

UNIVERSITY OF APPALACHIA COLLEGE OF PHARMACY CATALOG 2008-2009



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Updated 8-18-08

ACADEMIC CALENDAR

2008-2009 ACADEMIC CALENDAR for the Classes of 2010 – 2011 (P1 and P2 Students)

2008 Summer Term, P2 (Class of 2010)

May 5, 2008	First day of Class
May 19-June 6, 2008	CPPE I
June 9 – June 27, 2008	CPPE II
June 30 – July 4, 2008	Summer Break
July 7, 2008	Classes resume
July 25, 26 or 27, 2008	Community Service Date (RAM)
August 15, 2008	Last day of class
August 18-21, 2008	Intersession Break

2008 Fall Term, P1 and P2 (Classes of 2010 – 2011)

August 20-22, 2008	Orientation and Registration for P1/P2 (Mandatory for Classes of '10 and '11)
August 25, 2008	First day of Class P1/P2
September 1, 2008	Labor Day Holiday
September 29, 2008	Community Service Day
September 22-23, 2008	Fall Break I
October 16-17, 2008	Fall Break II
November 26-28, 2008	Thanksgiving Holiday
December 18, 2008	Last day of Class Fall Term
December 19, 2008-January 2, 2009	Intersession Break

2009 Spring Term, P1 and P2 (Classes of 2010 – 2011)

January 5, 2009	First day of Class P1/P2
January 19, 2009	Martin Luther King Holiday
March 2-6, 2009	Spring Break
March 30, 2009	Community Service Day
April 24, 2009	Last day of Didactic Classes
April 29, 2009	Last day of Class Spring Term (P1 and P2 Milestone Examinations)
April 30-May 1, 2009	Intersession Break

2008-2009 ACADEMIC CALENDAR for the Classes of 2009 (P3 Students)

2008 Summer Term, P3 (Class of 2009)

May 5, 2008	First day of Class
June 13, 2008	Last day of didactic instruction
June 23, 2008 – July 25, 2008	APPE I
July 28, 2008 – August 29, 2008	APPE II

2008 Fall Term, P3 (Class of 2009)

September 2, 2008 – October 3, 2008	APPE III
October 6, 2008 – November 7, 2008	APPE IV
November 10, 2008 – December 12, 2008	APPE V
December 13, 2008 – January 11, 2009	Winter Break

2009 Spring Term, P3 (Class of 2009)

January 12, 2009 – February 13, 2009	APPE VI
February 16, 2009 – March 20, 2009	APPE VII
March 23, 2009 – April 24, 2009	APPE IX
May 4-14, 2009	Board Reviews Law Reviews P3 Milestone Exam
May 14, 2009	Honors Dinner
May 15, 2009	Class Day
May 16, 2009	Graduation

SNOW SCHEDULE

Occasionally inclement weather and the hazardous driving conditions may result in the cancellation of classes or a delayed start time. On rare occasions the school may be closed. Changes to the schedule will be announced in the local media outlets, by e-mail, and by calling the main switchboard at 498-4190, and selecting option 7.

MISSION OF THE UNIVERSITY OF APPALACHIA COLLEGE OF PHARMACY

MISSION STATEMENT

The University of Appalachia College of Pharmacy (the College), a college of higher education conferring the Doctor of Pharmacy degree, addresses health-related needs of rural or underserved populations with a focus on Central Appalachia through pharmacy education, service and scholarship. The philosophy of the College is to cultivate a learning community committed to the education and professional development of pharmacists, community service and encouragement of scholarship to support the vision of the College.

The College fulfills the mission through the following goals and values:

Education

- Provide quality pharmacy education to develop pharmacists with the professional attributes necessary to be competent providers of pharmacist-delivered patient care, and managers of medication therapy and medication distribution systems.
- Deliver a comprehensive and integrated curriculum that utilizes student-centered active learning to achieve the defined educational outcomes and competencies.
- Recruit and admit qualified students from Central Appalachia and other regions who demonstrate an interest in the health needs of rural or medically underserved populations.
- Continuously assess and improve the quality of the educational program (content and methods) and assure the qualifications of the faculty and available resources are commensurate with contemporary pharmacy education and practice
- Educate pharmacists to utilize population-specific data, evidence-based interventions, and other public health tools to promote health and wellness and minimize morbidity and mortality.
- Develop and nurture cultural sensitivity, critical thinking skills, and self-directed life-long learning habits.
- Create an environment that is supportive of diverse populations and considers the individual needs of students while encouraging interdisciplinary teamwork and communication.

