiratory Therapy and offer undergraduate and graduate degrees.

## DEPARTMENT OF KINESIOLOGY

204 MATHEWS COLISEUM

Department Head: TBA  
Professor: Chandler, Overton, Thornburg  
Associate Professor: Hill, Andrews  
Assistant Professor: Anderson  
Instructor: Crosson, Galloway, Gilbert, Mabrey, Rains

The Department of Kinesiology offers three degrees: a Bachelor of Science in Education degree in Physical Education, a Bachelor of Science degree in Exercise Science and Wellness, and a Bachelor of Science degree in Sport Management and Recreation Studies.

Two non-teaching Bachelor of Science degrees are offered with a major **Exercise Science and Wellness** or **Sport Management and Recreation Studies**. Students majoring in **Exercise Science and Wellness** must choose a concentration in either Clinical or Human Performance. Students majoring in **Sport Management and Recreation Studies** must choose a concentration in either Sport Management or Recreational Leadership.

The Department of Kinesiology offers five (5) minors: **Coaching, Community Health, Exercise Science, Recreational Leadership, and Sport Management**.

A **Minor in Coaching** is available for students majoring in non-teaching degree fields. The requirements include 18 hours of coursework: eight hours of core courses (HPE 232, 391, and 405), seven hours of sports pedagogy seminars (HPE 320-331), and a practicum in coaching (HPE 394).

A **Minor in Community Health** is available for students majoring in non-teaching degree fields. A minimum of 18 hours is required, which must include HPE 212, 312, 315, 318, 360, and 420.

A **Minor in Exercise Science** is available for students who are pursuing a non-teaching degree. The requirements for a minor in Exercise Science and Wellness are a minimum of 22 hours, to include the following required courses consisting of 13 semester hours: HPE 109, 165, 362, 400, and 415. The students must choose nine hours of electives from the following courses: HPE 272, 405, 406, or 440.

A **Minor in Recreational Leadership** is available for students majoring in non-teaching degree fields. A minimum of 20 hours, which must include SMR 221, 271, 310, and 486; six hours selected from SMR 275, 301, 302, 312, or 420; and three hours selected from HPE 111, 113, 114, 140, 141, 158, or 164.

A **Minor in Sport Management** comprises of 18 hours of which a student must select from: SMR 335, SMR 340, SMR 355, SMR 450, SMR 476, SMR 331, SMR 425, SMR 466, and SMR 486. A **minor in sport management** is available for students majoring in non-teaching degree fields and may not be taken in conjunction with a major in Recreational Leadership.

## BACHELOR OF SCIENCE

### MAJOR: EXERCISE SCIENCE AND WELLNESS

#### Concentration: Clinical

Students majoring in **Exercise Science and Wellness – Clinical concentration** may attain this degree by completing the 41 hour general studies curriculum; the 45 hour core curriculum (HPE 109, 165, 209, 232, 272, 350, 362, 375, 400, 405, 415, 440, 441, 450 and 465); 16 hours of required pre-professional courses (BY 263, BY 264, CY 105/107, and CY 106/108); 16 hours to complete a biology minor (BY 322, BY 323, BY 373, and four additional hours of advisor approved biology courses); 14 hours of additional requirements (PHS 201/203, PHS 202/204, MS 204 or SY 304, and NU 130); STU 101; and obtaining an advisor approved national certification from the American College of Sports Medicine or National Strength and Conditioning Association. Students will be classified as “ESW\_CLN\_Undecided” majors prior to assessment into the ESW program.

At the completion of the sophomore year, students may seek assessment into the ESW upper level courses upon email invitation from the Kinesiology Office.

Program applications are reviewed and candidates are assessed once per year. All the following criteria must be met:

1. The candidate must have earned a minimum of 60 semester hours of college credit.
2. The candidate must have earned an overall grade point average of 3.25 based upon a 4.00 scale to include all pre-professional courses with a “C” or better. After assessment to the ESW upper level courses (Clinical concentration), the student is required to maintain a minimum 3.25 grade point average. In accordance with the

Department of Kinesiology Grades Dismissal Policy, a student may repeat a professional course only once and may not accumulate more than three (3) grades of "D" or "F" in "professional studies" courses. In accordance with the Department of Kinesiology GPA Dismissal Policy, failure to maintain the appropriate GPA will result in dismissal from the ESW program. Reinstatement to the ESW program is at the discretion of the ESW committee.

3. The candidate must have submitted three (3) written recommendations from professors in the general studies area.
4. The candidate must satisfactorily complete an interview to provide information of the student's personality, interests, and aptitudes consistent with the requirements for a successful ESW career.

**BACHELOR OF SCIENCE  
MAJOR: EXERCISE SCIENCE AND WELLNESS  
Concentration: Clinical**

**FRESHMAN YEAR**

Fall	Spring
EH 101 Comp I .....3	EH 102 Comp II.....3
History /Social/ Behavioral Science* ..... 3	History /Social/ Behavioral Science* .....3
BY 101 and 103 .....4	HPE 165 Intro ESW.....1
HPE 109 Concepts of Wellness .....3	HPE 209 Essentials of Human Performance .....3
CY 105 and 107 .....4	BY 102 and 104 .....4
STU 101 First Year Experience .....0	CY 106 and 108.....4
17	18

**SOPHOMORE YEAR**

Fall	Spring
Lit/Humanities/Fine Arts* .....3	Lit/Humanities/Fine Arts* .....3
EH 141 Oral Communication ..... 3	History /Social/ Behavioral Science* .....3
MS 113 Precalculus Trigonometry* .....3	Basic Statistics Elective** .....3
PSY 201 Principles of Psychology.....3	PSY 222 Human Development .....3
HPE 272 Basic Athletic Training.....3	PHS 201 and 203 College Physics and Lab .....4
HPE 232 Sport Safety and First Aid .....2	BY 263 Anatomy and Physiology I .....4
17	20

**JUNIOR YEAR**

Fall	Spring
BY 322 Genetics .....4	HPE 350 Intro to Personal Training .....3
HPE 362 Kinesiology .....3	BY 323 Microbiology .....4
HPE 375 Therapeutic Exercise/Modalities .....3	HPE 400 Exercise Physiology.....3
BY 264 Anatomy and Physiology II .....4	HPE 415 Biomechanics .....3
PHS 202 and 204 College Physics and Lab.....4	HPE 405 Scientific Prin of Conditioning .....3
18	16

**SENIOR YEAR**

Fall	Spring
BY 373 Cell Biology.....4	NU 130 Medical Terminology .....3
BY Minor Elective .....4	HPE 441 Design of Wellness Programs.....3
HPE 450 Research in ESW .....3	HPE 465 Practicum in ESW .....6
HPE 440 Fitness Testing.....3	
14	12

**TOTAL HOURS: 132**

\*See General Studies Curriculum

\*\*MS 204, PSY 340, or SY 304

**BACHELOR OF SCIENCE**  
**MAJOR: EXERCISE SCIENCE AND WELLNESS**  
**Concentration: Human Performance**

Students majoring in **Exercise Science and Wellness – Human Performance concentration** may attain this degree by completing the 41 hour general studies curriculum; the 44 hour core curriculum (HPE 232, 272, 301, 350, 362, 375, 400, 405, 406, 415, 440, 441, 450 and 465); 13 hours of required pre-professional courses (HPE 109, 165, and 209, FCS 215 or 322, and MS 204 or SY 304); a minimum of 22 hours from a chosen minor and general electives; and obtaining an advisor approved national certification from the American College of Sports Medicine or National Strength and Conditioning Association. Students will be classified as “ESW\_HP\_N\_Undecided” majors prior to assessment for upper level ESW courses.

At the beginning of the sophomore year, students may seek assessment into the ESW upper level courses by filing an application for the ESW - Human Performance track in the Kinesiology Office. The application is available in the departmental office.

Program applications are reviewed and candidates are assessed once per year. All the following criteria must be met:

1. The candidate must have earned a minimum of 60 semester hours of college credit.
2. The candidate must have earned an overall grade point average of 2.50 based upon a 4.00 scale to include all pre-professional courses with a “C” or better. After assessment to the upper level ESW courses (Human Performance concentration), the student is required to maintain a minimum 2.50 grade point average. In accordance with the Department of Kinesiology Grades Dismissal Policy, a student may repeat a professional course only once and may not accumulate more than three (3) grades of “D” or “F” in “professional studies” courses. In accordance with the Department of Kinesiology GPA Dismissal Policy, failure to maintain the appropriate GPA will result in dismissal from the ESW program. Reinstatement to the ESW program is at the discretion of the ESW committee.
3. The candidate must have submitted three (3) written recommendations from professors in the general studies area.
4. The candidate must satisfactorily complete an interview to provide information of the student’s personality, interests, and aptitudes consistent with the requirements for a successful ESW career.

**BACHELOR OF SCIENCE**  
**MAJOR: EXERCISE SCIENCE AND WELLNESS**  
**Concentration: Human Performance**

**FRESHMAN YEAR**

Fall	Spring
EH 101 Comp I .....3	EH 102 Comp II.....3
History/Social/Behavioral Science* ..... 3	EH 141 Oral Communication .....3
BY 101 and 103 .....4	HPE 165 Intro ESW.....1
HPE 109 Concepts of Wellness .....3	HPE 209 Essentials of Human Performance .....3
Minor/ Approved Electives .....1	Lit/Humanities/Fine Arts* .....3
STU 101 First Year Experience .....0	History/Social/Behavioral Science .....3
14	16

**SOPHOMORE YEAR**

Fall	Spring
Lit/Humanities/Fine Arts* .....3	Lit/Humanities/Fine Arts* .....3
History/Social/Behavioral Science* ..... 3	History/Social/Behavioral Science* .....3
MS 112 Precalculus Algebra* .....3	Basic Statistics Elective** .....3
Minor/ Approved Electives .....3	HPE 232 Sport Safety and First Aid .....2
BY 263 Anatomy and Physiology .....4	HPE 272 Basic Athletic Training.....3
16	17

**JUNIOR YEAR**

Fall	Spring
HPE 301 Industry Management .....3	HPE 350 Intro to Personal Training .....3
HPE 362 Kinesiology .....3	HPE 375 Therapeutic Exercise/Modalities.....3
HPE 400 Exercise Physiology .....3	HPE 406 Physical Fitness Techniques .....3
HPE 405 Scientific Principles of Conditioning .....3	HPE 415 Biomechanics .....3
Minor/ Approved Electives .....3	Minor/ Approved Electives .....6
15	18

## SENIOR YEAR

Fall	Spring
Minor/ Approved Electives .....6	Minor/ Approved Elective .....3
HPE 440 Fitness Testing .....3	HPE 441 Design of Wellness Programs .....3
HPE 450 Research in ESW .....3	HPE 465 Practicum in ESW .....6
12	12

**TOTAL HOURS: 120**

\*See General Studies Curriculum

\*\*MS 204, PSY 340, or SY 304

## BACHELOR OF SCIENCE IN EDUCATION

### Teaching Field: Physical Education (P-12)

Students who meet the requirements for education degree programs will be eligible to apply for a baccalaureate level Professional Certificate and will be qualified to teach Physical Education in grades P through 12. Of the 120 hours required to attain the Bachelor of Science in Education degree, the Physical Education major must successfully complete a minimum of 50 hours of teaching field and departmental courses, including HPE 109, 145, 146, 232, 303, 305, 355, 356, 357, 362, 381, 394, 400, 405, 415, 460, one hour of fitness activity, one hour of dance activity, one hour of aquatics activity, and SMR 271. Professional studies courses (29 hours) are also required, which include: ED 300, SPE 300, 409, 410, 411, 462, and internship consisting of HPE 482, ED 495 and ED 496. The following courses must be taken prior to teacher education eligibility: HPE 303, 355, 356, 357, ED 300, and SPE 300. While Physical Education is housed in the School of Health Professions and Wellness within the Department of Kinesiology, students must adhere to all rules and policies set forth by the Teacher Education Services to comply with Alabama State Department of Education requirements. Physical Education (teacher education) degree requirements may be altered to meet changes in federal and Alabama State Department of Education regulations.

