

SOUTH CAROLINA COLLEGE OF PHARMACY

Administration

Joseph T. DiPiro, Pharm.D., Executive Dean
Arnold W. Karig, Ph.D., Campus Dean, MUSC Campus
Randall C. Rowen, Pharm.D., Campus Dean, USC Campus

John A. Bosso, Pharm.D., Interim Chair, Department of Clinical Pharmacy and Outcome Sciences, MUSC Campus
Rick G. Schnellmann, Ph.D., Chair, Pharmaceutical and Biomedical Sciences, MUSC Campus
Wayne E. Buff, Pharm.D., Associate Dean, USC Campus
Philip D. Hall, Pharm.D., Associate Dean, MUSC Campus
L. Clifton Fuhrman Jr., Ph.D., Assistant Dean for Student Affairs, USC Campus
Steven Brown, B.S., R.Ph., Assistant Dean for Student Affairs, MUSC Campus
James H. Davis, B.S., M.B.A., Assistant Dean for Finance
Richard Schulz, PhD, Interim Vice Chair, Department of Clinical Pharmacy and Outcome Sciences, USC Campus
Sondra H. Berger, PhD, Interim Vice Chair, Department of Pharmaceutical and Biomedical Sciences, USC Campus
Lewis McKelvey, Pharm.D., Director of Experiential Programs, USC Campus
Peter F. Edwards, M.H.S.A., R.Ph., Associate Director of Experiential Programs, MUSC Campus
Craig C. Beeson, Ph.D., Director of Graduate Studies, MUSC Campus
Michael D. Wyatt, Ph.D., Director of Graduate Studies, USC Campus
Alissa Smith, Pharm.D., Director of the Upstate Program, GHS

Professors

John A. Bosso, Pharm.D., State University of New York at Buffalo, 1973, MUSC Campus
Katherine H. Chessman, Pharm.D., Medical University of South Carolina, 1986, MUSC Campus
W. Michael Dickson, Ph.D., Ohio State University, 1972, USC Campus
Joseph T. DiPiro, Pharm.D., University of Kentucky, 1981
Arnold W. Karig, Ph.D., Purdue University, 1971, MUSC Campus
John J. Lemasters, M.D., Ph.D., John Hopkins, 1975, MUSC Campus
Jean Nappi, Pharm.D., University of Texas, 1977, MUSC Campus
Kennerly S. Patrick, Ph.D., University of Iowa, 1978, MUSC Campus
Rick G. Schnellmann, Ph.D., University of Arizona, 1984, MUSC Campus
Richard M. Schulz, Ph.D., University of North Carolina, 1983, USC Campus
Charles D. Smith, Ph.D., Michigan State, 1984, MUSC Campus
Edward E. Soltis, Ph.D., University of Florida, 1984, MUSC Campus
C. Wayne Weart, Pharm.D., Philadelphia College of Pharmacy and Science, 1974, MUSC Campus
Roger L. White, Pharm.D., Medical College of Virginia, 1983, MUSC Campus

Clinical Professor

John C. Voris, Pharm.D., University of Nebraska, 1979, USC Campus

Associate Professors

Craig C. Beeson, Ph.D., University California, Irvine, 1993, MUSC Campus
Sondra H. Berger, Ph.D., Roswell Park, State University of New York at Buffalo, 1982, USC Campus
James M. Chapman, Ph.D., University of North Carolina, 1981, USC Campus
Thomas A. Dix, Ph.D., Wayne State University, 1983, MUSC Campus
Peter F. Edwards, M.H.S.A., Medical University of South Carolina, 1994, MUSC Campus
Sandra S. Garner, Pharm.D., Medical University of South Carolina, 1989, MUSC Campus
Philip D. Hall, Pharm.D., Medical College of Virginia, 1988, MUSC Campus
Donna S. Harrison, Pharm.D., Medical University of South Carolina, 1986, MUSC Campus
Marc Lapointe, Pharm.D., Medical University of South Carolina, 1995, MUSC Campus
Earle W. Lingle, Ph.D., University of Texas, 1985, USC Campus
John S. Markowitz, Pharm.D., University of Tennessee, 1990, MUSC Campus
Patrick D. Mauldin, Ph.D., Emory University, 1993, MUSC Campus
Ronald O. Nickel, Ph.D., University of Iowa, 1984, MUSC Campus
Anna-Liisa Nieminen, Ph.D., University of Kuopio, Finland, 1991, MUSC Campus
Douglas Pittman, Ph.D., University of Iowa, 1996, USC Campus
Georgi Petkov, Ph.D., University of Sofia, 1997, USC Campus
Kelly R. Ragucci, Pharm.D., University of Toledo, 1997, MUSC Campus
Theresa J. Smith, Ph.D., Texas Women's University, 1988, USC Campus
Donald B. Wiest, Pharm.D., Medical University of South Carolina, 1985, MUSC Campus
Michael D. Wyatt, Ph.D., University College of London, 1996, USC Campus

Clinical Associate Professors

Wayne E. Buff, Pharm.D., University of South Carolina, 1997, USC Campus
Paul Bush, Pharm.D., MBA, Wayne State University, 1982, MUSC Campus
L. Clifton Fuhrman Jr., Ph.D., University of South Carolina, 1995, USC Campus
Mary Hess, Pharm.D., St. Louis College of Pharmacy, 1990, USC Campus
Randall C. Rowen, Pharm.D., Northeastern University, 1985, USC Campus
S. Scott Sutton, Pharm.D., University of South Carolina, 1998, USC Campus

Assistant Professors

Kristy H. Brittain, Pharm.D., Wilkes University, 2005, MUSC Campus
Stephen L. Brown, B.S., University of North Carolina, Chapel Hill, 1974, MUSC Campus
Larry W. Buie, Pharm.D., University of North Carolina, Chapel Hill, 2005, MUSC Campus
Shannon J. Drayton, Pharm.D., University of South Carolina, 2000, MUSC Campus
Kristin Garris, Pharm.D., University of Florida, 2005, Spartanburg Regional Hospital
Lorne Hofseth, Ph.D., Simon Fraser University, 1996, USC Campus
Catherine H. Kuhn, Pharm.D., Ohio State University, 2006, MUSC Campus
Campbell McInnes, Ph.D., University of Edinburgh, 1990, USC Campus
Patricia M. Schuler, Pharm.D., Ohio State University, 2005, MUSC Campus
Sarah P. Shrader, Pharm.D., University of Kansas, 2003, MUSC Campus
James J. Sterrett, Pharm.D., Medical University of South Carolina, 1997, MUSC Campus
Amy N. Thompson, Pharm.D., Medical University of South Carolina, 2005, MUSC Campus
Danyelle M. Townsend, Ph.D., University of Virginia, 2001, MUSC Campus
Desuo Wang, Ph.D., University of Florida, 1995, USC Campus
Christopher Wisniewski, Pharm.D., University of Sciences in Philadelphia, 2004, MUSC Campus
Gary L. Wright, Ph.D., Marshall University, 1998, MUSC Campus
Zhi Zhong, Ph.D., University of North Carolina, Chapel Hill, 1996, MUSC Campus

Clinical Assistant Professors

Sarah J. Ball, Pharm.D., Medical University of South Carolina, 1979, USC Campus
Betsy Blake, Pharm.D., Medical University of South Carolina, 2000, USC Campus
P. Brandon Bookstaver, Pharm.D., University of South Carolina, 2004, USC Campus
Michael P. Dunphy, BS, University of Cincinnati, 1968; M.S., Butler University, 1974, USC Campus
Laura Fox, Ph.D., University of Georgia, 1998, USC Campus
Karen H. McGee, Pharm.D., University of South Carolina, 1989, USC Campus
Lewis N. McKelvey, Pharm.D., University of South Carolina, 2000, USC Campus
Jill E. Michels, Pharm.D., University of South Carolina, 1996, USC Campus
April Miller, Pharm.D., University of North Carolina, 2005, USC Campus
Carol LeAnn Best Norris, Pharm.D., University of South Carolina, 2004, USC Campus
Cynthia M. Phillips, Pharm.D., University of Tennessee-Memphis, 1991, USC Campus
Patricia Powell, Pharm.D., University of Rhode Island, 2006, USC Campus
Celeste Rudisill, Pharm.D., University of North Carolina, 2004, USC Campus
Julie Sease, Pharm.D., University of South Carolina, 2003, USC Campus
Alissa M. Smith, Pharm.D., Medical University of South Carolina, 1999, USC Campus
Holly J. Watson, Pharm.D., University of South Carolina, 1989, USC Campus

Instructors

James H. Davis, M.B.A., Charleston Southern University, 1995, MUSC Campus
William J. Taylor, B.S., University of South Carolina, 1995, USC Campus