Service

- Provide early and longitudinal exposure to volunteerism with emphasis on community involvement through College-sponsored activities or community-based organizations or programs.
- Collaborate with community and professional leaders to formulate and communicate public health policy to address health disparities and improve outcomes.
- Identify, develop and implement evidence-based interventions to address health priorities in collaboration with stakeholders and community partners.

- Provide leadership and service through faculty, staff and student participation in UACP, community and professional activities.
- Offer an educational experience that values and responds to the needs of rural and medically underserved communities.
- Enhance social and academic learning while promoting civic engagement.
- Promote excellence in the practice of pharmacy by reflecting contemporary practice and being agents of positive change in the vision for the future.
- Collaborate with health care providers and organizations in a service model that emphasizes the importance of the pharmacists as a key member of an interdisciplinary team.

Scholarship

- Encourage and support research, scholarly pursuits, and publications in the foundational sciences, clinical pharmacy practice, and population health.
- Promote the scholarship of discovery by encouraging collaborative research and publication between foundational science and clinical faculty.
- Advance the scholarship of teaching for optimal student learning and educational outcomes.
- Support the educational and scholarly maturation and mentoring of students and faculty.

Core Values

UACP is committed to the following core values:

Excellence

To meet and exceed, through continuous quality improvement, the highest standards of academic excellence and professionalism in service.

Professionalism

To create a climate that encourages personal development of ethical behavior, responsibility, dependability, and commitment among students, faculty, staff, and administration.

Social Responsibility

To develop a commitment to social responsibility; to contribute to the health and well being of patients, the community, and society in medically underserved regions; and to shape public policy and health promotion at all levels.

Collaboration

To work with other educational institutions, the healthcare community, and other specialties and organizations to foster collaboration among students, faculty, staff, and the community.

Lifelong Learning

To provide meaningful and innovative experiences that encourage and develop a lifelong commitment to learning and professional development of students, faculty, staff, preceptors, alumni and other pharmacists.

HISTORY OF THE UNIVERSITY OF APPALACHIA

The University of Appalachia was established in August of 2003. The Buchanan County Board of Supervisors commissioned Frank Kilgore, its assistant county attorney and the University's founding chairman, to organize the legal and financial infrastructure of the private, non-profit university. The University's Board of Trustees opened the doors of Virginia's first and only three-year Doctor of Pharmacy program to the inaugural class in August of 2005. The University of Appalachia has raised several million of dollars in grants and pledges and to date has enrolled three classes. Applications are currently being accepted for the fourth class, the class of 2011.

The University presently operates two campuses in Buchanan County, Virginia. The Slate Creek campus was the initial campus and currently serves as the main campus for the second-year pharmacy students. The Slate Creek campus, which occupies the first floor of the Buchanan County Industrial Development Authority facility, provides 12,674 square feet of space; can accommodate over 150 students; and includes a large lecture hall, several small to medium-sized classrooms, a multipurpose laboratory facility, a library and learning resources center, faculty and student lounges, a faculty conference room, and faculty and administrative offices. Among the many donations that the University received was a historical high school building and campus in Oakwood, Virginia, approximately 18 miles from the Slate Creek campus. This 1940 building has been renovated and currently serves as the flagship campus for the University and the main campus for first-year pharmacy students. It is a two-story structure spanning approximately 25,000 square feet, and it contains a large lecture hall, library, pharmaceuticals laboratory, faculty research laboratory, conference room, faculty and student lounges, and faculty and administrative offices.

The University continues fundraising efforts to establish scholarships, endowments, and credibility with the academic community as well as with accrediting agencies. Fundraising is presently underway to construct and furnish a new building on the campus at Oakwood, which will allow for one college of pharmacy campus and afford sufficient space for future growth. Construction on the new building began in January 2008 with a projected timeline for completion of 12–18 months. The new facility will provide approximately 30,000 square feet housed in three stories and will become the center of educational activities. Architecturally, it will complement the existing historical building on campus. In addition to lecture halls, classrooms, lounges, and offices, this facility will have a state of the art "mock" pharmacy and patient simulation laboratory.