## FRESHMAN YEAR

Fall	Spring
EH 101 Comp I .....3	HPE 109 Concepts of Wellness .....3
History/Literature * ..... 3	BY 101 and 103 .....4
Lit/Fine Arts/HY/Soc Scien .....3	History/Literature* .....3
Soc and Beh Science .....3	MS 110 Finite Mathematics .....3
HPE Approved Activity .....1	EH 102 Comp II.....3
HPE Approved Activity .....1	
HPE 232 Sports Safety and First Aid.....2	
STU 101 First Year Experience ..... 0	
16	16

## SOPHOMORE YEAR

Fall	Spring
History/Literature* .....3	HPE Aquatics Activity .....1
Fine Arts/Soc and Beh Science .....3	HPE 146 Individual and Dual Sports Skills .....2
EH 141 Oral Communication .....3	HPE 362 Kinesiology .....3
BY 263 Anatomy and Phys .....4	HPE 405 Scientific Prin Conditioning .....3
HPE 305 Measurement and Assessment .....3	HPE 460 Motor Dev.....3
16	15

## JUNIOR YEAR

Fall	Spring
ED 300 Intro to Education.....2	HPE 355 Intro Methods of Elem. HPE.....3
HPE 303 Foundations of HPE .....3	HPE 356 Intro Methods of Sec HPE .....3
SPE 300 Survey of Ex Child .....3	HPE 357 21 <sup>st</sup> Century Learning in HPE .....3
HPE 400 Exercise Physiology .....3	HPE 415 Biomechanics.....3
HPE 145 Team Sports .....2	HPE 381 Adapted PE .....3
SMR 271 Rec Games .....2	
15	15

## SENIOR YEAR

Fall	Spring
HPE 394 Coaching Skills Practicum.....3	HPE 482 Seminar in HPE .....3
HPE 409 Meth Teach PE P-5 .....3	ED 495 Internship in Education.....6
HPE 410 Meth Teach PE 6-12 .....3	ED 496 Reflective Practices in Ed. ....3
HPE 411 Practicum PE P-12 .....3	
HPE 462 Effective Teaching in HPE .....3	
15	12

**TOTAL HOURS: 120**

\*See General Studies Curriculum

Note: All professional education courses and selected teaching field courses must be completed at JSU and may not be transferred from another institution. Please check with your academic department for a complete list of these courses.

## BACHELOR OF SCIENCE

### MAJOR: SPORT MANAGEMENT AND RECREATIONAL STUDIES

#### Concentration: Recreational Leadership

Students pursuing a concentration in Recreational Leadership may attain this degree by completing 10 hours of pre-professional courses from: HPE 109, HPE 232, SMR 221, and SMR 271; 24 hours of degree requirements from: SMR 340, 355, 450, 476, 486, 490, and 492; and 15 hours of recreation concentration courses from: SMR 310, 311, 312, 360, and 420; and nine hours of recreation electives from: SMR 275, 301, 302, 321, 322, and HPE 301; three hours of activity courses; and 18-24 hours of minor courses with approval of advisor.

## FRESHMAN YEAR

Fall	Spring
EH 101 Comp I .....3	EH 102 Comp II.....3
MS 110 Finite Mathematics.....3	Humanities/Fine Arts .....3
History/Social Behavioral Science .....3	History/Social/ Behavioral Science .....3
HPE 109 Concepts of Wellness .....3	Natural Science .....4
Humanities/Fine Arts.....3	EH 141 Oral Communication.....3
STU 101 First Year Experience .....0	
15	16

## SOPHOMORE YEAR

Fall	Spring
Humanities/Fine Arts.....3	History/Social/Behavioral Science .....3
History/Social/Behavioral Science.....3	SMR 271 Recreational Games/Group Dev .....2
SMR 221 Fdn of Sport Mgmt and Rec.....3	Minor Electives .....9
Natural Science.....4	
HPE 232 Sport Safety and First Aid .....2	
15	14

## JUNIOR YEAR

Fall	Spring
SMR 310 Camping and Outdoor Ed .....3	SMR 311 Recreation for the Aged .....3
SMR 355 Finance in Sport Mgmt and Rec .....3	SMR 312 Org and Adm Camp Program .....3
SMR 420 Youth Dev Leadership.....3	SMR 360 Challenge Course Programs.....3
SMR 486 Sport Mgmt and Rec Prom/Event Plan...3	SMR 340 Legal and Ethical Sport Mgmt and Rec ...3
Recreation Elective.....3	SMR 476 Marketing in Sport Mgmt and Rec .....3
	Activity Course .....2
15	17

**SENIOR YEAR**

Fall	Spring
SMR 450 Sport and Rec Facility Mgmt .....3	Recreation Electives.....3
SMR 490 Sport Mgmt and Rec Admin.....3	Minor Elective .....3
Recreation Electives.....3	SMR 492 Internship in Sport Mgmt and Rec ..... 6
Minor Electives.....6	
Activity Course .....1	
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16	12

**TOTAL HOURS: 120**

**BACHELOR OF SCIENCE  
MAJOR: SPORT MANAGEMENT AND RECREATION STUDIES  
Concentration: Sport Management**

Students pursuing a concentration in Sport Management may attain this degree by completing 9-10 hours of pre-professional courses from: MS 204 or ST 260/261, SMR 221, and SMR 231; 24 hours of degree requirements from: SMR 340, 355, 450, 476, 486, 490, and 492; and 15 hours of sport management concentration courses from: EC 455, SMR 331, 425, 440, 466, and 486; and 12 hours of required sport management electives from: ACC 200, HPE 301, MKT 301, MKT 361, MKT 374, SMR 321, SMR 322, and SMR 335; and 18-24 hours of minor courses and general electives with approval of advisor.

**FRESHMAN YEAR**

Fall	Spring
EH 101 Comp I .....3	EH 102 Comp II.....3
MS 112 Precalculus Algebra .....3	Humanities/Fine Arts .....3
History/Social Behavioral Science .....3	History/Social/ Behavioral Science .....3
Natural Science.....4	Natural Science .....4
Humanities/Fine Arts.....3	EH 141 Oral Communication.....3
STU 101 First Year Experience .....0	
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16	16

**SOPHOMORE YEAR**

Fall	Spring
Humanities/Fine Arts.....3	History/Social/Behavioral Science .....3
EC 221 Microeconomics .....3	MS 204 Basic Statistics.....3
SMR 221 Fdn of Sport Mgmt and Rec.....3	Minor Electives .....6-9
SMR 231 History of Sport .....3	Sport Mgmt Elective.....3
Minor Electives..... 3-6	
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15-18	15-18

**JUNIOR YEAR**

Fall	Spring
SMR 355 Finance in Sport Mgmt and Rec .....3	EC 455 Sport Economics .....3
SMR 425 Cont Issues in Sport .....3	SMR 331 Topics in International Sport .....3
SMR 466 Public and Media Relations .....3	SMR 340 Legal & Ethical Sport Mgmt and Rec .....3
SMR 486 Sport Mgmt and Rec Prom/Event Plan...3	SMR 476 Marketing in Sport Mgmt and Rec .....3
Sport Mgmt Elective .....3	Sport Mgmt Elective.....3
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15	15

**SENIOR YEAR**

Fall	Spring
SMR 450 Sport and Rec Facility Mgmt .....3	Sport Mgmt Elective.....3
SMR 490 Sport Mgmt and Rec Admin.....3	Minor Electives .....3-6
Sport Mgmt Elective .....3	SMR 492 Internship in Sport Mgmt and Rec .....6
Minor Electives..... 6-9	
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15-18	12-15