Part-Time and Adjunct Faculty

Jennifer Baker, Pharm.D., University of South Carolina, 2002
Fred Bender, Pharm.D., Duquesne University, 1975, GHS
Nicole M Bohm, Pharm.D., University of Florida, College of Pharmacy, 2003, MUSC Campus
Wendy Bullington, Pharm.D., Medical University of South Carolina, 2003, MUSC Campus
Valerie Bush, Pharm.D., Medical University of South Carolina, 2005, GHS
Lucy Carter, Pharm.D., University of Georgia, 2004, GHS
C. Douglas Chavous, B.S., University of South Carolina, 1951, USC Campus
Kimberly Clark, Pharm.D., University of North Carolina, 2005, GHS
Claudia Cometa, Pharm.D., University of Florida, 2003, MUSC Campus
Frances O. Connelly, B.S., University of South Carolina, 1980, USC Campus
Jason Cooper, Pharm.D., Medical University of South Carolina, 1996, MUSC Campus
Toby Cox, Pharm.D., University of North Carolina, Chapel Hill, 1995, MUSC Campus
Amy Crabb, Pharm.D., Lake Erie College of Osteopathic Medicine, 2005, GHS
Nancy A. Culberson, B.S., Medical University of South Carolina, 1978, USC Campus
Tracie Delay, Pharm.D., Bourne College of Health Professions, Northeastern University, 2001, MUSC Campus
Todd Eddy, Pharm.D., Ferris State University, 2005, GHS
Carmen Faulkner, Pharm.D., University of North Carolina, 2002, GHS
Joli Fermo, Pharm.D., University of Nebraska, 1993, MUSC Campus
Christopher Fortier, Pharm.D., University of Connecticut, 2003, MUSC Campus
Douglas L. Furmanek, Pharm.D., University of North Carolina, 2002, GHS
Kelly Maree Goodson, Pharm.D., University of North Carolina, Chapel Hill, 2004, MUSC Campus
Kathy R Hogan, Pharm.D., Medical University of South Carolina, 1987, MUSC Campus
Kevin T. Hope, B.S., Medical University of South Carolina, 1999, MUSC Campus
John Howard, Pharm.D., University of South Carolina, 2002, GHS
Heather Hughes, Pharm.D., University of South Carolina, 2000, GHS
Sarah J. Kloke, Pharm.D., University of South Carolina, 2003, USC Campus
Heather Kokko, Pharm.D., Medical University of South Carolina, 2001, MUSC Campus
Sooyeon Kwon, Ph.D., University of Florida, 2004, MUSC Campus
Jennifer Mazur, Pharm.D., Medical University of South Carolina, 1998, MUSC Campus
Joe Mazur, Pharm.D., Wayne State University, 1995, MUSC Campus
Joel Melroy, Pharm.D., University of Georgia, 2005, MUSC Campus
Kathy Q. Moore, B.S., University of South Carolina, 1986, USC Campus

Ron R. Neyens, Pharm.D., South Dakota State University, 2004, MUSC Campus
Fredric R. Olafson, B.S., North Dakota State University, 1968, USC Campus
Stanley P. Papajohn, B.S., University of South Carolina, 1961, USC Campus
Nicole Passerello, Pharm.D., West Virginia University, 1998, GHS
John Pearson, Pharm.D., University of South Carolina, 1992, GHS
David Proujan B.S., Albany College of Pharmacy, Albany NY, 1985, MUSC Campus
Dominic Ragucci, Pharm.D., Rutgers, 1996, MUSC Campus
Steven R. Ranck, B.S., University of South Carolina, 1995, GHS
Jane W. Sowell, B.S., University of South Carolina, 1978, Palmetto Health Richland Hospital
David J. Taber, Pharm.D., Medical University of South Carolina, 1999, MUSC Campus
Deborah J. Tapley, B.S., University of Connecticut, 1978; MBA, U.S.C., 1984, USC Campus
Lynn A. Uber, Pharm.D., State University of New York at Buffalo, 1986, MUSC Campus
Walter Uber, Pharm.D., State University of New York at Buffalo, 1986, MUSC Campus
Amy Vandenberg, Pharm.D., University of Michigan, 1999, MUSC Campus
Nicole Weimert, Pharm.D., University of Wisconsin-Madison, 2003, MUSC Campus
Bobbie Williamson, Pharm.D., University of North Carolina, 2002, GHS
Cathy Worrall, Pharm.D., University of Florida, 1993, MUSC Campus
S. Bryan Ziegler, Pharm.D., University of South Carolina, 2001; MBA, U.S.C., 2006, USC Campus

Deans Emeritus

John F. Cormier, Pharm.D., Medical University of South Carolina, 1975, MUSC Campus
Julian H. Fincher, Ph.D., University of Connecticut, 1964, USC Campus
William H. Golod, Ph.D., Purdue University, 1957, MUSC Campus
Farid Sadik, Ph.D., University of Mississippi, 1968, USC Campus

Emeriti Faculty

Carl T. Bauguess, Ph.D., University of Mississippi, 1971, USC Campus
Robert L. Beamer, Ph.D., Medical College of Virginia, 1959, USC Campus
Deborah S. Carson, Pharm.D., Medical University of South Carolina, 1982, MUSC Campus
Joseph W. Kosh, Ph.D., University of Colorado, 1971, USC Campus
Brooks C. Metts, Pharm.D., University of Tennessee, 1970, USC Campus
William Alexander Morton, Jr., Pharm.D., University of California at San Francisco, 1976, MUSC Campus
C.E. (Gene) Reeder, Ph.D., University of South Carolina, 1983, USC Campus
Joseph Roberts, Ph.D., McGill University, 1964, USC Campus
Joseph W. Sowell, Ph.D., University of Georgia, 1972, USC Campus

Policies and procedures outlined in this document apply to the South Carolina College of Pharmacy (SCCP) at both the MUSC campus and USC campus. Additional policies and procedures related specifically to the MUSC Campus, www.musc.edu, and USC Campus, www.sc.edu, are defined by the appropriate academic bulletins of the individual universities and Carolina Community for the USC campus.

Vision, Mission, and Core Values Statements

“Improving Health through Leadership and Innovation in Pharmacy Education, Research, and Patient Care.”

The SCCP is an education, research, and service enterprise that make the best use of state resources, student tuition, grant funds, and endowment funds to:

- *Produce pharmacists at an advanced level of practice to provide pharmaceutical care and serve the health needs of SC citizens related to medications.*
- *Develop and apply expertise in economics, epidemiology, and health outcomes assessment to guide population-level drug policy at local, state, and federal level to make the best decisions regarding medications.*
- *Develop and apply research skills in biomedical sciences to discover, develop, and test new drug therapies to treat or prevent important health problems.*
- *Serve as a national leader in pharmacy education and research.*
- *Promote life-long learning for practitioners.*
- *Seek and welcome students, faculty and staff members regardless of factors such as gender, race, age, nationality, religion or disability and recognize the benefits of diversity.*

We share a commitment to excellence in education, research and practice.

We recognize and embrace the importance of professional service on a local, regional national and international level.

We provide community leadership and support,

We foster an environment where integrity, accountability, respect and collegiality are expected.

We advance the tenet that the SCCP is a member-driven organization that has accessible administrative leadership that empowers faculty, staff, students and alumni to shape the direction of the College

We actively promote diversity in an environment where students, faculty, and staff are welcome regardless of factors such as race, gender, nationality, religion, or disability.

Degree Offered

The Doctor of Pharmacy (Pharm.D.) degree is offered. This is a full-time degree program requiring four academic years, which includes introductory practice experiences and some advanced practice experiences that must be completed during the summer semesters.

Entrance Requirements

Admission to the SCCP is competitive and is based on the applicant's completion of prepharmacy requirements, GPA, academic record, letters of recommendation, interview evaluations, PCAT scores, honors/awards, extracurricular activities, work experience, and student personal statement concerning their goals for a career in pharmacy. Applicants must take the PCAT and have official scores reported prior to the end of the application period, on or before January 1 of the year of anticipated admission.

Applicants must provide an official copy of all college transcripts, including all grades for courses taken through the fall semester prior to application. Those currently enrolled at either USC Columbia or MUSC will be able to have their USC/MUSC transcripts generated internally at no cost for pharmacy admissions. As a state-supported institution, preference will be given to in-state applicants. In-state students are defined as S.C. residents and any non-S.C. resident attending a S.C. college or university. In-state status as defined here only applies to the admission process. Residency for the purpose of tuition will be based upon the South Carolina Code of Laws. All accepted students will be required to submit to a criminal background review prior to matriculation into the program.