The University has entered into several collaborative agreements with established undergraduate programs in Central Appalachia to broaden educational opportunities and to increase the pool of quality student applicants from the region. In addition to the rigors of course work within the accelerated pharmacy curriculum, community service has been and remains a focus for the university. All students have an early and ongoing exposure to volunteerism through the Pharmacists in Community Service (PICS) program, whereby each student must complete fifty hours of community service per year in order to fulfill graduation requirements.

The history of the University of Appalachia throughout its brief five year existence has laid the groundwork for growth and quality. Future growth will focus on completing construction of the new facility and expanding our educational, research, scholarship, and community outreach initiatives and capabilities.

The University of Appalachia College of Pharmacy is strategically positioned in Buchanan County, Virginia, which shares borders with Kentucky and West Virginia in the center of the Appalachian coalfields. Central Appalachia faces significant economic and educational hurdles as well as health challenges. A recent report to the Virginia Legislature documented that residents of Southwest Virginia have difficulty obtaining and paying for health care, including dental and pharmaceutical care. The age-adjusted mortality rate in Southwest Virginia is 42% higher than the age-adjusted death rate for Virginia as a whole. When compared with the entire population of Virginia, residents of Southwest Virginia are 26% more likely to die from heart disease, 44% more likely to die from chronic obstructive pulmonary disease, 54% more likely to die from pneumonia or influenza, 28% more likely to die from diabetes, 55% more likely to die from chronic liver disease and cirrhosis, and 67% more likely to commit suicide. By bringing higher education and advances in health care to the region, the University is well positioned to be a catalyst for positive changes in economic development, education, and health.

The University was created to serve regional needs and to provide a model for progressive pharmacy practice and education in context with rural health care. The college of pharmacy will help address the health needs of Central Appalachia through pharmacy education, scholarship, and service. As evidence of the accomplishment of the mission, UACP placed 79% of its graduates in the Class of 2008 in the Appalachia region with 49% of the graduates from the State of Virginia.

ACCREDITATION

State Council of Higher Education:

The State Council of Higher Education for Virginia (SCHEV) has certified the University of Appalachia to operate in Virginia.

Accreditation Council for Pharmacy Education:

The University of Appalachia College of Pharmacy is seeking accreditation from the Accreditation Council for Pharmacy Education (ACPE). A newly instituted professional program of a college or school of pharmacy may be granted one of two preaccreditation statuses, Precandidate or Candidate, depending upon its stage of development. In the instance of a newly founded college or school of pharmacy, the programs generally progress through both statuses.

Precandidate: A new program that has no students enrolled, but meets basic ACPE eligibility criteria, may be granted precandidate accreditation status. This indicates that the college or school planning for the professional program(s) has taken into account ACPE standards and suggests reasonable assurances of moving to the next step, that of candidate status. Full public disclosure by the college or school of the terms and conditions of precandidate status is required.

Candidate: A new program that has students enrolled but has not had a graduating class may be granted candidate status. The granting of candidate status denotes a developmental program, which has taken into account ACPE accreditation standards and is expected to mature in accord with stated plans within a defined time period. Reasonable assurances exist that the program will become accredited as programmatic experience is gained, generally, by the time the first class has been graduated. Graduates of a class designated as having candidate status have the same rights and privileges as graduates of a program that has full accreditation status.

In June 2007, ACPE voted to advance UACP's program to Candidate status.

Southern Association of Colleges and Schools:

The University of Appalachia College of Pharmacy is seeking accreditation from the Southern Association of Colleges and Schools. UACP cannot guarantee the outcome of its SACS accreditation process, but will pursue accreditation with due diligence.

UACP cannot guarantee the outcome of its accreditation processes, but will pursue full accreditation with due diligence.

FACILITIES

The University of Appalachia College of Pharmacy (hereinafter the “College”) has two campuses. The flagship campus is located at Oakwood, Virginia, in a newly renovated 1940 Civilian Conservation Corps building, which was formerly Garden High School, containing approximately 25,000 square feet. It is a two story structure that contains a lecture hall converted from a gymnasium, a library, a student lab and a faculty lab, administration and faculty offices, student and faculty lounges, and a boardroom.