**TOTAL HOURS: 120**

**HEALTH AND PHYSICAL EDUCATION (HPE)  
GENERAL SERVICE COURSES  
COURSE DESCRIPTIONS**

104. **Aerobics and Fitness (3).** The course is designed to provide students with various aerobically based activities for overall fitness and health of the body.
108. **Pound (2).** A basic introduction to drumming skills used for improving cardiovascular fitness.
109. **Concepts of Wellness (3).** Study of basic concepts of wellness, including nutrition, cancer prevention, addictions, and STDs, and physical fitness, including principles of exercise, stress management, weight control, and the management of emergencies, accidents, and injuries.
110. **Barre Pilates (2).** An introduction to the basics of ballet, fitness, strength, and pilates. **111. Beginning Hiking (1).** Basic skills in hiking, including planning, clothing, map reading, safety, types of hikes and hiking trips (TBA).
113. **Mountain Biking (1).** Basic skills in off-road cycling.
114. **Bicycling (1).** An introductory course in the lifetime activity of cycling. A 10-hour lab is required. The safety, repair, riding, and value are covered.
115. **Beginning Fitness (1).** Introduction to basic physical fitness activities.
116. **Body Shaping (3).** An introduction to the basic principles of fitness as they relate to fatty weight loss and muscular development.
117. **Introduction to Yoga (1).** An introduction course in the ancient system of mind-body exercise that offers benefits, including increased flexibility, greater strength, and improved concentration.
118. **Beginning Bowling (1).** Basic skills in bowling. Elective credit only; cannot be used to satisfy HPER requirements.
119. **Beginning Fencing (1).** Basic skills in foil fencing. Elective credit only; cannot be used to satisfy HPER requirements.
120. **Introduction to Pilates (2).** The purpose of this course is to provide an introduction to Pilates consisting of safety considerations, breathing techniques, and exercises for upper and lower body strength and endurance, core strength and endurance, and flexibility.
121. **Beginning Weight Training (2).** Basic skills in weight training.
122. **Beginning Tennis (1).** Basic skills in tennis.
123. **Beginning Racquetball (1).** Basic skills in racquetball.
124. **Beginning Golf (1).** Basic skills in golf.
125. **Beginning Archery (1).** Basic skills in archery. Elective credit only; cannot be used to satisfy HPER requirements.
126. **Beginning Volleyball (1).** Basic skills in volleyball. Elective credit only; cannot be used to satisfy HPER requirements.
127. **Net Games (1).** Basic skills in badminton, pickle ball, and deck tennis.
128. **Table Games (1).** Basic skills in table tennis and billiards. Elective credit only; cannot be used to satisfy HPER requirements.
130. **Tap/Clogging Dance (1).** Basic skills in tap and clogging dancing.
132. **Folk/Square Dance (1).** Basic skills in folk and square dancing.
134. **Social/Ballroom Dance (1).** Basic skills in social and ballroom dancing.
136. **Ballroom, Fox Trot (1).** Introduction to Foxtrot, Slow Waltz, Viennese Waltz, and American Tango dances.
137. **Ballroom, Latin (1).** Introduction to Latin dance steps, such as merengue and salsa.
138. **Swing (1).** Instruction in "swing" dance steps, such as swing, jitterbug, rock and roll.
139. **Line Dancing (1).** Performing dance movements in unison to music and consists of patterned foot measurements that are performed to a number of counts in sequence. Several popular tunes will be used. Also, two-step will be introduced.
140. **Alpine Skiing (1).** An introductory course where students will learn the basic skills of skiing or snowboarding. Proper dressing, ski slope safety, equipment, physical fitness, and proper techniques for skiing or snowboarding will be addressed. Three days of on-snow instruction and practice is required. Students pay all expenses.
141. **Alpine Skiing II (1).** *Prerequisite: PE 140 or permission of instructor.* Advanced skills in alpine skiing or snowboarding. Proper dressing, ski slope safety, equipment, physical fitness, and proper techniques for skiing or snowboarding will be reviewed. Three days of on-snow instruction and practice is required. Students pay all expenses
142. **Zumba (2).** The purpose of this course is to provide an introduction to Zumba consisting of safety considerations, techniques, and Zumba exercises for health-related fitness.
143. **Beach Volleyball (1).** Basic instruction in beach volleyball. Elective credit only; cannot be used to satisfy HPER requirements.

145. **Team Sports Skills (2).** The purpose of this course is to provide experiences that will lead to the development of team sports skills. In addition to skills acquisition, the course will focus on the development of the knowledge and positive dispositions associated with team sports activities. Students will be expected to achieve an intermediate level of skill in specified team sports.
146. **Individual and Dual Sports Skills (2).** The purpose of this course is to provide experiences that will lead to the development of individual and dual sports skills. In addition to skills acquisition, the course will focus on the development of the knowledge and positive dispositions associated with individual and dual sports activities. Students will be expected to achieve an intermediate level of skill in specified individual and dual sports. Practice outside of class time may be required for students to achieve the expected performance level.
150. **Beginning Swimming (1).** The adaptation of the water and basic strokes of swimming. Non-swimmers only.
151. **Aqua Aerobics (3).** Low impact exercises performed in the medium of water.
152. **Angling (1).** Basic fundamentals of fishing.
153. **Lifeguarding (2).** Elementary and advanced forms of rescue, including approaches, escapes, carries, removal from water, and preventive life guarding. ARC lifeguard certification awarded if CPR and first aid requirements have previously been met (see instructor for specific details). Student pays all expenses.
154. **Lifeguard Instructor (2).** *Prerequisites: Instructor certification in CPR and first aid (ARC) and current lifeguard certification.* Preparation to become a certification instructor in lifeguarding. Student pays all expenses.
155. **Community Water Safety (1).** The course covers emergency procedures, spinal injuries, and other aquatic activities. Student pays all expenses.
157. **Water Safety Instructor (2).** *Prerequisite: Current lifeguard instructor certification.* Water Safety Instructor certification. A 10-hour laboratory is required. Student pays all expenses.
158. **Canoeing and Rafting (2).** Essential skills for river canoeing and whitewater rafting. Student pays all expenses.
159. **Scuba Diving (3).** Knowledge and skill development in scuba diving. Eight hours pool work, five hours open water diving. Experienced swimmers only. Student pays all expenses.
161. **Martial Arts (2).** Basic skills in aikido, including etiquette, warm-up activities, falls, throws, principles of movement and self-defense.
162. **Beginning Tai Chi (1).** A study of the 24 basic forms of Tai Chi, a martial art. Elective credit only; cannot be used to satisfy HPER requirements.
164. **Rock Climbing and Rappelling (2).** An introductory course where students will engage in rock climbing and rappelling in artificial and/or natural rock setting. Proper techniques for climbing and rappelling will be addressed. Equipment, knot tying, climbing preparation, basic top rope anchor setting will be addressed. Field trips are required. Student pays all expenses.
170. **Basic Skills in Jazz Dance (1).** Basic skills in Jazz Dance. Elective credit only; cannot be used to satisfy HPER requirements.
189. **Academic Success for Student-Athletes (1).** For freshman student-athletes to enhance successful transition from high school to college life. Orientation to the JSU athletics program and NCAA rules and regulations are included. Special emphasis is placed on academic excellence, athletic excellence, personal and career development and a commitment of service to the campus and community.
191. **Varsity Sports (1).** Successful participation in major varsity sports (male and female). May be duplicated for credit to a maximum of eight semesters.

**HEALTH AND PHYSICAL EDUCATION (HPE)  
PROFESSIONAL COURSES  
COURSE DESCRIPTIONS**

165. **Introduction ESW (1).** An introduction to careers and opportunities in the field of exercise science and wellness. Students majoring in ESW are required to complete this course prior to their junior year. Practicum required.
209. **Essentials of Human Performance (3).** *Prerequisite: HPE 109.* An introduction to the scientific principles of the human body/organ systems as related to human performance. This course is recommended prior to BY 263 for ESW majors.
212. **Personal and Community Health (3).** The development of habits, attitudes, and knowledge concerning health, and the professional preparation of individuals' introduction to careers and opportunities in the field of exercise science and wellness.
232. **Sports Safety and First Aid Training (2).** This course is designed for in-depth study of emergency medical treatment in case of accidents or serious illness. The study of body functions, body framework and all types of injuries are considered. Student pays all expenses.
272. **Basic Athletic Training (3).** *Prerequisite or Corequisite: HPE 209 or BY 263.* Introduction to the athletic training profession. Prevention, etiology, and management of athletic injuries will be stressed. Basic anatomy and first aid will be reviewed.



275. **Advanced Athletic Training (3).** *Prerequisite: HPE 272 or permission of instructor.* Advanced athletic training fundamentals, including prevention, evaluation, care and etiology of athletic injuries. Legal, professional, and ethical considerations will be discussed. Student pays all expenses.
284. **Beginning Practicum in Athletic Training (1).** *Prerequisite: Consent of instructor.* An introduction to the basic principles of athletic training in the college environment. May be repeated a total of four times for credit.
285. **Beginning Practicum in Strength and Conditioning (1).** *Prerequisite: Consent of instructor.* An introduction to the basic principles of strength and conditioning in the college environment. May be repeated a total of four times for credit.
286. **Beginning Practicum in Personal Training (1).** *Prerequisite: Consent of instructor.* An introduction to the basic principles of personal training in the university wellness setting. May be repeated a total of four times for credit.
300. **Practicum in Physical Education (3).** *Prerequisite: Nine hours in physical education, including HPE 303.* Directed experience in observations and participation in physical education classes. Seminars will be held in conjunction with this course.
301. **Industry Management (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce students to the fundamental concepts, principles, and best practices associated with managing a business within the industry of their major. This course was developed with the intent of providing students with a general overview of the management issues facing fitness professionals in their careers.
303. **Foundations of Health and Physical Education (3).** An introduction to the profession, including physical activities, health and wellness concepts, professional organizations, career opportunities, historical development, and development of a sound professional philosophy. Practicum required. HPE 303 is a prerequisite to HPE 355, 356, and 357. Successful completion of HPE 303 is required prior to teacher education eligibility.
305. **Measurement and Assessment in HPE (3).** *Prerequisite: MS 110 or higher.* Techniques of test evaluation, administration, and interpretations. Emphasis on physical fitness, body mechanics, sports skills, and knowledge tests.
312. **Health Problems and Disease Prevention (3).** An overview of health problems confronting students in today's society. An analysis of a variety of personal, social and environmental factors is included.
315. **Community and Consumer Health (3).** This course explores a historical and philosophical study of the growth and development of science, health education, and health promotion.
318. **Health for Special Populations (3).** This course examines primary, secondary, and tertiary levels of prevention, and applies them to health promotion/disease prevention at various developmental stages.
320. **Seminar in Coaching Baseball (1).** Strategies and techniques for coaching baseball.
321. **Seminar in Coaching Basketball (1).** Strategies and techniques for coaching basketball.
322. **Seminar in Coaching Cheerleading (1).** Strategies and techniques for coaching cheerleading.
323. **Seminar in Coaching Defensive Football (1).** Strategies and techniques for coaching defensive football.
324. **Seminar in Coaching Offensive Football (1).** Strategies and techniques for coaching offensive football.
325. **Seminar in Coaching Golf (1).** Strategies and techniques for coaching golf.
326. **Seminar in Coaching Rifle (1).** Strategies and techniques for coaching rifle.
327. **Seminar in Coaching Soccer (1).** Strategies and techniques for coaching soccer.
328. **Seminar in Coaching Softball (1).** Strategies and techniques for coaching softball.
329. **Seminar in Coaching Tennis (1).** Strategies and techniques for coaching tennis.
330. **Seminar in Coaching Track and Field (1).** Strategies and techniques for coaching track and field.
331. **Seminar in Coaching Volleyball (1).** Strategies and techniques for coaching volleyball.
350. **Introduction to Personal Training (3).** *Prerequisite: Junior standing.* The purpose of this course is to prepare the student to take a valid personal trainer certification exam. At the completion of the course, the student will have a basic understanding of the design and delivery of exercise programs for clients with varying levels of health with different needs and goals.
355. **Introductory Methods of Elementary HPE (3).** *Prerequisites: HPE 145, 146, 303 and SMR 271. Corequisites: To be taken concurrently with HPE 356 and 357.* A course designed to build foundation knowledge necessary for successful planning, implementing and evaluating various teaching methods and strategies necessary for quality elementary physical education. A practicum is required. HPE 355, 356, and 357 must be successfully completed prior to teacher education eligibility.
356. **Introductory Methods of Secondary HPE (3).** *Prerequisites: HPE 145, 146, 303, and SMR 271. Corequisites: To be taken concurrently with HPE 355 and 357.* A course designed to build foundation knowledge necessary for successful planning, implementing and evaluating various teaching methods and strategies necessary for quality secondary health and physical education. A practicum is required. HPE 355, 356, and 357 must be successfully completed prior to teacher education eligibility.