Prepharmacy Course Requirements

General Chemistry	8 hours
Organic Chemistry	8 hours
Physics	6 hours
Calculus	3 hours
Statistics	3 hours
Biology	8 hours
English Composition	3 hours
English Literature/Composition	3 hours
Verbal Skills	3 hours
Economics	3 hours
Psychology	3 hours
Liberal Arts Electives	9 hours
Human Anatomy/Physiology	6 hours
Total	66 hours

- All prepharmacy courses must be completed prior to starting SCCP classes.

Transfer Admission (Doctor of Pharmacy Program)

Applications for transfer students from other accredited professional pharmacy programs into the college's professional program will be evaluated on an individual basis. The student applying for transfer must be in good standing in their current program and a position must be available in the SCCP program for any application to be considered.

Transfer between SCCP Campuses (Doctor of Pharmacy Program)

1. Students must submit, in writing, to the Assistant Dean at the USC campus and the Associate Dean at the MUSC campus, their specific reasons for requesting to change campuses.
2. Transfers will only be considered in the event of extenuating circumstances. The decision as to whether there is sufficient justification to warrant campus transfer rests solely with the college administration.
3. The Assistant Dean at the USC campus and the Associate Dean at the MUSC campus will facilitate communications and collection of information.
4. Transfers will not be allowed during an academic year. If approved, the transfer would be effective with the start of the next academic year.
5. A position must be available on the campus of transfer for the application to be considered.

SCCP Academic Policies

- The letter grades of A, B+, B, C+, C, D+, and D represent passing grades in order from highest to lowest.
- Courses in which students earn grades of D, D+, or F must be repeated.
- S and U indicate, respectively, satisfactory (passing) and unsatisfactory (failing) performance in courses carried under the Pass-Fail option; this option will be used only for introductory practice experiences and elective courses which are specified as Pass-Fail.
- WF, which counts as an F in GPA calculation, is assigned for student withdrawal from a course after the drop date prescribed in the SCCP *Academic Calendar*. Students who must withdraw from all courses due to compelling circumstances may petition the Scholastic Standing Committee to receive grades of W rather than WF.
- W is assigned for student withdrawal from a course after the late registration period but before the drop date.
- I, Incomplete, is assigned at the discretion of the course coordinator when, in the course coordinator's judgment, a student does not complete some portion of the assigned work in a course. Students must fulfill remaining course requirements within 12 months in order to replace the incomplete grade with a final grade; failure to complete the remaining course work within this time period will result in a final grade of F for the course. A grade of Incomplete cannot be carried into the fourth professional year; requirements to remove the Incomplete and receive a final course grade must be fulfilled prior to the start of the practice experiences in the fourth professional year.

- A student receiving a grade of F in a prerequisite course cannot take the next course in the sequence. The student must retake the failed course and receive a grade of C or better before taking the next sequenced course, which may delay a student's progression.
- Students must have no course deficiencies and must meet all progression guidelines as defined under the SCCP Scholastic Standing Guidelines in order to begin their advanced practice experiences at the end of the third professional year.
- The following grading scale will be utilized:

A	90–100.00
B+	85–89.99
B	80–84.99
C+	75–79.99
C	70–74.99
D+	65–69.99
D	60–64.99
F	≤ 59.99
- Course coordinators and course faculty will identify the specific course requirements, which will be utilized to determine student performance (i.e. tests, reports, class participation, group projects), and this should be provided to students in the syllabus at the beginning of the course.
- In cases where a student must repeat a course, both grades will remain in the student academic record and will be factored into the overall GPA.
- Criminal background checks and student liability insurance coverage will be required for all students prior to beginning their introductory and advanced practice experiences.

SCCP Distance Education:

The South Carolina College of Pharmacy will use distance education technology in the teaching of courses during the professional program.

SCCP Test Scheduling Policies

- A *test* is defined as a major examination of material in a course (usually administered no more frequently than every two weeks, except in summer sessions). These policies do not apply to written report dates, scheduled oral presentations, or weekly quizzes. No more than two tests will be given on the same day to the same class (e.g. P1, P2, etc.) A *day* is defined as the day of the week, not a 24-hour period. Consequently, under this policy, two tests could be administered on Monday afternoon and two tests could be administered on Tuesday morning. No tests, except in lab courses, will be given during the week prior to final exams.
- A test schedule will be distributed to all students on the first day of class each semester. During the first week of classes, each class president (or the class advisor for the P1 class during fall semester) will hold a class meeting to review the test schedule. Possible conflicts with professional, community, university, and social activities will be reported to course coordinators, who will make a decision on whether or not to reschedule a test or tests. After the first week of class, no changes to the test schedule will be considered.
- Students attending professional meetings may be excused from tests. In these cases, the course policy for excused test absences, as defined in the SCCP Course Policies, will be applied.
- Final examinations will be scheduled in accordance with the SCCP final exam schedule.
- This test policy may be suspended due to severe weather or natural disaster to facilitate rescheduling of missed classes and tests.

SCCP Scholastic Standing Guidelines

Progression:

- In order to be eligible for promotion and graduation, students must obtain at least a 2.0 (grade of C or better) in each professional course and maintain an overall GPA of at least 2.00 in all professional courses; professional courses include elective courses attempted during the professional program. Course grades of D, D+, I, and F are considered deficiencies.
- Students must remove any deficiencies by the beginning of fall semester in order to be promoted to the next year. This may be accomplished by taking summer classes, if available. Requests to take classes outside of the SCCP and to receive credit for these classes will require the approval of the course coordinator and the Associate Dean.
- Course withdrawals and leaves of absence require the approval of the Associate Dean. "Compelling circumstances" must be evident. Students who withdraw prior to the established SCCP drop date will receive a grade of W; students who withdraw from a course after the established SCCP drop date will receive a grade of WF, which calculates as a zero for purposes of computing a student's GPA.
- All pharmacy students must provide proof of competency in first aid, including certification in basic life support, prior to entering their introductory institutional practice experiences; students are required to maintain their competency and certification through the fourth professional year.
- Students are required to register for and successfully complete all required and elective coursework in a specific professional year in order to register for courses and progress to the next professional year in the curriculum.
- If a student fails to achieve a grade of C or better in an elective course, the student is encouraged, but not required, to re-take the elective course. However, the student must complete eight hours of electives by the end of the third professional year.
- Students will not be allowed to complete the next course in a sequenced group of courses if they receive a grade of F in the previous course; a grade of D+ or D in the previous course will allow a student to complete the next course in a sequenced group of courses, but the course deficiency must be removed prior to beginning the next professional year in the curriculum.
- Sequenced courses in the SCCP curriculum are listed below; it should be noted that some sequenced courses are scheduled over multiple professional years:

Integrated Physiology-Pathophysiology I and II
 Pharmaceutics I and II
 Biochemistry/Biotechnology I and II
 Introduction to Pharmacology and Medicinal Chemistry, Pharmacology II, and III
 Introduction to Drug Information and Advanced Drug Information
 Introduction to Pharmacology and Medicinal Chemistry, Medicinal Chemistry II and III
 Community Laboratory I and II
 Hospital Laboratory I and II
 Clinical Applications I, II, III, and IV
 Pharmacotherapy I, II, and III

- If a student has deficiencies (obtains a D+, D or F) in more than four courses during any given academic year, he/she will be dismissed from the pharmacy program.
- If a student has deficiencies (obtains a D+, D or F) in four courses during any given academic year or three courses in any given semester, he/she will NOT be allowed to make any of those courses up during summer sessions and must repeat those courses during the next academic year. If the student is on probation, he/she will be dismissed. If the student is not on probation, he/she will be placed on suspension for one calendar year at the beginning of the next fall semester.
- No student will be allowed to take more than two courses per summer session.
- Students with a deficiency (obtaining a D+, D or F) on more than one APPE rotation will be dismissed from the program.

Suspension:

- Suspension means that a student will be prohibited from advancing in the curriculum for one calendar year. Students will be suspended if they fail to remove any deficiencies by the beginning of the fall semester.
- A suspended student may repeat required course(s) once in order to remove deficiencies and strengthen areas of weakness. (Additionally, the student may have up to 8 hours of electives to improve the overall GPA and strengthen areas of weakness during their academic matriculation.)
- A suspended student who meets the requirements for promotion will then be placed on permanent probation (see definition below) and allowed to progress in the curriculum.
- Suspended students will not be allowed to seek or hold office in any professional organization at the SCCP.
- Failure to remove all deficiencies and to attain a cumulative GPA of 2.00 or higher by the conclusion of a period of suspension will result in dismissal (see definition below) from the College of Pharmacy.

Probation:

- Probation is a permanent status in which a student must consistently and satisfactorily progress in the curriculum. Probationary students must attain a GPA of 2.00 or higher and meet the requirements for promotion by the beginning of fall semester each year. To enter the fourth professional year, all professional students must have successfully completed all professional course requirements, including elective courses, by the end of the spring semester of the third professional year.
- Probationary students will not be allowed to seek or hold office in any professional organization at the SCCP.
- Failure to satisfy the terms of probation will result in dismissal.

