

# BSRC Curriculum

## Recommended Course Sequence

### FRESHMAN YEAR

#### FALL

US 1100 University Seminar  
 BIO 1320 Modern Biology I **OR**  
 BIO 1421 Modern Biology II  
 ENG 1310 College Writing I  
 HIM 2360 Medical Terminology  
RC 1313 Introduction to Respiratory Care  
 13 or 14 hours

#### Admission to BSRC Program

#### SPRING

BIO 2430 Human Physiology & Anatomy  
 ENG 1320 College Writing II  
 PSY 1300 Introduction to Psychology  
 RC 1135 RC Clinical Lab I  
 RC 1314 RC Instrumentation I  
RC 1315 Basic Technology in RC  
 17 hours

#### SUMMER I & II

RC 1316 RC Instrumentation II  
RC 1445 RC Clinical Lab II  
 7 hours

### SOPHOMORE YEAR

#### FALL

HIST 1310 History of US to 1877  
 MATH 1315 College Algebra  
 RC 1321 Pharmacology  
 RC 2355 RC Practice I  
RC 3331 Advanced RC Instrumentation  
 15 hours

#### SPRING

HIST 1320 History of US 1877 to Date  
 PFW 1 hour Physical Fitness  
 PHIL 1305 Philosophy & Critical Thinking **OR**  
 PHIL 1320 Ethics & Society  
 RC 2352 Cardiopulmonary-Renal A&P  
 RC 2365 RC Practice II  
RC 3330 Advanced RC Technology  
 16 hours

#### SUMMER I & II (10 weeks)

PHYS 1310 Elementary Physics  
 PHYS 1110 Elementary Physics Lab  
 RC 2311 Cardiopulmonary Disease I  
RC 4220 CV & Pulmonary Diagnostics  
 9 hours

\* "Fast Track Option" begins for qualified students

### JUNIOR YEAR

#### FALL

BIO 2440 Principles of Microbiology **OR**  
 BIO 2400 Microbiology  
 POSI 2310 Principles of American Government  
 RC 2375 RC Practice III  
 RC 3311 Applied Pathology  
RC 4315 Neonatal Respiratory Care  
 16 hours

#### SPRING

CHEM 1341 General Chemistry I  
 CHEM 1141 General Chemistry Lab I  
 POSI 2320 Functions of American Government  
 RC 3352 Advanced Ventilator Concepts  
 RC 3365 RC Practice IV  
RC 4341 RC Seminar  
 16 hours

#### SUMMER I or II

RC 3375 ICU Internship  
 3 hours

**\*\*Advance-Level Therapist Completion – RRT Eligible**

### SENIOR YEAR

#### FALL

3 hours 2313-Introduction to Fine Arts  
 choose from ART,DAN,MU, or TH\*  
 3 hours \*\*\*English Literature  
 3 hours \*\*\*\*Statistics  
 RC 3310 Cardio/Renal Gross Anatomy  
RC 4330 Pulmonary Rehabilitation  
 15 hours

#### SPRING

COMM 1310 Fundamentals of Human Communication  
 PFW 1 hour Physical Fitness  
 RC 4246 Respiratory Care Internship  
 RC 4320 Contemporary Issues in CP Care  
RC 4350 Respiratory Care Research  
 12 hours

#### TOTAL HOURS for BSRC – 139 or 140

\*Fast Track requires major GPA of 3.0 and overall GPA of 2.5 to apply. Approval required.

\*\*Advance-Level Therapist Completion if all required courses completed with overall GPA of 2.0 and major GPA 2.25, as approved by CoARC.

\*\*\*Refer to General Education Core requirements

\*\*\*\*SOC 3307, HP 3302, PSY 3301, or MATH 2328

Web site: <http://www.health.txstate.edu/RC>