357. **21st Century Learning in HPE (3)**. *Prerequisites: HPE 145, 146, 303, and SMR 271. Corequisites: To be taken concurrently with HPE 355 and 356.* A course designed to develop foundational knowledge of a 21<sup>st</sup> century learner in a health and physical education program. Integration of relevant technologies and application of sound planning and instructional practices will be emphasized. A practicum is required. HPE 355, 356, and 357 must be successfully completed prior to teacher education eligibility.
360. **Child and Adolescent Health and Wellness (3)**. This course deals with child and adolescent health and wellness. Specifically, it deals with assisting children adolescents develop positive health habits.
362. **Kinesiology (3)**. *Prerequisite: BY 263 or HPE 209.* A science of human motion and analysis of body movements and action of muscles in human activities.
372. **Assessment of Athletic Injuries (3)**. *Prerequisite: HPE 272 or permission of instructor.* Evaluation of injuries which occur in athletics. Special attention will be given to the orthopedic assessment of joint injuries.
375. **Therapeutic Exercise and Modalities (3)**. *Prerequisite: HPE 209, 272, and BY 263 or permission of instructor.* Theory and use of therapeutic modalities and rehabilitative exercise. Students will have the opportunity to learn through special experience.
381. **Adapted Physical Education (3)**. An introductory course in the field of adapted physical education that provides an understanding of the nature, behavioral characteristics and motor limitations of various disabilities and basic skills necessary to prepare meaningful individualized movement experiences of individuals with special needs functioning in an integrated, segregated, community or home environment. A student practicum will be required.
385. **Practicum in Special PE and Recreation (3)**. Directed practical experiences in physical education and recreation with exceptional individuals. A student practicum will be required.
391. **Methods and Principles of Coaching (3)**. Theory and technique of coaching. Psychological aspects and scientific principles of movement are considered.
394. **Practicum in Coaching (3)**. Field experience in coaching.
- 397, 398, 399. **Independent Study in HPER (1, 2, 3)**. *Prerequisites: Consent of instructor and department head required.* Opportunity for undergraduate students to explore a particular area of personal interest in HPER.
400. **Exercise Physiology (3)**. *Prerequisite: BY 263.* The study of the effects of exercise on the various human physiological systems. Special attention will be given to energy metabolism, cardiovascular parameters, pulmonary function, muscle structure and function, neuromuscular integration, and environmental factors.
403. **Special Olympics and Athletics for Special Populations (3)**. Historical and current trends overview of sports for the handicapped. All types of handicapping conditions will be considered. Special attention will be on Special Olympics activities. Active involvement in the Special Olympics will be required.
405. **Scientific Principles of Conditioning (3)**. *Prerequisite: Junior standing.* Application of scientific principles to the training and conditioning of athletics are taught. Emphasis will be directed toward strength, endurance, and speed acquisition, ergogenic aids, and nutrition.
406. **Physical Fitness Techniques (3)**. *Prerequisites: HPE 209, 362, and 400.* Detailed analysis of techniques associated with instruction in aerobic and anaerobic exercise. Special emphasis is placed on weight training, dance aerobics, and aqua aerobics.
409. **Methods of Teaching PE, P-5 (3)**. *Prerequisites: HPE 355, 356, and 357. Teacher Education program eligibility. Corequisites: To be taken concurrently with HPE 410, 411, and 462.* Effective teaching practices and implementation of developmentally appropriate K-5 physical education instruction are taught.
410. **Methods of Teaching PE, 6-12 (3)**. *Prerequisites: HPE 355, 356, and 357. Teacher Education program eligibility. Corequisites: To be taken concurrently with HPE 409, 411, and 462.* Methods and techniques of teaching 6-12 physical education instruction are taught.
411. **Practicum in PE, P-12 (3)**. *Prerequisites: HPE 355, 356, and 357. Teacher Education program eligibility. Corequisites: To be taken concurrently with HPE 409, 410, and 462.* This is a field experience course specific to the application of methods and materials for P-12 physical education.
412. **Special Projects in Health Education (3)**. Student participation in solving actual problems related to health.
415. **Biomechanics (3)**. *Prerequisite: HPE 362.* This course is a study of human movement with emphasis on biomechanical principles and their application to sport and exercise.
416. **Methods of Teaching Health Education (3)**. *Prerequisites: HPE 355, 356 and 357. Teacher Education program eligibility. Corequisite: To be taken concurrently with HPE 409, 410, 411, 417 and 462.* Effective teaching practices and implementation of developmentally appropriate health education instruction are taught in this course.
417. **Practicum in Health Education (2)**. *Prerequisites: HPE 355, 356, and 357. Teacher Education program eligibility. Corequisite: To be taken concurrently with HPE 409, 410, 411, 416 and 462.* This is a field experience course specific to the application of methods and materials for health education.
420. **Health Aspects of Aging (3)**. The physical, social, emotional, and mental aspects of healthy aging will be explored.
421. **Intramural Sports I (3)**. Organization and administration of intramural programs. Emphasis is on officiating the fall sports of football and volleyball. Laboratory arranged.

422. **Intramural Sports II (3).** Organization and administration of intramural programs. Emphasis is on officiating the winter and spring sports of basketball and softball. Laboratory arranged.
440. **Fitness Testing (3).** *Prerequisites: HPE 362, 400, and assessment into the Exercise Science and Wellness program.* Detailed analysis of different fitness tests. Particular attention to cardiovascular tests, interpretation of results and prescription of exercise and activities.
441. **Design of Wellness Programs (3).** *Prerequisites: HPE 362, 400, 440, senior standing, and assessment into the Exercise Science and Wellness program.* Study of the different areas in wellness programming, such as smoking cessation, nutrition, stress awareness, and various fitness programs. This class includes directed practical activities as well as a comprehensive semester project.
450. **ESW Research Seminar (3)** *Prerequisites: MS 204 or SY 304, HPE 400, and assessment into the Exercise Science and Wellness program.* This class is designed to expose undergraduate students to research in the field of exercise science and wellness. Particular attention will be paid to developing a research idea, applying to the institutional review board for ethics approval, data collection, data analysis, and manuscript preparation.
460. **Motor Development (3).** Theoretical and practical principles of motor development, with special emphasis on identification and assessment. A student practicum will be required.
462. **Effective Teaching in HPE (3).** *Prerequisites: HPE 355, 356, and 357. Teacher Education program eligibility. Corequisites: To be taken concurrently with HPE 409, 410, and 411.* Methods and techniques of teaching 6-12 physical education instruction are taught.
465. **Practicum in Exercise Science and Wellness (6).** *Prerequisites: HPE 441, senior standing, assessment into the Exercise Science and Wellness program, and successful completion of an advisor approved national certification from the American College of Sports Medicine (ACSM) or the National Strength and Conditioning Association (NSCA).* Practicum experiences in rehabilitative and/or preventative medicine with respect to ESW programming.
482. **Seminar in HPE (3).** *Corequisites: To be taken concurrently with ED 495 and 496.* This course contributes to the preparation and meaningfulness of the student internship.
484. **Advanced Practicum in Athletic Training (1).** *Prerequisite: Consent of instructor.* An introduction to the advanced principles of athletic training in the college environment. May be repeated a total of four times for credit.
485. **Advanced Practicum in Strength and Conditioning (1).** *Prerequisite: Consent of instructor.* An introduction to the advanced principles of strength and conditioning in the college environment. May be repeated a total of four times for credit.
486. **Advanced Practicum in Personal Training (1).** *Prerequisite: Consent of instructor.* An introduction to the advanced principles of personal training in the university wellness setting. May be repeated a total of four times for credit.

#### SPORT MANAGEMENT AND RECREATION STUDIES (SMR) COURSE DESCRIPTIONS

221. **Foundations in Sport Management and Recreation (3).** The basic concepts of sport management and recreation fields. Theories, concepts, philosophies, and common industry practices in sport management and recreation.
231. **History of Sport (3).** This course will provide students with an understanding of the historical context on the development of sport. Students will learn how sport has shaped society, and how society has shaped sport over the course of time.
271. **Recreational Games and Group Development Activities (2).** An introduction to games for all populations, including recreational, educational, developmental, and therapeutic settings. Emphasis is on cooperative games and group development activities.
275. **Outdoor Pursuits Expedition Field Seminar (3).** Focused outdoor experience in outdoor pursuits, such as backpacking, canoe/kayak, and Wilderness First Aid leading to certification. Student pays all expenses.
301. **Youth Sports Program (3).** Methods and principles of organizing and administering youth sports programs. Activities include direct practical experiences.
302. **Field Experience in Recreation and Youth Leadership (3).** A minimum of 100 clock hours required. This course will provide practical field experiences in one of the following areas of concentration: community recreation and youth sports, camping and outdoor education, and youth development.
310. **Camping and Outdoor Education (3).** The out-of-doors and its potential for enhancing the recreation program. Special emphasis is placed on activities in the out-of-doors. A review of the developments in out-of-doors education. Student pays all expenses.
311. **Recreation for the Aged (3).** The course provides the student with knowledge of recreational activities suitable for the older adult. The class includes directed practical activities.
312. **Organization and Administration of Camp Programs (3).** Methods of organization and administration of camp programs, including knowledge of standards, utilization of facilities, and personnel roles.
321. **Sports Officiating I (3).** Basic principles, concepts, mechanics, and rules applications for officiating football and/or volleyball athletic contests according to the policies of the National Federation of High School Associations.