Dismissal:

Dismissal is the mandatory and permanent withdrawal of a student. The college will not accept any course work, completed at the SCCP or other institutions, relative to a dismissed student's attempt to complete the program. Students will be dismissed if they fail to remove all deficiencies and fail to attain a cumulative GPA of 2.00 or higher by the conclusion of a period of suspension or if they fail to satisfy the terms of probation. A student may repeat a course in the professional curriculum only once.

Petitions:

- Any student seeking an exception to the academic standards may petition the SCCP Scholastic Standing Committee. A petition may be approved or denied based on the merits of the individual situation. The petition process will be handled through the Scholastic Standing Committee.
- A petition for readmission following withdrawal or dismissal from the program must be made to both the Scholastic Standing Committee and the Admissions Committee.

SCCP Course Policies

- Students are obligated to complete all assigned work promptly, to attend class regularly, and to participate in class discussions/group exercises.
- Attendance is expected for all classes. The course coordinator may choose to establish a specific attendance policy in an individual course and this policy, along with consequences of violation of this attendance policy, should be presented to students enrolled in the class at the beginning of the semester, as part of the course syllabus. The course coordinator may choose to exact a grade penalty for excessive absences as defined in the specific attendance policy.
- Students are required to attend 100 percent of laboratory course meetings.
- If a scheduled test must be missed due to unforeseen circumstances, the student must notify the course coordinator by letter, phone, or e-mail, prior to the test if possible, and the student must obtain an excuse from the Associate Dean at their campus.
- If an absence is excused, the student will either be given a makeup exam or the other test grades will be increased proportionately to compensate for the missing grade. This decision will be at the discretion of the course coordinator.
- There are no excused absences for students participating in introductory pharmacy practice experiences (IPPE); any time missed must be made up at the preceptor's convenience. More specific information regarding attendance policies for IPPE will be provided by the directors of practice experience.
- Students will have a maximum of five days of excused absences during their nine months of advanced pharmacy practice experiences (APPE). Absences cannot be saved and taken all at once, and no more than two days may be excused during one APPE. Absences cannot be saved for the last days of an experience to facilitate an early exit from the practice experience. Failure to meet experience attendance requirements will result in a grade of Incomplete or Withdrawal, based on the individual situation, and the entire practice experience must be repeated; the director of practice experience, preceptor, and Associate Dean of the student's campus will determine the guidelines for repeating the practice experience. More specific information regarding attendance policies for APPE will be provided by the directors of practice experience.

SCCP Student Grievance Policies

Individual Problems: When a student is experiencing a problem with any member of the college's faculty or administration, the following process should be carried out. Prior to each step in the process, the student should seek advice from his or her faculty advisor.

1. Make an appointment with the individual with whom the problem exists, explain the problem, and try to resolve it
2. If the problem cannot be resolved directly, the student should then contact the individual's supervisor.
3. If the problem is still unresolved, the student should complete a Grievance Report Form (found on the college's Web site www.sccp.sc.edu) and forward it to the Associate Dean. The student should also make an appointment to meet with the Associate Dean. The Associate Dean will review the complaint and intervene if college or university policies have been violated. The Associate Dean will maintain a file of all such reported grievances and their outcomes. Situations that have not been resolved at this point will be referred to the SCCP Grievance Committee for final review and action.

Class Problems: When a class feels that there is a problem affecting the class as a whole, the following process should be carried out. Prior to each step in the process, the class president should seek advice from the class advisor.

1. The president should announce and hold a class meeting. Identify the problem(s), clearly reduce them to writing, and ensure that the class is in agreement by simple majority vote. If so, the class president should forward this written statement to the individual(s) involved and request a meeting. If the class president is unsure of whom to contact, he/she should consult the Assistant Dean for student affairs.
2. If a satisfactory understanding or solution is not obtained at this level, the class president should then contact the individual's supervisor.
3. If the problem is still unresolved, the class president should complete a Grievance Report Form (found on the college's Web site www.sccp.sc.edu), forward it and the previous written statement to the Associate Dean. The class president should also make an appointment to meet with the Associate Dean. The Associate Dean will review the complaint and intervene if college or university policies have been violated. The Associate Dean will maintain a file of all such reported grievances and their outcomes. Situations that have not been resolved at this point will be referred to the SCCP Grievance Committee for final review and action.

Accreditation Issues

Issues, questions, comments or complaints pertaining to accreditation should be directed to the Associate Dean on each campus. The College will keep a file of all communications related to accreditation. If issues or complaints have not been satisfactorily resolved at the College the Accreditation Council for Pharmacy Education's (ACPE) may be contacted via email: csinfo@acpe-accredit.org. The Accreditation Council for Pharmacy Education has offices at 20 North Clark Street, Suite 2500, Chicago, Ill. 60602-5109. They may be contacted by phone at 312-664-3575, by fax at 312-664-4652, or via their Web site: www.acpe-accredit.org.

SCCP Student Advisement System

- Each professional class on both campuses will be assigned a faculty class advisor. This class advisor will be actively involved in orientation and should actively promote professionalism within the class; the class advisor should also serve as a problem solver for the class. The advisor may meet with class officers to plan class events such as community outreach. The faculty advisor follows the class throughout their academic career in SCCP. Faculty members may serve a four-year term as class advisor. The class advisors are appointed by the Assistant Dean for student affairs and approved by the chair of the department of the faculty member.
- SCCP faculty members will be encouraged to serve as academic advisors. A faculty advisor should serve as a contact person, problem solver, and mentor for each student assigned to them. The Assistant Dean for student services will meet at least once yearly with the academic advisors to update them on student policies and student support services.
- An advisement period of two weeks will be scheduled during each fall and spring semester and will be published in the SCCP master schedule. During this advisement period, students are encouraged to seek counsel from their faculty advisors.
- Each campus will assign a professor of record, who will enter grades into the campus records system for each specific course. After each major examination, this faculty member is expected to contact the individual students with grades of D+, D, or F on the exam and offer an opportunity to meet with them regarding their performance on the exam, as well as offer mechanisms for improvement. The professor of record is also expected to provide the campus dean's office with a list of students receiving grades of D+, D, or F on the exam; this will allow the dean's office to identify students with academic problems in multiple courses. The dean's office will schedule academic progress conferences with students who have grade difficulties in multiple courses. The dean's office will also notify the academic advisors of students who have deficiencies across courses.

SCCP Student Dress Code

- The dress code is enforced in all practice laboratories and during all practice experiences.
- MUSC campus students must wear ID badges at all times on campus.
- **Laboratory Practice Experiences:** Students and instructors will be expected to dress in a clean and professional manner. The instructors and students are responsible for maintaining compliance with the dress code policy. Students not wearing clothing deemed appropriate by the instructors will be warned at the first offense; a second offense of this policy will result in the student being asked to return in appropriate dress. The following are the guidelines for appropriate dress:
Students: White jacket-length lab coat (long sleeves required, non-SCCP/commercial logos and badges not permitted), id badge, dress slacks, dress shirt with tie, dress, skirt, blouse, or sweater.
Inappropriate dress includes: Baseball caps, tight-fitting leggings/stirrup pants, spandex, jeans, shorts, tee-shirts, any type of sweat pants or sweatshirts, halter tops, tank tops, midriffs, backless tops, flip flops, open-toed shoes, fatigues, any attire or accessories that may be deemed unsafe or distracting in the laboratory practice setting.
- **Practice Experiences:** Students in practice experiences must be properly attired.* Appropriate dress includes jacket-length, long-sleeved white lab coat, prominent display of the student's ID badge, dress slacks, dress shirt with tie, socks, dress, skirt, blouse, closed-toe business dress shoes. No attire or accessories that may be deemed unsafe or distracting to patients will be permitted.

**Individual sites may have a more rigorous dress code; students must adhere to specific preceptor/site requirements. The described dress policy is mandatory during practice experiences, seminars, and professional events where students represent the S.C. College of Pharmacy.*

SCCP Student Policy for Alcohol and Other Drug Abuse Prevention and Intervention

The specific policies for alcohol and other drug abuse prevention and intervention for students enrolled in the South Carolina College of Pharmacy are defined in the individual academic bulletins for the students' campus of enrollment, the University of South Carolina-Columbia or the Medical University of South Carolina-Charleston. For students at the USC campus, *Carolina Community* provides additional guidelines, including notification of student rights under FERPA and other mandated notifications.

SCCP Severe Weather Policies

The specific policies for severe weather scheduling changes will be determined by the SCCP administration based on guidelines for the University of South Carolina and the Medical University of South Carolina.

