COURSE DESCRIPTIONS

PUL220 Epidemiological Foundations - 4 credits
This course is designed to provide students with a historical background in epidemiological studies. The course is also designed to expose students to the principles and concepts necessary for understanding the basics of epidemiological activity and classical epidemiological investigations. By applying knowledge from a range of disciplines, epidemiologists are able to more adequately study disease, wellness and other health-related events in populations. The ultimate goal of this course is to stimulate a desire for further education in epidemiological course work.

PUL329 Advances in Pharmacology in Critical Care Medicine - 4 credits
This course is designed to help broaden the health care professional’s knowledge of pharmacology. Topics include types and effects of drugs, including diagnostic imaging contrast media. Pharmacology, pharmacokinetics, and pharmacodynamics of drugs commonly used in ancillary health care are presented. Students taking this course will also study the most recent FDA approved medications and understand the current state of respiratory care practice in today’s health care environment.

PUL400 Health Psychology - 4 credits
This class is designed to help students learn those skills necessary in forging a bridge between the client-learner’s thoughts, feelings and actions by integrating thought and behavior into one synergistic approach to the delivery of health education that can accommodate the whole person. Cognitive techniques, such as lecture discussion, readings, presentations, collection of data and specific planning combined with the behavioral components of emotion and action will help in bringing about this synergistic process.

PUL435 Ethics and Decision Making in Health Care Environments - 4 credits
This is a foundational course in ethics for individuals pursuing vocations of service in health care. Students will have a greater understanding of the ethical principles that are applied to the delivery of health care services and the processes for making sound ethical decisions. Students will develop models of decision making that are consistent with core personal values as well as the ethical standards of their professions. Motivations for ethical healthcare decisions will be evaluated. The roles and responsibilities of healthcare professionals will be explored on the basis of Christian values as well as assumptions drawn from reason and societal norms and expectations.

PROGRAM OBJECTIVE
The Pulmonary Science degree completion program is designed to assist Registered Respiratory Therapists to complete their Bachelor of Science degree at Concordia University, St. Paul in an accelerated format. Because most students are working full-time as Registered Respiratory Therapists, this program is cohort-based and students only take one class at a time on the same night each week. Courses will be delivered via a web-based, course-management system. Students must be motivated and practice good time-management to be successful in this program.

THE CONCORDIA ADVANTAGE
• Flexible – Online or blended program options
• Accelerated – Complete your program in 24 months or less
• Manageable – Attend class or online discussion just one night a week (always on the same night and time)
• Affordable – Competitively priced programs and convenient payment options
• Collaborative – Experience cohort-based learning with a small group of talented professionals who learn together for the duration of your program
PUL330 Multi-Specialties in Respiratory Therapy - 4 credits
This course outlines the diverse disciplines in the Respiratory Therapy profession ranging from acute care to chronic management. It gives Respiratory Therapists the opportunity to develop more understanding of professional diversification of other specialties in their field, including Sleep Medicine, neo-Peds, Specialization, Flight Medicine, Home Care, and others. This seven week extensive course will identify the needs, demand and unique requirements for each specific specialization. Respiratory Studies will be implemented based on current guidelines, practices and procedures of accredited professional standards in Respiratory Care.

PUL331 Advancement in Critical Care Monitoring - 4 credits
This course focuses on the advanced medical and respiratory care needed for the critically ill adult patients. Among the topics covered are cardiopulmonary assessment of trauma, postsurgical, cardiac and renal patients. The course will also provide instruction in advanced cardiac life-support.

PUL332 Advanced Cardiopulmonary Sciences - 4 credits
This course provides students with techniques and methods used to analyze and evaluate the health status of critically ill patients. This course has an emphasis on the respiratory, cardiovascular and renal systems and is beneficial for students who work within a critical care facility.

PUL490 Senior Seminar - 4 credits
This course provides the foundation for the research project. The students will engage in a literature survey of research in the instructor’s area of expertise and develop a research proposal consisting of a research hypothesis, a rationale for the work and experimental design.

ADMISSION CRITERIA
• Admission to Concordia University, St. Paul
• An Associate of Science in Respiratory Therapy from a regionally accredited college or university;
• Credentialed as a Registered Respiratory Therapist.
If the candidate has an Associate of Applied Science Degree, additional lower division general education courses may also need to be taken for graduation.

APPLICATION PROCESS
For admission consideration, a student must submit:
1. Application for admission
2. Official transcripts from all previous institutions attended
3. Personal statement

TO APPLY
Applications are available at www.csp.edu/apply or by contacting the Office of Admission.

Email application materials to: onlineinfo@csp.edu.

TUITION AND FEES
This is a 44-credit program. For tuition and financial aid information, please call 888-859-0641 or visit online.csp.edu.

TECHNOLOGY REQUIREMENTS
Students use their personal computer in this program. To begin the program, students must meet the requirements listed on the technology agreement. To view this agreement please visit www.csp.edu/Admission/AcceleratedDegree/Documents

Course descriptions, fees and other information included in this form are subject to change. Please refer to the Academic Catalog on our website for more information on program requirements.