322. **Sports Officiating II (3).** Basic principles, concepts, mechanics, and rules applications for officiating basketball, and/or baseball/softball athletic contests according to the policies of the National Federation of High School Associations.
331. **Topics in International Sport Management and Recreation (3).** The purpose of this course is to introduce students to the fundamental concepts associated with effective and successful international management strategies within the sport management and recreational leadership field.
335. **Human Resource Management (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce to students the fundamental concepts, principles, and application associated with managing employees in relation to the sport management and recreational leadership field.
340. **Legal and Ethical Aspects of Sport Management and Recreation (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce students to the fundamental concepts, principles, and application associated with the legal system in relation to sport management and recreation. This course was developed with the purpose of providing students with a general overview of legal issues that professionals in the sport management and recreational leadership field encounter.
355. **Principles of Finance in Sport Management and Recreation (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce students to the fundamental concepts, principles, and application associated with finance in recreation and sport management. It is a general sport finance course covering a broad variety of topics ranging from basic financial concepts to budget formats. This course was developed with the purpose of providing students with a general overview of the recreation and sport financial issues they are likely to encounter in their professional careers.
360. **Challenge Course Programs and Management (3).** Provides theoretical and experiential understanding of program management practice associated with the use of the low challenge courses in education, recreation, and therapeutic settings. Technical skill development, facilitation strategies, safety procedures, equipment management, and program design are addressed.
420. **Youth Development Leadership (3).** A comprehensive examination of theory and practice in contemporary youth development leadership and youth serving agencies.
425. **Contemporary Issues in Sport Management and Recreation (3).** *Prerequisite: Senior standing.* The purpose of this course is to introduce students to the fundamental concepts associated with current issues and trends within the sport management and recreational leadership field.
440. **Communication in Sport (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce students to the fundamental concepts and common practices associated with communicating in the sport industry that include: history and development; role of mass media, digital, mobile, and social media; integrated communication; crisis communication; sociological aspects of communication; legal issues in sport communication.
450. **Sport and Recreation Facility Management (3).** *Prerequisite: Junior standing.* This course is designed to introduce students to the principles, application, and topics of sport and recreation facility management. After completing this course students will have gained valuable insight into theory and practice of sport and recreation facility management for a diverse range of sport and recreation facilities.
466. **Public and Media Relations (3).** *Prerequisite: Senior standing.* The purpose of this course is to introduce students to the fundamental concepts associated with public and media relations within the sport management and recreation field.
476. **Sport Management and Recreation Marketing (3).** *Prerequisite: Junior standing.* This course is designed to introduce students to the principles and application of marketing theory to the sport and recreation industries. This is a general course covering a wide range of sport marketing topics. These topics include promotion and media relations in sport and recreation, licensing and sponsorship of sport products, and the marketing mix strategies for sport and recreation organizations. After completing this course, students will have gained valuable insight into the theory and practice of sport marketing strategies for a diverse range of sport and recreation organizations.
486. **Sport Management and Recreation Promotion and Event Planning (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce students to the fundamental concepts associated with promotion and event management within the sport management and recreation field.
490. **Foundations of Recreation and Sport Administration (3).** *Prerequisite: Junior standing.* The purpose of this course is to introduce students to the fundamental concepts, principles, and application associated with managing recreation and sport organizations. It is a general recreation course covering a broad variety of topics ranging from the functions of management to organizational effectiveness.
492. **Internship in Sport Management and Recreation (6).** *Prerequisites: SMR 490 and senior standing.* Practical field experience in selected programs.

## DEPARTMENT OF NURSING AND RESPIRATORY THERAPY

### NURSING

#### Accredited by:

**Commission on Collegiate Nursing Education  
One Dupont Circle, NW, Suite 530  
Washington, DC 20036-1120  
(202) 887-6791**

#### Department Head: Elizabeth Gullede

**Professor: Peinhardt, Prickett**

**Associate Professor: Shelton, Waits,**

**Assistant Professor: Edge, Gullede, L. Hill, Walker**

**Instructor: Akisanya, Barrow, Bougere, Craven, Daugherty,**

**DeWeese, Duckett, Frank, Gramling, Killen,**

**Morrow, Pearce, Robinson, Scroggin**

The Lurleen B. Wallace Department of Nursing is approved by the Alabama Board of Nursing, which entitles its graduates to apply to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN®). The department is accredited by the Commission on Collegiate Nursing Education. Accreditation is an indication of public approbation, attesting to the quality of the educational program and the continued commitment of the sponsoring institution to support the program.

Students begin the nursing program by taking core requirement courses. A separate application is filed to request assessment into the clinical portion (upper division) of nursing. The department assesses students for eligibility for the upper division nursing program in the spring and fall of each year. The deadline for submission of applications for assessment to the upper division program of nursing is May 1st for fall and October 1st for spring. Late applications are not accepted. Only students who have been admitted to Jacksonville State University and who meet eligibility requirements may apply for assessment into the upper division nursing program. Those planning to apply for assessment into the upper division nursing program should contact the Director of Student Services in the Department of Nursing well in advance of the application deadline in order to confirm eligibility.

Entry into the upper division of nursing requires completion of all core requirement courses with a core requirement grade point average (GPA) of 2.50 or above and a minimum grade of "C" in each core requirement course. If a course is taken more than one time, all grades earned up to and including the first passing grade of "C" or above are used in the calculation of the core requirement GPA. Once a passing grade of "C" or above has been earned in a course, that course cannot be repeated for a higher grade. Students who do not meet the above standards are not eligible to apply for assessment into upper division. Each student's record will be assessed for completion of core requirements and as a basis for approval to enter the upper division. The review process may include a personal interview with the candidate, a background check, contact with personal references, and, if the student has been enrolled in other nursing programs, contact with previous nursing faculty. The assessment process may also include evaluation of essential academic skills and critical thinking. Students admitted to the university Fall 2014 and thereafter must have a current ACT score of 20 (within five years). Students who have English as a second language must present a minimum score on the TOEFL (Test of English as a Foreign Language) exam taken within four years. To be eligible for assessment into upper division, minimum scores are: 560 for TOEFL Written (paper based), 220 for TOEFL CBT (computer based), or 83 for iBT (internet based). Students native to countries where English is a commonly used language and/or those who have been living in a country for many years where English is a primary spoken language may request a waiver of this requirement. A student who has been enrolled in any upper division nursing program (RN or LPN) and was unsuccessful in progressing satisfactorily in that program is not eligible to apply. The Department of Nursing reserves the right to limit the number of students enrolled in nursing courses in order to make the most effective use of the educational resources available. Because of limited resources, eligibility for the program is competitive; all students who qualify may not be selected. Students must comply with all Department of Nursing policies for entrance into and continuation in the nursing program, which include, but are not limited to, a clear criminal background check and drug screen.

The student is advised to review qualifications for licensure as well as grounds for denial of licensure before beginning the nursing major. Qualifications for RN licensure by examination in Alabama include: high school graduation or the equivalent, as determined by the Board; good moral character, and successful completion of requirements for graduation from a Board-approved registered nurse program (Alabama Board of Nursing Administrative Code 610-X-4-01 and 610-X-8-02.0). While an applicant may meet the above qualifications, final approval to take the licensure examination and become licensed in Alabama is subject to action by the Board of Nursing. A criminal background check may be conducted by the Board at its discretion.

Grounds for denial of an RN license by examination in Alabama include, but are not limited to: failure to meet any requirement or standard established by law or by rules and regulations adopted by the Board; engaging in fraud, misrepresentation, deception, or concealment of a material fact in applying for or securing licensure or taking any examination required for licensure; any course of conduct that would be grounds for discipline by the Board under Administrative Code 610-X-8-03, including, but not limited to, conviction of a felony; conviction of, or entering a plea of guilt regardless of disposition, of a misdemeanor or felony involving moral turpitude or gross immorality (drugs, theft, lewdness, sexual misconduct, abuse, violence, fraud, or any other conduct detrimental to the public's health, safety, or welfare); having been court-martialed or administratively discharged from any branch of the United States Armed

Forces for any act of conduct that would be grounds for discipline by the Board under Administrative Code 610-X-8-03; failure to show good moral character as pertaining to nursing; abuse of, or addiction to, alcohol or other drugs, including misappropriation or diversion of drugs from the workplace, testing positive for alcohol and/or unauthorized mood altering drugs; impairment while on duty due to alcohol or drugs; refusal to submit to a drug screen for cause; being mentally incompetent; unprofessional conduct of a character likely to deceive, defraud, or injure the public in matters pertaining to health; any other reasons authorized by law (Code of Alabama, 1975, Section 34-21-25 and Section 34-21-2[1]; Alabama Board of Nursing Administrative Code 610 X-8-02 and 610-X-8-03). A criminal and/or drug history could result in denial of permission to take the licensure examination. Applicants must also disclose (on the application to take the licensure exam) arrests that did not result in convictions and attach those court records to the application.

**BACHELOR OF SCIENCE IN NURSING  
MAJOR: NURSING**

**Core Requirement Courses for Upper Division in Nursing (62 Semester Hours)**

*The following list of courses is not intended to be a substitute for individual advisement by a Department of Nursing academic advisor.*

**Area I (6 Semester Hours)**

- EH 101 English Composition I ..... (3)
- EH 102 English Composition II ..... (3)

\* All students with less than 24 earned hours must take STU 101: First Year Experience Course.

**Area II (12 Semester Hours)**

- Literature ..... (3)
- Literature ..... (3)
- Fine Arts ..... (3)
- EH 141 Oral Communication ..... (3)

\*Minimum of three hours of literature required (select from: EH 201, EH 202, EH 203, EH 204, EH 231, EH 232, EH 219, EH 220); a six-hour sequence of either literature or history is required. Minimum three hours fine arts required (Select from ART 202, DR 242, MU 233, or FL 101). If student chooses only three hours of literature, then history must be a six-hour sequence, and an additional three hours of approved fine arts or humanities will be necessary.

**Area III (11 Semester Hours)**

- BY 101/103 Introductory Biology I ..... (4)
- CY 115 Concepts of General Chemistry ..... (4)
- MS 112 Precalculus Algebra ..... (3)

**Area IV (12 Semester Hours)**

- History ..... (3)
- History ..... (3)
- PSY 201 Principles of Psychology ..... (3)
- PSY 222 Human Development ..... (3)

\*\* Minimum of three hours of history required (select from HY 101, HY 102, HY 201, HY 202); a six-hour sequence of either literature or history is required. If student chooses only three hours of history, then literature must be a six-hour sequence and an additional three hours of approved social/behavioral science will be necessary.