SCCP Student Sexual Harassment Policy

The specific policies regarding sexual harassment for students enrolled in the South Carolina College of Pharmacy are defined in the individual academic bulletins for the students' campus of enrollment, the University of South Carolina-Columbia or the Medical University of South Carolina-Charleston. For students at the USC campus, *Carolina Community* provides additional guidelines, including notification of student rights under FERPA and other mandated notifications.

SCCP Student Honor Code

- Policies regarding honor code and academic integrity for students enrolled in the South Carolina College of Pharmacy are defined in the individual academic bulletins for the students' campus of enrollment, the University of South Carolina-Columbia or the Medical University of South Carolina-Charleston. For students at the USC campus, *Carolina Community* provides additional guidelines, including notification of student rights under FERPA and other mandated notifications.
- Individual SCCP committees will be appointed at the USC campus and the MUSC campus to review and take action on situations regarding honor code violations and academic integrity issues on their specific campus. The academic bulletin for the campus involved will provide the guidelines for dealing with these situations.
- Once a year, at the end of the academic year, the appropriate SCCP committees at the individual campuses will hold a joint meeting to review specific committee actions for the year and to make recommendations regarding honor code and academic integrity issues for SCCP. If students on either campus have been found guilty of academic violations, the uniformity of sanctions between campuses will be evaluated. A report from this joint committee meeting will be forwarded to each campus dean and to the executive dean.

SCCP Student Professionalism Policy

The faculty of our College has approved curricular outcome competencies that each student is expected to master. One of the most important is the demonstration of personal values and ethical principles in all professional and social contexts. Most students come into our program with a well-developed value system that is further refined as they grow through their college experience in general and their professional education. As a result, there is little emphasis on disciplinary procedures. However, to minimize ambiguity with regard to unprofessional and unacceptable behaviors, professionalism policies are presented here in some detail.

- **Professional Standards**
The foremost privilege and responsibility of the profession of pharmacy is to selflessly serve humanity, follow state and federal rules and regulations with regards to the pharmacy profession, and to promote the public health and welfare. Given such important privilege and responsibility, pharmacy students are expected to present and conduct themselves in a manner commensurate with a health care professional.

Expected professional behavior includes but is not limited to the following:

1. Student attendance for rotations, lectures, laboratory sessions, and meetings is expected and students must adhere to attendance policies enacted by the course syllabus. Students are expected to be punctual and to remain present until the conclusion of the activity.
2. In all academic and professional settings, students are expected to be alert and prepared to handle all assigned tasks and duties. When students are assigned to work with others, it is expected that the student will participate and complete their responsibilities with regard to the project.
3. In all academic, professional, and social settings, it is expected that students will be, courteous, respectful, non-disruptive, and display positive demeanor.
4. The expression of criticism or issues, either in person, in writing (letter or email), or telephone will be done in a non-threatening, non-abusive, and positive manner. Students should follow the SCCP Student Grievance Policies in regards to individual or class issues.
5. In professional settings, students will always dress in accordance with the SCCP Dress Code.
6. In all academic, professional, and public settings, it is expected that students will display the highest level of honesty and ethics. If a student suspects that another student has committed a form of academic dishonesty, there is an obligation on the student to report the violation in accordance with the campus Honor Code.
7. Students are expected to follow and uphold all professional state and federal laws as well as all local, state and federal laws in general.

- **Procedures**
Any student, faculty, staff member, or individual associated with the College's academic programs may report a student for lack of professional behavior to the Assistant Dean for Student Affairs. Under usual circumstances, the incident should have been brought to the student's attention and resolution attempted before reporting the incident to the Assistant Dean. Upon receiving a report regarding unprofessional behavior, the Assistant Dean will determine the legitimacy of the report in accordance with his/her understanding of professional standards for behavior, the severity of the incident, and the urgency by which it needs to be addressed. Depending on the nature of the behavior, the Assistant Dean may act on a single behavioral report or wait to act until he/she receives multiple reports of unprofessional behavior on a student. In cases where the Assistant Dean makes the decision to delay formal action, he/she should inform the student of the complaint of unprofessional behavior and that future complaints will result in formal action. Once the Assistant Dean determines that administrative action is warranted, each case will be addressed in the following manner:

For the first action to address unprofessional behavior, the Assistant Dean will meet with the student to counsel him/her on the seriousness of the behavior and the potential consequences to the student of such actions, including potential dismissal from the College of Pharmacy for repeated unprofessional behavior. The discussion will also include strategies to correct the behavior or address the problem. These may include a requirement that the student be evaluated by student counseling services and adherence to any treatment plan that is recommended. Following the session, the student and Assistant Dean will sign and date a statement acknowledging the student's behavior and his/her awareness of potential consequences for similar behavior in the future. The document will be placed in the student's academic file.

1. For the next reported offense, the Assistant Dean will notify the student and the chair of the SCCP Scholastic Standing and Petitions Committee. The student will appear before the committee to discuss the behavior. Following this session, the committee may recommend to the Associate Dean that the student be placed on professional probation in the College of Pharmacy, a final warning of the impending consequences of a third offense.
2. For subsequent problems with professionalism, the Assistant Dean will notify the student and the Scholastic Standing Committee. After meeting with the student, the committee will recommend to the Associate Dean an appropriate course of action. The outcome will be based on the type of unprofessional behavior and whether this is a new behavior problem or continuation of an ongoing problem. Possible outcomes will be professional probation, continued professional probation, suspension from the Doctor of Pharmacy program for up to one year, or dismissal from the College of Pharmacy. Students who receive continued professional probation or suspension will be dismissed from the College of Pharmacy upon further problems with unprofessional behavior.
3. Students may appeal decisions of the committee to the respective Campus Dean of the College of Pharmacy. The Campus Deans decision is final. This appeal must be received in writing within 30 days of the notification of the sanction.
4. In some instances, policies for individual university campuses may override or carry more stringent penalties based on the violation than the policies stated in this document. University policies will be enforced in these cases.

Accreditation Disclosure Statement

The Accreditation Council for Pharmacy Education (ACPE) accredits Doctor of Pharmacy programs offered by Colleges and Schools of Pharmacy in the United States and selected non-US sites. For a Doctor of Pharmacy program offered by a new College or School of Pharmacy, ACPE accreditation generally involves three steps: Precandidate status, Candidate status, and Full accreditation. Precandidate accreditation status denotes a developmental program, which is expected to mature in accord with stated plans and within a defined time period. Precandidate status is awarded to a new program of a College or School of Pharmacy that has not yet enrolled students in the professional program, and authorizes the college or school to admit its first class. Candidate accreditation status is awarded to a Doctor of Pharmacy program that has students enrolled, but has not yet had a graduating class. Full accreditation is awarded to a program that has met all ACPE standards for accreditation and has graduated its first class. Graduates of a class designated as having Candidate status have the same rights and privileges of those graduates from a fully accredited program. ACPE conveys its decisions to the various boards of pharmacy and makes recommendations in accord with its decisions. It should be noted, however, that decisions concerning eligibility for licensure, by examination or reciprocity, reside with the respective state boards of pharmacy in accordance with their state statutes and administrative rules.

The Doctor of Pharmacy program of South Carolina College of Pharmacy was awarded candidate accreditation status during the June 20-23, 2007, meeting of the ACPE Board of Directors, based upon an on-site evaluation conducted May 1-3, 2007, and discussion with MUSC, USC and SCCP officials. An on-site evaluation will be scheduled during academic year 2008-2009 for purposes of gathering additional information to be considered in the Board's consideration of continuing Candidate accreditation status. Based upon this evaluation, should the Board feel that Candidate status could not be continued the SCCP could respond to the Board's concerns and reapply prior to the graduation of the first class. If Candidate status is not granted, even after reapplication, graduates may not be eligible for licensure as pharmacists. If Candidate status is granted and the program continues to develop as planned, full accreditation of the Doctor of Pharmacy program would be considered by the Board following the graduation of students from the program.

Precandidate Status:

Granting of precandidate status brings no rights or privileges of accreditation as associated with either candidate status or fully accredited status. Precandidate status indicates only that planning has taken into account ACPE standards and guidelines and suggests reasonable assurance of moving to the next step, that of candidate status. Since precandidate status does not create any rights of accreditation under the ACPE standards, it is the opinion of ACPE that graduates of programs of colleges or schools of pharmacy, which bear precandidate status, do not meet the educational requirements for licensure.

Candidate Status:

With respect to clarification of the meaning of candidate status, graduates of a program so designed would, in the opinion of ACPE, have the same rights and privileges of those graduates from a fully accredited program. The candidate status denotes a developmental program, which is expected to mature in accord with stated plans within a defined time period. It should be underscored, however, that decisions concerning eligibility for licensure, by examination or reciprocity, reside with the respective state boards of pharmacy in accordance with their state statutes and administrative rules. Should a candidate status be awarded to a program, ACPE would, however, make its position known and make recommendations consistent with that position.