**Area V (21 Semester Hours)**

- BY 263 Anatomy and Physiology I ..... (4)
- BY 264 Anatomy and Physiology II ..... (4)
- BY 283 Health Microbiology ..... (4)
- MS 204 Basic Statistics ..... (3)
- FCS 322 Normal Nutrition ..... (3)
- NU 121 Nursing Ethics ..... (3)

**Upper Division Nursing Courses (67 Semester Hours)**

**First Semester (14 Semester Hours)**

- NU 305 A Bridge to Success ..... (0)
- NU 306 Pharmacology ..... (4)
- NU 309 Health Assessment ..... (4)
- NU 311 Foundations of Nursing Practice ..... (6)

**Second Semester (13 Semester Hours)**

NU 322 Health Deviations and Clinical Interventions .....	(3)
NU 325 Adult Health in Secondary and Community Settings .....	(5)
NU 326 Psychiatric Mental Health Nursing .....	(5)

**Summer Semester (3 Semester Hours)**

NU 340 Professional Practice and Care of the Aging Population .....	(3)
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**Third Semester (12 Semester Hours)**

NU 403 Nursing Care of Children and Families.....	(5)
NU 404 Childbearing Families .....	(5)
NU 422 Nursing Leadership and Health Policy .....	(2)

**Fourth Semester (13 Semester Hours)**

NU 424 Adult Health in Secondary, Tertiary and Community Settings .....	(5)
NU 426 Community Health Across the Lifespan .....	(5)
NU 433 Advanced Health Deviations and Clinical Interventions .....	(3)

**Fifth Semester (12 Semester Hours)**

NU 428 Practicum .....	(6)
NU 455 Transition to Professional Nursing .....	(4)
NU 400 Research and Outcomes Management .....	(2)

**TOTAL 129 Semester Hours**

**Online@JSU STEP Program RN-BSN**

The Department of Nursing embraces the concept of nursing education advancement for individuals holding an associate degree or diploma in nursing. The Strategic Teaching for Enhanced Professional Preparation (STEP) program is a quality program designed to provide a seamless educational transition for registered nurses. The completely online delivery of this curriculum allows students to advance their nursing education while continuing to fulfill personal and professional responsibilities.

After completion of general studies requirements, nursing courses may be completed in one calendar year online for the full time student. Courses in the professional component of the BSN program are delivered via the internet utilizing Blackboard as the educational platform for teaching.

Application deadlines:

- August 1st for fall assessment
- December 1st for spring assessment
- April 1st for summer assessment

**REQUIRED NURSING COURSES**

The required nursing courses can be completed online in three semesters (one calendar year). Completion of the upper division STEP nursing courses must occur in ten (10) semesters. Using the internet, Blackboard, and other distance learning modalities, the program is delivered at a time and place convenient to the individual student. The following courses are required for registered nurses in the STEP program.

**Semester I**

NU 313 Online Orientation to the STEP Program .....	(0)
NU 345 Communication of Ethical Issues .....	(4)
NU 352 Health Assessment Across the Lifespan .....	(3)
NU 365 Pharmacology for Practicing Nurses.....	(2)

9 hrs.

STEP recognizes the past academic and experiential knowledge of the registered nurse. RN students are awarded 35 hours of *STEP nursing credit* after successful completion of the first semester courses.

**Semester II**

NU 350 Professional Roles and Issues.....	(5)
NU 401 Research Outcomes Management for the Practicing Nurse .....	(3)
NU 423 Nursing Management and Leadership .....	(3)

11 hrs.

**Semester III**

Nursing Elective .....	(3)
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**NURSING (NU)  
COURSE DESCRIPTIONS**

121. **Ethics in Nursing (3).** Examines ethical reasoning and decision-making in relation to moral, legal, and professional standards. Specific issues confronting the health care delivery system will be analyzed.
130. **Medical Terminology (3).** This online course introduces the elements of medical terminology and provides students with a basic understanding of the language used by healthcare professionals. Knowledge of prefixes, suffixes, word roots is emphasized. Singular and plural forms of medical terms are identified, along with emphasis on word analysis, word building and pronunciation. These guidelines are applied to diverse body systems. Each body system is briefly reviewed and common diagnostic, laboratory, and surgical procedures are introduced.
131. **Introduction to Healthcare (3).** This course has been designed to be used with your textbook to provide a comprehensive course covering the concepts of the healthcare organization culture, implications for ethical and legal decision-making, and the vital components of professionalism. This online course has been created incorporating the QSEN competencies; therefore, professional concepts, such as patient safety, patient centered care, quality improvement, health informatics, evidence based practice, teamwork and collaboration will be explored.
300. **RISE to Success: Professional Communication and Accountability (0).** *Prerequisite: Assessment into upper division.* This course is designed to provide a network of communication and support for at-risk students after completion of the initial RISE course. Students engage in open, ongoing communication with course faculty related to their outcomes in nursing coursework. The primary focus is incorporating effective communication techniques and collaboration to develop personal knowledge, skills, and attitudes needed to deliver safe and effective patient care. Lab required.
301. **RISE to Success: Leadership in Critical Thinking and Clinical Prevention (1).** *Prerequisite: Assessment into upper division.* This course is designed to broaden student understanding of key nursing concepts. Through a variety of learning strategies students will develop decision-making skills applicable to the clinical setting. Lab required.
302. **Preparation for NCLEX Success (2).** *Prerequisite: Assessment into upper division.* This course offered during the fifth semester of the nursing curriculum is designed to prepare students for the NCLEX-RN® exam. Individual plans for success are established based on areas of deficiency. Through standardized testing and self-analysis, students identify areas needing improvement and work to increase knowledge.
303. **RISE to Success: Integration of Knowledge and Skills into Practice (3).** *Prerequisite: Assessment into upper division.* This course is designed as the initial course to assist students who are identified as at-risk and admitted to the RISE program. Students are introduced to effective strategies to promote learning and are individually guided by the instructor. Diverse strategies are utilized to increase perceived self-confidence and knowledge to facilitate success in nursing school. Assigned activities will include a variety of learning experiences, i.e., online, classroom, clinical laboratory or simulation.
304. **RISE to Success: Scholarship of Nursing Practice (3).** *Prerequisite: Assessment into upper division.* This is a clinical course designed to facilitate essential skills for safe, effective nursing practice. Evidence-based research, clinical judgment, and interprofessional perspectives are incorporated into making decisions related to all steps of the nursing process. This course is designed to facilitate competency in clinical skills.
305. **A Bridge to Success (0).** *Prerequisite: Assessment into upper division.* This course is a one day workshop offered just prior to the first semester nursing courses, designed to enhance skills needed for success in the baccalaureate nursing program. Emphasis will be on the acquirement, development, and utilization of proper study, time management, stress management, and learning style strategies to enhance success and thus improve retention.
306. **Pharmacology (4).** *Co-Requisite: Assessment into upper division. Concurrent enrollment in NU 306, 309 and 311 required.* Designed to introduce the nursing student to the basic principles of drug therapy, drug calculations, and drug classifications. Lab required.
309. **Health Assessment (4).** *Co-Requisite: Assessment into upper division. Concurrent enrollment in NU 306, 309 and 311 required.* Focuses upon patient assessment and nursing diagnosis, utilizing the approaches of history-taking and physical examination. Lab required.
311. **Foundations of Nursing Practice (6).** *Co-Requisite: Assessment into upper division. Concurrent enrollment in NU 306, 309 and 311 required.* This clinical nursing course provides the first contact with individuals/families as clients/patients and emphasizes the development of skills in problem-solving, nursing process, communication, and therapeutic nursing interventions. Lab required.
313. **Online Orientation to the STEP Program (0).** Required course for all new admissions to the STEP program and provides each student with valuable information about Blackboard, distance learning, GEM (Gamecock Electronic Mail), book lists and policies with the Department of Nursing.



322. **Health Deviations and Clinical Interventions (3).** *Prerequisite: Completion of first semester upper division courses.* An in-depth study of disease processes across the life span. Health promotion and disease prevention will be integrated by emphasizing risk factors and relevant therapeutic approaches to reduce the incidence of acute and chronic health problems.
325. **Adult Health in Secondary and Community Settings (5).** *Prerequisite: Completion of first semester upper division courses.* Course through which students learn the responsibilities of professional nursing in providing nursing care to the adult patient with various medical-surgical problems. Lab and clinical required.
326. **Psychiatric Mental Health Nursing (5).** *Prerequisite: Completion of first semester upper division courses.* This course is designed to enable students to understand the dynamics of psychiatric nursing and mental health, with an emphasis on the holistic therapeutic care of psychiatric patients/families as well as the therapeutic use of self. The concentration of the course will be focused on the attainment of knowledge regarding psychiatric diagnoses, utilization of the nursing process in providing therapeutic nursing care, understanding appropriate treatment modalities and the establishment of the nurse-patient relationship as it deals with the psychopathological behavior found in the psychiatric patient. Clinically, the student will be utilizing and employing the theoretical aspects in nursing assessment and patient care, one-to-one interactions, group situations, healthcare team discussions, as well as supervision sessions. Lab and clinical required.
330. **Death: Nursing Care of the Individual and Family (3).** Elective in nursing. *Prerequisite: Assessment into upper division and successful completion of first semester upper division.* Designed to allow students to expand their knowledge and understanding for end-of-life nursing care. This course will provide a learning experience to expand the student's knowledge in providing comfort, utilization of special assessment techniques for complex patient symptoms, as well as assisting the family and patient to cope with suffering, grief, loss and bereavement. The course will build upon basic nursing principles and will expand student's working knowledge of legal and ethical principles, ability to analyze the complex issues surrounding dying and barriers to competent end-of-life care.
340. **Professional Practice and Care of the Aging Population (3).** *Prerequisite: Completion of first semester upper division courses.* Provides an overview of the aging process with an emphasis on the development theories, physiological changes and psychosocial concepts related to the older adult.
341. **Concepts of Human Sexuality (3).** Elective in nursing. Selected conceptions and misconceptions of human sexuality are analyzed in relationship to their implications for the professional nurse role.
343. **Concepts of Emergency/Disaster Nursing (3).** *Prerequisite: Assessment into STEP program. For RN students only.* Course designed to assist students in utilizing knowledge from the biophysical and psychosocial sciences to implement care for patients in the pre-hospital emergency setting.
344. **Perspective in Women's Health (3).** Elective in nursing. *Prerequisite: For RN students only.* Provides an overview of current women's health issues across the lifespan. Course focuses on the social, political, economic, and cultural influences on women's health.
345. **Communication of Ethical Issues (4).** *Prerequisite: Assessment into STEP program. For RN students only.* Using ethical decision-making as a framework, professional communication will be evidenced through peer critique and scholarly writing. Personal and professional values will be identified through technical, analytical, persuasive, and creative writing.
347. **Lifestyle Strategies for Optimal Health (3).** Elective in nursing. Course designed to assist nursing students in assessing health risks of individuals/families and in intervening appropriately, thus promoting health and reducing risk for disease, disability, and premature death.
350. **Professional Roles (5).** *Prerequisite: Assessment into STEP program. For RN students only.* Course designed to assist the registered nurse in making the transition to the professional role (BSN).
352. **Health Assessment Across the Lifespan (3).** *Prerequisite: Assessment into STEP program. For RN students only.* Provides a foundation for developing a holistic approach as it applies to the physiological, psychological, sociocultural, and environmental health status of individuals. Designed to assist the registered nurse with improving communication skills, interview techniques, history-taking, and physical examination techniques in patient/client evaluations.
365. **Pharmacology for Practicing Nurses (2).** *Prerequisite: Assessment into STEP program. For RN students only.* This course focuses on current pharmacological concepts for practicing nurses. Emphasis is on current drug classifications, commonly used drugs, assessing client responses to drug therapy, client teaching and nursing interventions related to drug therapy.
400. **Research and Outcomes Management (2).** *Prerequisite: Completion of first semester courses.* Designed to assist students to develop knowledge and skills in the research process, to become consumers of research, and to conceptualize the significance of research as the foundation of evidence-based nursing practice.
401. **Research and Outcomes Management for the Practicing Nurse (3).** *Prerequisite: Admission to STEP program. For RN students only.* Designed to assist students who are practicing nurses to develop knowledge and skills in the research process, to become consumers of research, and to conceptualize the significance of research as the foundation of evidence-based nursing practice.
403. **Nursing Care of Children and Families (5).** *Prerequisite: Completion of first and second semester upper division courses.* This course presents nursing care of children and families from well-child care through acute and chronic illnesses

in a variety of settings from schools, hospitals to specialty areas that focus on early intervention and special needs. The nursing care of children and families centers on understanding growth and development, health promotion, and interventions to maximize optimal health. Lab and clinical required.

- 404. Childbearing Families (5).** *Prerequisite: Completion of first and second semester upper division courses.* Clinical course designed to enable the student to practice the various roles assumed by professional nurses in the provision of family centered maternal-infant care. Lab and clinical required.
- 422. Foundations of Nursing Leadership (2).** *Prerequisite: Completion of first semester courses.* Introduction to concepts of professional leadership and management and their use in the practice setting with a concentration on professionalism. Emphasis is placed on leadership theories, leadership and management styles, time and stress management, burnout, types of communication, conflict strategies and conflict resolution, planned change, decision making, delegation and scope of practice, prioritization, legalities, advocacy, and the significance of diversity and inclusion.
- 423. Nursing Management and Leadership (3).** *Prerequisite: Assessment into STEP program. For RN students only.* Provides an overview of concepts of professional leadership and management and their use in the practice setting for the practicing nurse. Emphasizes organizational structure, management, professional and leadership issues.
- 424. Adult Health in Secondary, Tertiary, and Community Settings (5).** *Prerequisite: Completion of first, second, and third semester upper division courses.* Enhances and further develops the student's ability and knowledge to care for adults with complex health problems together with their need for sophisticated nursing interventions. Lab and clinical required.
- 426. Community Health Across the Lifespan (5).** *Prerequisite: Completion of first, second, and third semester upper division courses.* Enables the student to use an epidemiological approach in coping with health and illness problems of families, aggregates of populations, and communities. Lab and clinical required.
- 428. Practicum (6).** *Prerequisite: Completion of first, second, third, and fourth semester upper division courses.* This course focuses on the synthesis and application of previous and concurrent learning in the clinical setting under supervision of course faculty and a clinical preceptor. Additionally, the course is designed to enhance student success on the National Council Licensure Examination (NCLEX-RN®). Lab and clinical required.
- 433. Advanced Health Deviations and Clinical Interventions (3).** *Prerequisite: Completion of first, second, and third semester upper division courses.* Enables students to integrate concepts in pathophysiology, health deviations, nursing interventions, laboratory tests, and pharmacology as these topics relate to populations at risk.
- 442. Transcultural Nursing and Healthcare (3).** Elective in nursing. *Prerequisite: Assessment into STEP Program. For RN students only.* An exploration of theoretical foundations for cultural diversity in health and illness, with emphasis in assessment and analysis of selected cultures as related to nursing and health care practices.
- 444. Implementation of Professional Nurse Role (3).** *Prerequisite: Permission of instructor required.* Experience an in-depth analysis of professional nurse roles in selected clinical settings. Credit for ROTC Advanced Camp may be given with approval.
- 446. Independent Study (2).** *Prerequisite: Permission of advisor.* Special project in nursing studies. Pass/Fail grade only.
- 447. Independent Study (1).** *Prerequisite: Permission of advisor.* Special project in nursing studies. Pass/Fail grade only.
- 448. Directed Study (3).** Elective in nursing. Offers the student the opportunity to explore specific areas of interest in nursing in either the theoretical and/or clinical arenas. Requires completion of coursework to support the areas of interest.
- 449. Strategies for Academic Success (2).** This course is designed to facilitate academic success in nursing curriculum. Emphasis is placed on academic strategies, which promote attainment of the knowledge, skills and attitudes to facilitate personal and professional achievement of academic goals.
- 455. Transition to Professional Nursing (4).** *Prerequisite: Completion of first, second, third, and fourth semester upper division courses.* Designed to be a capstone course of the baccalaureate nursing program. Emphasis is placed on application of nursing interventions addressing client needs: safe effective care environment (management of care and safety and infection control), health promotion and maintenance, psychosocial integrity, and physiological integrity (basic care and comfort, pharmacological and parenteral therapies, reduction of risk potential, physiological adaptation). Validation of nursing knowledge related to critical thinking, decision making, prioritizing, delegation, problem solving, leadership/management and evaluation is a key component of this course.
- 456. Population-Based Health Care (6).** *Prerequisite: Assessment into STEP program. For RN students only.* Course designed for the registered nurse to apply theoretical concepts related to primary, secondary, and tertiary care of families, aggregates, and populations. Emphasis is on the application of the nursing process and education for at-risk aggregates. Clinical experiences will be designed to meet the individual learning needs of the registered nurse student.

## RESPIRATORY THERAPY

### BACHELOR OF SCIENCE IN RESPIRATORY THERAPY MAJOR: RESPIRATORY THERAPY

Accredited by:  
Commission on Accreditation for Respiratory Care (pending)

Program Director: Paul Taylor  
Director of Clinical Education: TBA  
Instructor: Goodwin

Assessment into the Respiratory Therapy program is limited. In addition to meeting the general admission requirements of the university, the applicant must meet the specific requirements and regulations of the Department of Respiratory Therapy. *Assessment into the program is based competitively on the factors of demonstrated academic ability, consistency of performance and personal qualifications, including motivation and interpersonal abilities.*

**Accreditation is currently pending for the professional phase of the program. Students will not be admitted into the professional phase until accreditation is awarded.**

Students begin the respiratory therapy program by taking core requirements courses. A separate application is filed to request assessment for the clinical portion (upper division) of respiratory therapy. The department assesses students for eligibility for the upper division once per year. The deadline for submission of application for assessment to the upper division program of respiratory therapy will be posted and announced to students. Those planning to apply for assessment into the upper division respiratory therapy program should contact the program director well in advance of the application deadline in order to confirm eligibility.

Entry into the upper division of respiratory therapy requires completion of all core requirement courses with a core requirement grade point average (GPA) of 2.50 or above and a minimum grade of "C" in each core requirement course. If a course is taken more than one time, all grades earned up to and including the first passing grade of "C" or above are used in the calculation of the core requirement GPA. Once a passing grade of "C" or above has been earned in a course, that course cannot be repeated for a higher grade. Students who do not meet the above standards are not eligible to apply for assessment into upper division. Each student's record will be assessed for completion of core requirements and as a basis of approval to enter the upper division. Standardized test scores, such as ACT or SAT, will also be used in the assessment process. The review process may include a personal interview with the candidate, a background check, drug screening, contact with personal references, and, if the student has been enrolled in other respiratory therapy programs, contact with previous program faculty.

#### Core Requirement Courses for Upper Division in Respiratory Therapy (56 Semester Hours)

The following list of courses is not intended to be a substitute for individual advisement by an academic advisor.

##### Area I (6 Semester Hours)

EH 101 English Composition I .....	(3)
EH 102 English Composition II .....	(3)

\*All students with less than 24 earned hours must take STU 101: First Year Experience Course.

##### Area II (12 Semester Hours)

Literature .....	(3)
Literature .....	(3)
Fine Arts.....	(3)
EH 141 Oral Communication.....	(3)

\* Minimum of three hours of literature required (select from: EH 201, EH 202, EH 203, EH 204, EH 231, EH 232, EH 219, EH 220); a six-hour sequence of either literature or history is required. Minimum three hours fine arts required (select from ART 202, DR 242, MU 233, or FL 101). If student chooses only three hours of literature, then history must be a six-hour sequence, and an additional three hours of approved fine arts or humanities will be necessary.

##### Area III (11 Semester Hours)

BY 101/103 Introductory Biology I.....	(4)
CY 115 Concepts of General Chemistry .....	(4)
MS 112 Precalculus Algebra .....	(3)

##### Area IV (12 Semester Hours)

History I .....	(3)
History II.....	(3)
PSY 201 Principles of Psychology .....	(3)

SY 221 ..... (3)

\*\* Minimum of three hours of history required (select from HY 101, HY 102, HY 201, HY 202); a six-hour sequence of either literature or history is required. If student chooses only three hours of history, then literature must be a six-hour sequence, and an additional three hours of approved social/behavioral science will be necessary.

**Area V (15 Semester Hours)**

BY 263 Anatomy and Physiology I ..... (4)  
BY 264 Anatomy and Physiology II ..... (4)  
BY 283 Health Microbiology ..... (4)  
MS 204 Basic Statistics..... (3)

**Upper Division Respiratory Therapy Courses**

**First Semester (15 Semester Hours)**

RT 300 Fundamentals of Respiratory Care I..... (4)  
RT 305 Patient Assessment..... (4)  
RT 310 Cardiopulmonary Anatomy and Physiology..... (3)  
RT 315 Respiratory Care Pharmacology ..... (2)  
RT 320 Clinical I..... (2)

**Second Semester (14 Semester Hours)**

RT 325 Fundamentals of Respiratory Care II ..... (4)  
RT 330 Airway Management and Resuscitation..... (2)  
RT 335 Pathology for Respiratory Care..... (3)  
RT 340 Research ..... (3)  
RT 345 Clinical II..... (2)

**Third Semester (9 Semester Hours)**

RT 350 Ventilatory Support I ..... (4)  
RT 355 Advanced Critical Care Monitoring ..... (3)  
RT 360 Clinical III ..... (2)

**Fourth Semester (14 Semester Hours)**

RT 400 Ventilatory Support II..... (4)  
RT 405 Neonatal and Pediatric Respiratory Care ..... (3)  
RT 410 Pulmonary Diagnostics ..... (3)  
RT 415 Clinical IV ..... (4)

**Fifth Semester (13 Semester Hours)**

RT 420 Palliative, Long-Term, and Preventive Care ..... (3)  
RT 425 Respiratory Therapy Education ..... (3)  
RT 430 Respiratory Therapy Leadership ..... (2)  
RT 435 Clinical V ..... (4)  
RT 440 Advanced Level Exam Review..... (1)

**TOTAL HOURS REQUIRED FOR DEGREE: 121**

**Respiratory Therapy Bridge Program (RRT)**

The RRT\_BSRT program is designed to allow registered respiratory therapists that have completed an associate-level program the option of obtaining an advanced degree. The student must complete ten (10) online courses for a total of thirty-two (32) semester hours. The program consists of upper-division respiratory courses that provide the student an opportunity for professional growth and development.