Fall P1 (semester 1)	Course #	Hours	Spring P1 (semester 2)	Course #	Hours
Integrated Physiology-Pathophysiology I	SCCP 600	2	Integrated Physiology-Pathophysiology II	SCCP 601	5
Pharmaceutics I	SCCP 605	3	Pharmaceutics II	SCCP 606	3
Microbiology/Immunology	SCCP 610	4	Biochemistry/Biotechnology II	SCCP 616	2
Biochemistry/Biotechnology I	SCCP 615	3	Intro. to Pharmacology and Med. Chem.	SCCP 620	3
Introduction to Pharmacy Practice	SCCP 650	2	Compounding Lab	SCCP 671	1
Pharmacy Calculations and Med. Terminology	SCCP 655	1	Clinical Applications II	SCCP 661	1
Clinical Applications I	SCCP 660	1	Intro. to Drug Information	SCCP 680	1
Community Lab I	SCCP 670	1			
		17			16

Summer P1

Introductory Community Practice Experience	SCCP 699	4
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Fall P2 (semester 3)	Course #	Hours	Spring P2 (semester 4)	Course #	Hours
Pharmacology II	SCCP 720	3	Pharmacotherapy I	SCCP 770	4
Medicinal Chemistry II	SCCP 725	3	Pharmacology III	SCCP 721	3
Self-Care and Complementary Med.	SCCP 750	4	Medicinal Chemistry III	SCCP 726	3
Biopharmaceutics and Pharmacokinetics	SCCP 710	3	Outcomes Design and Assessment	SCCP 780	3
Hospital Lab I	SCCP 790	1	Hospital Lab II	SCCP 791	1
Clinical Applications III	SCCP 760	1	Clinical Applications IV	SCCP 761	1
Elective	XXXX XXX	2	Community Lab II	SCCP 771	1
		17	Elective	XXXX XXX	2

Summer P2

Introductory Institutional Practice Experience	SCCP 799	4
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Fall P3 (semester 5)	Course #	Hours	Spring P3 (semester 6)	Course #	Hours
Pharmacotherapy II	SCCP 870	5	Pharmacotherapy III	SCCP 871	7
Health Care Systems and Management	SCCP 850	4	Pharmacy Law and Ethics	SCCP 885	3
Advanced Drug Information	SCCP 880	2	Clinical Assessment	SCCP 895	3
Clinical Pharmacokinetics	SCCP 890	3	Clinical Applications VI	SCCP 861	1
Clinical Applications V	SCCP 860	1	Elective	XXXX XXX	2
Elective	XXXX XXX	2			
		17			16

Summer P4

Fall P4 (semester 7)

Spring P4 (semester 8)

- ☐ Minimum 1440 hours of experiential education (as recommended by ACPE) will be satisfied by **nine** 4-credit (one-month) advanced practice experiences in the P4 year, beginning in the summer after the P3 year.
- ☐ One 1-credit seminar/grand rounds will be required during the P4 year.
- ☐ Minimum 300 hours of introductory practice experience (as recommended by ACPE) will be satisfied by **two** 4-credit (one-month) introductory practice experiences in the summers of the P1 and/or P2 years.
- ☐ Clinical Applications I–V are recitations designed to bring clinical relevance to basic and applied pharmaceutical science principles in a case-based format.
- ☐ Clinical Applications VI is a recitation designed as a capstone course, where case studies of complex patients will bring together concepts learned throughout the previous professional years.
- ☐ Additional **optional** elective courses may be taken, and interested students could be encouraged to take an additional elective during the spring semester of the P1 year. All elective courses taken as part of the professional program must be approved by the South Carolina College of Pharmacy.
- ☐ All students will be required to submit to a criminal background check each year prior to beginning pharmacy practice experience rotations, some rotation sites may require students to submit to a drug test prior to the rotation.
- ☐ All students must complete CPR and First Aid certification prior to the P2 summer rotation and are required to maintain certification throughout the P3 and P4 years.

South Carolina College of Pharmacy Course Descriptions

●	<p>SCCP 600: Integrated Physiology-Pathophysiology I The study of integrative regulatory mechanisms responsible for maintenance of homeostasis in the normal human and the alterations which occur in these mechanisms leading to specific disease processes. Understanding the mechanisms of disease is essential to the role of the professional pharmacist in determining the appropriate pharmacotherapeutic treatment of the patient. Course Format: 2 credit hours. Lecture format in 50-minute sessions. Prerequisite: first professional year standing.</p>
●	<p>SCCP 601: Integrated Physiology-Pathophysiology II The study of integrative regulatory mechanisms responsible for maintenance of homeostasis in the normal human and the alterations which occur in these mechanisms leading to specific disease processes. Understanding the mechanisms of disease is essential to the role of the professional pharmacist in determining the appropriate pharmacotherapeutic treatment of the patient. Course Format: 5 credit hours. Lecture format in 50-minute sessions. Prerequisites: SCCP 600; first professional year standing.</p>
●	<p>SCCP 605: Pharmaceutics I A study of the physiochemical principles of the formulation, preparation, properties, and performance of pharmaceutical dosage forms with an emphasis on aqueous and nonaqueous liquids, suspensions, emulsions, and compounding principles. Course Format: 3 credit hours. Lecture format in 75-min sessions. Prerequisite: first professional year standing.</p>
●	<p>SCCP 606: Pharmaceutics II A continuation of the study of physiochemical principles in the formulation, preparation, properties, and performance of pharmaceutical dosage forms, with an emphasis on solid, unit oral dosage forms; sustained and controlled delivery; and rectal, parenteral, and biological delivery systems. Course Format: 3 credit hours. Lecture format in 75-min sessions. Prerequisites: SCCP 605; first professional year standing.</p>
●	<p>SCCP 610: Microbiology/Immunology Introduction to pathogenic organisms and the role of immunology in human disease. Course Format: 4 credit hours. Lecture format in 50-minute sessions. Prerequisite: first professional year standing.</p>
●	<p>SCCP 615: Biochemistry/Biotechnology I First semester of two in a sequence of Biochemistry and Biotechnology. The course covers the molecular basis of human biology and physiology. Course Format: 3 credit hours. Lecture format in 50-minute sessions. Prerequisite: first professional year standing.</p>
●	<p>SCCP 616: Biochemistry/ Biotechnology II Second semester course in a two-semester sequence of Biochemistry and Biotechnology. The course covers the molecular basis of human biology and physiology. Course Format: 2 credit hours. Lecture format in 50-minute sessions. Prerequisites: SCCP 615; first professional year standing.</p>
●	<p>SCCP 620: Introduction to Pharmacology and Medicinal Chemistry An introduction to the basic principles and concepts of medicinal chemistry and pharmacology including the relationship of molecular structure to drug absorption, distribution, metabolism, excretion, and receptor interactions; receptor organization and function, signal transduction, drug response variables, drug evaluation, and drug discovery. Course Format: 3 credit hours. Lecture format in 50-minute sessions. Prerequisite: first professional year standing.</p>
●	<p>SCCP 650: Introduction to Pharmacy Practice Introduction to the professional issues relevant to the practice of pharmacy. Course Format: 2 credit hours. Lecture format in 50-minute sessions. Prerequisite: first professional year standing.</p>
●	<p>SCCP 655: Pharmacy Calculations and Medical Terminology Principles of pharmacy mathematics and medical terminology relevant to the pharmacy practice environment. Course Format: 1 credit hour. Recitation format in two-hour session. Prerequisite: first professional year standing.</p>
●	<p>SCCP 660: Clinical Applications I Case-based discussions that integrate and demonstrate applicability of other course material. Course Format: 1 credit hour. Recitation format in two-hour session. Prerequisite: first professional year standing.</p>
●	<p>SCCP 661: Clinical Applications II Case-based discussions that integrate and demonstrate applicability of other course material. Course Format: 1 credit hour. Recitation format in two-hour session. Prerequisite: first professional year standing.</p>
●	<p>SCCP 670: Community Lab I Interactive laboratory session designed to provide students with a thorough understanding of community pharmacy practice skills, to include the knowledge of prescription and drug order processing necessary to function in community pharmacy practice at a basic level. Course Format: 1 credit hour. Laboratory format in three-hour session. Prerequisite: first professional year standing.</p>
●	<p>SCCP 671: Pharmacy Compounding Lab The art, science, and technology of pharmacy compounding. Course Format: 1 credit hour. Laboratory format in three-hour session. Prerequisite: first professional year standing.</p>
●	<p>SCCP 680: Introduction to Drug Information Basic principles of access and utilization of drug information resources. Course Format: 1 credit hour. Lecture format in 50-minute session. Prerequisite: first professional year standing.</p>
●	<p>SCCP 699: Introductory Community Practice Pharmacy Experience Introduction to the practice of the pharmacy in the community pharmacy setting. Forty hours of directed experience per week for four weeks. Course Format: 4 credit hours. Practice experience of 4 weeks, 40 hours per week. Prerequisite: first professional year standing. Pass/Fail</p>
●	<p>SCCP 710: Biopharmaceutics and Pharmacokinetics Study of the pharmacokinetics of drug absorption, distribution, and elimination (metabolism and excretion). Introductory application of pharmacokinetics to drug interactions and dosage regimen design and adjustment, selected disease states, and special populations. Course Format: 3 credit hours. Lecture format in two 50-minute sessions; recitation format in 2-hour session. Prerequisite: SCCP 606; second professional year standing.</p>
●	<p>SCCP 720: Pharmacology II Mechanism and site of action(s), prototypic examples, and therapeutic applications of cholinergic agents; neuromuscular blockers; adrenergic agents; local anesthetics; cardiovascular agents; diuretics; hypolipidemic agents, antithrombotic, anticoagulant, and thrombolytic drugs, agents for respiratory tract disorders and antihistamines, and Ca⁺⁺/endocrine hormones. Course Format: 3 credit hours. Lecture format in 50-minute sessions. Prerequisites: SCCP 620; second professional year standing.</p>