**Spring Semester (9 Semester Hours)**

RT 442 Advanced Ventilatory Support ..... (4)  
RT 444 Critical Care Monitoring ..... (2)  
RT 446 Research for Respiratory Therapy ..... (3)

The Respiratory Therapy Bridge Program recognizes the past academic and experiential knowledge of the registered respiratory therapist. RRT Bridge students are awarded thirty-three (33) semester hours of RT credit after successful completion of the first semester courses.

**Fall Semester (10 Semester Hours)**

- RT 450 Healthcare Education for Respiratory Therapists ..... (4)
- RT 452 Patient Care Management Strategies..... (3)
- RT 454 Advanced Neonatal and Pediatric Care..... (3)

**Summer Semester (9 Semester Hours)**

- RT 456 Healthcare Leadership for Respiratory Therapists ..... (3)
- RT 458 Special Procedures ..... (3)
- RT 460 Alternative Care Roles for Respiratory Therapists..... (3)

**To be taken alone or during other semester:**

- RT 448 Advanced Practice Elective..... (3)

**TOTAL HOURS REQUIRED FOR DEGREE: 121**

**RESPIRATORY THERAPY (RT)  
COURSE DESCRIPTIONS**

- 300. Fundamentals of Respiratory Care I (4).** A study of respiratory care treatment modalities and equipment. Emphasis is placed on understanding application to patient situations, assessment of care, and principles of operation of equipment. Infection control issues will be included. Students will discuss the pathophysiology, health promotion and disease prevention aspects of each modality. Relevant lab exercises will be included.
- 305. Patient Assessment (4).** A study of patient assessment skills and procedures used in the evaluation of the respiratory patient. Emphasis will be on patient care procedures, physical assessment, laboratory assessment, communication skills and documentation. Professionalism, ethics and civic responsibilities of the respiratory therapist will be discussed. Relevant lab exercises will be included.
- 310. Cardiopulmonary Anatomy and Physiology (3).** A study of the structure and function of the respiratory system. Physiology of the respiratory, cardiac, and renal systems will be discussed. Emphasis will be on how each control the body's acid-base status and the effects of respiratory therapeutic modalities on each system.
- 315. Respiratory Care Pharmacology (2).** A study of pharmacological agents used in the treatment of cardiopulmonary disease and critical care. Emphasis will be on drugs used to influence the respiratory, cardiovascular, nervous and renal systems.
- 320. Clinical I (2).** Practical application of respiratory care performed under supervision at clinical sites. This course serves as an introduction to the hospital environment. Proficiency evaluations of selected respiratory care procedures will be completed. Eight hours of clinical experience for four weeks will be included.
- 325. Fundamentals of Respiratory Care II (4).** This course is a continuation of RT 300. It is designed to continue the progression from basic respiratory care modalities to more advanced therapy and equipment. Emphasis will continue to be on understanding application to patient situations, assessment of care, and principles of operation of equipment. Relevant lab exercises will be included.
- 330. Airway Management and Resuscitation (2).** A study of the selection, application, maintenance, and discontinuance of various artificial airways. Emphasis will be on intubation, extubation, tracheostomy care, and suctioning. The role of the respiratory therapist in a cardiopulmonary arrest will be covered in accordance with American Heart Association Advanced Cardiopulmonary Life Support (ACLS) guidelines. ACLS will be taught.
- 335. Pathology for Respiratory Care (3).** A study of the diseases affecting the respiratory system commonly encountered by practicing respiratory therapists. The pathophysiology, clinical signs and symptoms, diagnosis, management, and prognosis of acute and chronic pulmonary diseases will be discussed.
- 340. Research (3).** A study of clinical research methods and concepts related to respiratory care. Emphasis is on an overview of the research process and how to critically evaluate published and empirical research.
- 345. Clinical II (2).** Practical application of respiratory care performed under supervision at clinical sites. Proficiency evaluations of selected respiratory care procedures will be completed, including basic and advanced modalities. Students will prepare and present case studies relevant to this patient population.
- 350. Ventilatory Support I (4).** A study of the basic physics, theory, and methods commonly used in mechanical ventilation. Emphasis will be on patient management and assessment. Invasive and non-invasive ventilation will be discussed, including advanced oxygen delivery systems. Relevant lab exercises will be included.
- 355. Advanced Critical Care Monitoring (3).** A study of advanced cardiopulmonary monitoring used in critical care. Emphasis will be on ventilator waveform analysis, capnography, and hemodynamic monitoring.
- 360. Clinical III (2).** Practical application of respiratory care performed under supervision at clinical sites. Proficiency evaluations of selected respiratory care procedures will be completed, including advanced modalities and mechanical ventilation. Students will prepare and present case studies relevant to this patient population.
- 400. Ventilatory Support II (4).** This course is a continuation of RT 350. A study of advanced mechanical ventilation. Adult, pediatric, and neonatal ventilation will be discussed. Emphasis will be on patient management and assessment. Relevant lab exercises will be included.

- 405. Neonatal and Pediatric Respiratory Care (3).** A study of respiratory therapy involving infants and children. Emphasis will be on patient management and assessment in basic and intensive care settings. Developmental anatomy and physiology, pharmacology, disease management and prevention, health promotion, oxygenation, and resuscitation will be discussed. PALS and NRP will be taught. Relevant lab exercises will be included.
- 410. Pulmonary Diagnostics (3).** A study of diagnostic testing and measurements used in providing care for respiratory patients. Emphasis will be on pulmonary function testing, bronchoscopy, sleep studies, and other special procedures commonly encountered by the practicing respiratory therapist. Relevant lab exercises will be included.
- 415. Clinical IV (4).** Practical application of respiratory care performed under supervision at clinical sites. Proficiency evaluations of selected respiratory care procedures will be completed, including advanced mechanical ventilation, special populations, and diagnostics. Students will prepare and present case studies relevant to this patient population.
- 420. Palliative, Long-Term, and Preventative Care (3).** A study of the respiratory therapist's role in pulmonary rehabilitation, home care, and patient education and motivation in preventative care. Reimbursement issues will be discussed. This course will also provide an overview of the growing need for quality palliative care. The scope of palliative care and current end-of-life issues will be introduced.
- 425. Respiratory Therapy Education (3).** A study of general educational and instructional methods and techniques. Emphasis will be on patient education and health promotion. The student will learn how to write learning objectives, how to evaluate patient education, how to prepare and present a topic for an in-service presentation, and how to present a lecture in a classroom and in the laboratory environment.
- 430. Respiratory Therapy Leadership (2).** A study of management of a respiratory therapy and cardiopulmonary department. Emphasis will be on regulatory agency and accreditation standards related to respiratory therapy, departmental budgeting, quality assurance, human resource issues, conflict resolution, and staff training.
- 435. Clinical V (4).** Practical application of respiratory care performed under supervision at clinical sites. This course prepares students to perform as advanced-level respiratory therapists. Proficiency evaluations of selected respiratory care procedures will be completed. Emphasis will be on advanced mechanical ventilation in adults, pediatrics, and neonates; special procedure areas may be assigned.
- 440. Advanced-Level Exam Review (1).** This course is designed to assist students in preparing for the Therapist Multiple-Choice and Clinical Simulation Exams offered by the National Board for Respiratory Care (NBRC).
- 442. Advanced Ventilatory Support (4).** A study of advanced mechanical ventilation. Adult, pediatric, and neonatal ventilation will be discussed. Emphasis will be on patient management and assessment. Invasive and non-invasive ventilation techniques will be included.
- 444. Critical Care Monitoring (2).** A study of monitoring utilized in an intensive care unit. Emphasis will be on ventilator waveform analysis, capnography, pulse oximetry, and hemodynamic monitoring.
- 446. Research for Respiratory Therapists (3).** A study of clinical research methods and concepts related to respiratory care. Emphasis is on an overview of the research process and how to critically evaluate published and empirical research.
- 448. Advanced Practice Elective (3).** The Advanced Practice Elective can be completed in the semester of the student's choice. Completion of the course requires the student to prepare for and complete the requirements for one of the following advanced practice credentials: Advanced Critical Care Specialist, Neonatal-Perinatal Specialist, Certified Asthma Education, Certified Pulmonary Function Technologist, Registered Pulmonary Function Technologist, Certified Sleep Disorder Specialist, Registered Sleep Disorder Specialist, or Certified Tobacco Treatment Specialist.
- 450. Healthcare Education for Respiratory Therapists (4).** A study of the respiratory therapist's role in patient education and health promotion. General educational and instructional methods and techniques will be introduced. The student will learn how to write learning objectives, how to evaluate patient education, how to prepare and present a topic for an in-service presentation, and how to present a lecture in a classroom and in the laboratory environment.
- 452. Patient Care Management Strategies (3).** *Prerequisite: RT 446.* A study of the current professional environment and the role of the respiratory therapist in patient care management. An introduction to the concept of evidence-based practice and discussion of how to incorporate evidence and best practices into professional work. Therapist-driven protocols, respiratory case managers, and care coordinators/navigators will be introduced.
- 454. Advanced Neonatal and Pediatric Care (3).** A study of respiratory care involving infants and children. Emphasis will be on patient management and assessment in basic and intensive care settings. Developmental anatomy and physiology, pharmacology, disease management and prevention, health promotion, oxygenation, and resuscitation will be discussed.
- 456. Healthcare Leadership for Respiratory Therapists (4).** A study of the management of a respiratory therapy and cardiopulmonary department. Emphasis will be on regulatory agency and accreditation standards related to respiratory therapy, departmental budgeting, quality assurance, human resource issues, conflict resolution, staff training, and customer service.

458. **Special Procedures (3).** A study of diagnostic testing commonly encountered by practicing respiratory therapists. Emphasis will be on pulmonary function studies. Other special procedures will be introduced.
460. **Alternative Care Roles for Respiratory Therapists (3).** A study of the respiratory therapist's role in pulmonary rehabilitation, long-term care, long-term acute care, home care and palliative care. Patient education and motivation in preventative care will be discussed. An overview of reimbursement issues will be included. The scope of palliative care and end-of-life issues will be discussed.