●	<p>SCCP 721: Pharmacology III Mechanism of action, biological effects, and therapeutic applications of CNS-acting agents, anti-inflammatory agents, immunomodulating agents, agents for gastrointestinal tract disease, hormonal agents, antimicrobial agents, and cancer chemotherapy. Course Format: 3 credit hours. Lecture format in 50-minute sessions. Prerequisites: SCCP 720; second professional year standing.</p>
●	<p>SCCP 725: Medicinal Chemistry II The first course in a two-semester sequence describing the molecular basis for pharmacotherapy; a complementary course to Pharmacology II, including autonomic nervous system, cardiovascular and CNS agents with emphasis on the chemical rationale for drug therapeutic actions and side effects with the pharmacogenomic basis for individualized drug therapy. Course Format: 3 credit hours. Lecture format in 50-minute sessions. Prerequisites: SCCP 620; second professional year standing.</p>
●	<p>SCCP 726: Medicinal Chemistry III The second course in a two-semester sequence describing the molecular basis for pharmacotherapy; a complementary course to Pharmacology III, including CNS agents, agents acting on localized hormonal (autacoidal) pathways, agents acting on hormonal pathways, and antimicrobial, antineoplastic, and antiviral agents, with an emphasis on the chemical rationale for drug therapeutic actions and side effects with the Pharmacogenomics basis for individualized drug therapy. Course Format: 3 credit hours. Lecture format in 50-minute sessions. Prerequisites: SCCP 725; second professional year standing.</p>
●	<p>SCCP 750: Self-Care and Complementary Medicines A review of indications, contraindications, and cautions involved with the recommendation and dispensing of nonprescription (OTC) drug items and complementary medicines. Course Format: 4 credit hours. Lecture format in 50-minute sessions. Prerequisite: second professional year standing.</p>
●	<p>SCCP 760: Clinical Applications III Case-based discussions that integrate and demonstrate applicability of other course material in patient care. Course Format: 1 credit hour. Recitation format in 2-hour session. Prerequisite: second professional year standing.</p>
●	<p>SCCP 761: Clinical Applications IV Case-based discussions that integrate and demonstrate applicability of other course material in patient care. Course Format: 1 credit hour. Recitation format in 2-hour session. Prerequisite: second professional year standing.</p>
●	<p>SCCP 770: Pharmacotherapy I Consists of 60 hours of didactic lecture. Builds upon the prerequisites of the basic sciences, particularly anatomy, physiology, pathophysiology, pharmacology, microbiology, medical terminology, and pharmacokinetics. Provides an organ-based approach to pharmaceutical care and disease management. Second professional year students will learn about disease prevention and health promotion, as well as the drug and non-drug therapy of acute and chronic diseases seen in both hospitalized and ambulatory patients. Emphasis is placed on solving patient problems. Pharmacotherapy I covers the following areas: infectious diseases, fluid and electrolyte management, nutrition, oncology, toxicology. Course Format: 4 credit hours. Lecture format in 50-minute sessions. Prerequisite: second professional year standing.</p>
●	<p>SCCP 771: Community Laboratory II Provide students with an advanced knowledge of prescription and drug order processing, and assist them in the development of appropriate skills necessary for provision of pharmaceutical care to patients in the community setting, through the use of medication profiles, patient counseling, personal interviews, and appropriate prescription and nonprescription drug information. Course Format: 1 credit hour. Laboratory format in 3-hour session. Prerequisites: SCCP 670; second professional year standing.</p>
●	<p>SCCP 780: Outcomes Design and Assessment Common statistical methods and study designs used in pharmacoepidemiology and outcomes research, as well as to issues related to the measurement, analysis, and interpretation of results of clinical trials and outcomes studies. Course Format: 3 credit hours. Lecture format in 50-minute session. Prerequisite: second professional year standing.</p>
●	<p>SCCP 790: Hospital Laboratory I Expose students to the practice of pharmacy while also illustrating how theoretical concepts from the basic pharmaceutical sciences relate to daily pharmacy practice, especially in the institutional settings. This lab focuses on understanding of medical chart evaluation with emphasis on drug therapy monitoring and developing skills in different aspects of hospital pharmacy (sterile product preparation, unit dose, prepackaging and compounding, order entry, and cart-fill). Course Format: 1 credit hour. Laboratory format in 3-hour session. Prerequisite: second professional year standing.</p>
●	<p>SCCP 791: Hospital Laboratory II Expose students to the practice of pharmacy while also illustrating how theoretical concepts from the basic pharmaceutical sciences relate to daily pharmacy practice, especially in the institutional setting. This lab focuses on the understandings of clinical nutrition support, chemotherapy, anesthesia, pain management, controlled substances, and crash carts, as well as interpretation and preparation of such medical orders. Students must successfully complete media fill IV preparation. Course Format: 1 credit hour. Laboratory format in 3-hour session. Prerequisites: SCCP 790; second professional year standing.</p>
●	<p>SCCP 798: Introductory Institutional Practice Pharmacy Experience Introduction to the practice of the pharmacy in the institutional setting. Forty hours of directed experience per week for four weeks. Course Format: 4 credit hours. Practice experience of 4 weeks, 40 hours per week. Prerequisite: second professional year standing. Pass/Fail</p>
●	<p>SCCP 850: Health Care Systems and Management This course provides insight and understanding of the U.S. health care system and pharmacy's role within that system. Managerial skills and concepts are taught to allow pharmacists to maximize their contribution to this health care system and to the patients it serves. Course Format: 4 credit hours. Lecture format in 50-minute sessions. Prerequisite: third professional year standing.</p>
●	<p>SCCP 860: Clinical Applications V Case-based discussions that integrate and demonstrate applicability of other course material in patient care. Course Format: 1 credit hour. Recitation format in 2-hour session. Prerequisite: third professional year standing.</p>
●	<p>SCCP 861: Clinical Applications VI A capstone course, where case studies of complex patients will bring together concepts learned throughout the previous semesters in the professional program. Course Format: 1 credit hour. Recitation format in 2-hour session. Prerequisite: third professional year standing.</p>
●	<p>SCCP 870: Pharmacotherapy II Consists of 75 hours of didactic lecture. Builds upon the prerequisites of the basic sciences, particularly anatomy, physiology, pathophysiology, pharmacology, microbiology, medical terminology, and pharmacokinetics, as well as PCT I. Provides an organ-based approach to pharmaceutical care and disease management. Third professional year students will learn about disease prevention and health promotion, as well as the drug and non-drug therapy of acute and chronic diseases seen in both hospitalized and ambulatory patients. Emphasis is placed on solving patient problems. Pharmacotherapy II covers the following areas: cardiology, women's health, and pulmonary, bone, and joint diseases. Course Format: 5 credit hours. Lecture format in 50-minute sessions. Prerequisite: third professional year standing.</p>

●	<p>SCCP 764: Personal Finance This course is designed to provide the health care practitioner with the knowledge and skills to manage their personal finances in an effective manner. After successfully completing this course, the student will be able to understand the process for making personal financial decisions; establish personal financial goals; evaluate the factors that influence personal financial planning; and apply strategies for attaining personal financial goals. <u>Course Format:</u> 3 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> second or third professional year standing. Spring semester.</p>
●	<p>SCCP 766: Survey of Herbal Medicine and Healing Practice This course is designed to expose the student to a wide variety of herbal medicines and dietary supplements. Discussions will also include regulation of herbal supplements, evaluation of the alternative medicine literature, and disease-directed discussions with case studies. <u>Course Format:</u> 3 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> second or third professional year standing. Spring semester.</p>
●	<p>SCCP 768: Geriatric and Long Term Care Pharmacy Practice The course will introduce students to various topics related to the care of older patients in the community, hospital, and/or long term care settings. Course content will compliment the curriculum with regard to geriatric pathophysiology, pharmacology, and pharmacotherapeutics. It will expand upon the practice of long-term care consulting. In addition to class discussions and lectures, students will participate in a consultant pharmacist shadowing experience, develop a presentation related to medication safety in older patients, and complete a project related to healthy aging. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> second or third professional year standing. Spring semester. Offered only on MUSC Campus</p>
●	<p>SCCP 774: Pharmacy Political Advocacy This class will focus on enabling students to become advocates for the pharmacy profession through review of current legislation that affects pharmacists and healthcare, as well as determining the impact of legislation on the profession. Students will learn how to affect legislation through contact with their representatives and through collaboration with pharmacy organizations. Concepts for providing to their representatives a concise review of the effect of legislation will also be reviewed. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> second or third professional year standing. Spring semester. Offered only on USC campus.</p>
●	<p>SCCP 776: Medication Therapy Management This course will establish the foundation of rationale and design of medication therapy management services. Content will include interpretation of current healthcare legislation, methods for counseling patients on prescription benefits, and design/implementation of medication therapy management services. Students will engage in interactive lecture, active learning, and critical thinking exercises. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> third professional year standing. Spring semester. Offered only on USC campus.</p>
●	<p>SCCP 777: Nuclear Pharmacy I This course introduces students to the basic operation of a nuclear pharmacy. Instruction begins with a broad overview of nuclear pharmacy with emphasis on challenges and opportunities currently available in the industry. The student will be given a tour of a licensed nuclear pharmacy to assist in establishing a visual relationship to many of the topics that will be discussed this course as well as subsequent courses. Upon establishment of this skeleton framework, the course then shifts to introduce the student to basic radiation physics, decay calculations used in nuclear medicine, the chemistry of various radionuclides and radioisotopes, and basic radiation biology. Limited half life values and pertinent information that relates to key isotopes commonly used in nuclear pharmacy will be given to the student in chart format to be committed to memory. Radiation safety techniques are also heavily emphasized during this course. <u>Course Format:</u> 3 credit hours. <u>Lecture format and nuclear pharmacy visitation.</u> <u>Prerequisite:</u> second or third professional year standing. Distance Education. Fall semester.</p>
●	<p>SCCP 778: Nuclear Pharmacy II This course builds on the framework that was introduced in SCCP 777. The course begins with a brief review of the key elements from prior coursework with immediate emphasis on material that should be committed to memory. The course introduces the student to the procedures necessary to produce and dispense quality radiopharmaceuticals. The course then shifts to the specific use of various radiopharmaceuticals in the nuclear pharmacy. Imaging modalities being discussed during this course includes: brain, thyroid, lung, liver, spleen, gastrointestinal, kidney, and bone. Other procedures are also discussed in this course. When possible, experts in the various fields will be used to provide in depth instruction for each topic. <u>Course Format:</u> 3 credit hours. <u>Lecture format and nuclear pharmacy visitation.</u> <u>Prerequisite:</u> SCCP 777; second or third professional year standing. Distance Education. Spring semester.</p>
●	<p>SCCP 851: Acute Care Therapeutics A disease oriented approach and organ integrated approach to the care of patients with acute illnesses managed in the in-patient hospital setting. Students will learn common disease processes that affect the acutely ill hospitalized patient and the appropriate pharmacotherapy to treat these patients. This course focuses on developing critical thinking and problem solving skills, and integrating material from this course and previous courses in a case-based format. <u>Course Format:</u> 3 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> third professional year standing. Spring semester. Offered only on MUSC Campus</p>
●	<p>SCCP 856: Evidence Based Medicine This course is designed to instruct students on the proper approach to critical evaluation of the medical literature. An evidence based approach to patient care hinges on the medical team's ability to utilize the most current literature available. Students will learn the keys to critiquing the medical literature, including basic statistical and analytical concepts, in an open forum style, with application of literature information to clinical scenarios. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> third professional year standing. Spring semester. Offered only on USC campus.</p>
●	<p>SCCP 857: Community Pharmacy Practice and Operations This course is intended to provide a practical look at independent community pharmacy. The goal of the course is to expose students to the many aspects involved in starting, owning and running a business. Each session will focus on a unique aspect of independent pharmacy ownership or pharmacist driven business, along with management skills required to effectively operate the business. Students will learn to critically appraise and discuss independent store ownership/management or pharmacy related business through lectures, readings, discussions and projects. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> third professional year standing. Spring semester. Offered only on USC campus.</p>
●	<p>SCCP 858: Drug Interactions This course is designed to prepare students to appropriately recognize, predict, assess, and manage drug interactions that are encountered in pharmacy practice. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> third professional year standing. Spring semester. Offered only on USC campus.</p>
●	<p>SCCP 859: Design and Conduct of Clinical Research Studies This course is designed to provide students with exposure to clinical research. The demand for pharmacist researchers in a variety of settings continues to increase, and clinical pharmacists are often called upon to engage in some research activities. Residency training provides practical application of research; however, most residents lack an in-depth exposure to the varied aspects of research prior to graduation. This class will provide students with information related to various types of research, discuss the ethical considerations related to clinical research, and provide students with the opportunity to develop and present a clinical research protocol. This course will help prepare students for post-graduate (residency, fellowship, or PhD) research endeavors. <u>Course Format:</u> 2 credit hours. <u>Lecture format.</u> <u>Prerequisite:</u> third professional year standing. Fall semester. Offered only on USC campus.</p>

●	<p>SCCP 863: Medication Safety Management This course is designed to teach students proper medication safety practices. As medications are prescribed, prepared, dispensed, and administered safely and appropriately, patients' lives are ultimately improved. However, health care providers are human and thereby fallible by nature. Knowledge of ways in which medication errors commonly occur and the modalities in place to prevent such errors is important to the practice of pharmacy. This course will allow students to learn the history of medication safety, institutional policies, and technological advances in medication safety. Course Format: 2 credit hours. Lecture format. Prerequisite: third professional year standing. Fall semester. Offered only on USC campus.</p>
●	<p>SCCP 877: Nuclear Pharmacy III This course continues to build on the framework that has been established in SCCP 777 and SCCP 778. The course begins with an overview of cardiology and continues into a detailed review of nuclear cardiac imaging. Currently available therapeutic agents will then be examined for their current role in nuclear pharmacy. The course then shifts to examine the regulatory aspects that govern the profession. The student will become extensively familiar with the various regulations and regulators within the scope of nuclear pharmacy. Course Format: 3 credit hours. Lecture format and nuclear pharmacy visitation. Prerequisite: SCCP 777 and SCCP 778; third professional year standing. Distance Education. Fall semester.</p>
●	<p>SCCP 878: Nuclear Pharmacy IV This course continues to build on the framework that has been established in SCCP 777, SCCP 778, and SCCP 877. The course begins with instruction on P.E.T. procedures (Positron Emission Tomography). F-18 FDG is studied in detail for its role in nuclear medicine. Quality Control procedures and standards for P.E.T. are addressed. Pipeline and research drugs are also discussed with a special highlight on the future of nuclear pharmacy. This course is concluded with a broad review of nuclear pharmacy. Nuclear pharmacy career opportunities are discussed in this course. Course Format: 4 credit hours. Lecture format and nuclear pharmacy visitation. Prerequisite: SCCP 777, 778, and 887; third professional year standing. Distance Education. Spring semester.</p>

SCCP Calendar/Schedule	
Fall 2008	
Orientation (1 st yr only)	8/18 – 8/19
White Coat Ceremony	8/18 (MUSC campus) 8/19 (USC campus)
Start Date	8/20
Labor Day ¹	9/1
Fall Break	10/9 – 10/10
Research Day ²	11/7
Thanksgiving	11/26 – 11/28
Last day of Class	12/5
Reading Day	12/6
Finals	12/8 – 12/15
Total Days of Class	71

¹State holiday; no classes

²No class for SCCP students

Spring 2009	
Start Date	1/8
MLK Day ¹	1/19
Interprofessional Day ²	1/23
Spring Break	3/7 – 3/15
Last day of Class	4/27
Reading Day	4/28
Finals	4/29 – 5/6
Total Days of Class	72
Commencement	5/8 & 5/9 (USC) 5/15 (MUSC)

¹State holiday; no classes

²For 1st and 2nd year students only

Notice and Disclaimers

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Doctor of Pharmacy students of the South Carolina College of Pharmacy are bound by the policies and procedures of this bulletin. For policies and procedures not addressed in this bulletin, students are bound by the policies of their assigned university campus (University of South Carolina or Medical University of South Carolina) and are hereby made part of this document by reference.

Effective Date August 15, 2008