The College’s second campus is located at 4447 Slate Creek Road in Grundy, Virginia. This facility is approximately 10,000 square feet, and houses a large lecture hall, 3 student break-out rooms, a library, and faculty and staff offices.

Buchanan General Hospital initially provided office space for faculty and administrative staff during the early months of the University existence. This space is currently being used to house visiting faculty overnight, occasional use of the classroom (used for the practical portion of the immunization course in the fall, 2006), and as the downlink site for telemedicine broadcasts of the Blue Ridge Poison Control Grand Rounds and occasional other Grand Rounds presentations as may be of interest from time to time.

Both campuses (Slate Creek and Garden) have library services, with a large amount of the collection available electronically from either campus or off campus. The hard bound copies of the library collection are divided between the two campuses. Some are duplicated and are available on both campuses. If a student needs a book that is not in the collection at his/her location however, a request can be made to the librarian and that book will be brought to the other location within 24 hours of the request. Both campuses are equipped with a large lecture hall, space for break-out sessions, laboratory space and student and faculty lounges.

Both campuses are wireless enabled, allowing students to access posted handouts, electronic library collection, email, internet resources from any location on either campus.

LIBRARY HOURS

During the academic year the libraries and computer labs at both campuses are usually open Monday through Thursday 8:00 a.m. to 9:00 p.m, and Friday 8:00 a.m. to 5:00 p.m. Both libraries are open 1:00 p.m. to 9:00 p.m. on Saturdays and Sundays. Changes to the library schedule may occur due to inclement weather, holidays or other unforeseeable circumstances. In these cases, changes will be posted on the library doors as well as the library website at www.uacp.org/library. Emails will also be sent to all faculty, staff and students noting changes to the library schedule.

With the recent installation of a security system at the Garden campus, students in both classes may access the Garden facility using their ID for study, independent small group work from 7:00 a.m. until 11:00 p.m. However, the library is not accessible before 8:00

a.m. or after 9:00 p.m. Access to the electronic library resources is available 23 hours per day via the internet or a virtual private network.

The library is open to the general public from 8 a.m. until 5 p.m. Monday through Friday except for University holidays.

BOARD OF TRUSTEES

The University of Appalachia is a Virginia-registered non-stock corporation. The powers, duties, and responsibilities of the governing Board of Trustees, President, Dean, and Faculty are contained in the Corporate Charter, Corporate By-Laws, and Academic Policies, which are on file in the Office of the Director of Academic Records and Admissions and available on request in the Dean's office.

Please see our website, www.uacp.org, for a complete listing of the members of the University of Appalachia Board of Trustees.

ADMINISTRATION AND FACULTY

Donna Adkins, PharmD, CDM, Associate Professor of Pharmacy Practice. B.S., Pharmacy, University of Kentucky, PharmD, University of Kentucky.

Amanda Blankenship, PharmD, Director of Experiential Programs & Assistant Professor of Pharmacy Practice. PharmD, University of Appalachia.

Charles R. Breese, Ph.D., Professor, Chair of Pharmaceutical, Administrative and Social Sciences, and Associate Dean of Academic and Curricular Affairs. B.S., Chemistry, University of North Carolina, Chapel Hill; Ph.D., Pharmacology and Physiology, Bowman Gray School of Medicine, Wake Forest University.

Jennifer A. Campbell, PharmD, Assistant Professor of Pharmacy Practice. PharmD, Purdue University.

Todd Carter, PharmD, Assistant Professor of Pharmacy Practice. PharmD, University of Kentucky.

Whitney J. A. Caudill, J.D., Associate General Counsel, Assistant Dean of Student and Alumni Affairs, and Assistant Professor of Pharmacy Law. B.A., Government, University of Virginia; J.D., University of Tennessee College of Law.

David A. Gettman, Ph.D., Associate Professor of Pharmacy Administration. B.S., Pharmacy, University of Montana; M.B.A., College of William and Mary; Ph.D., Pharmacy Health Care Administration, University of Florida.

Brent Gravelle, M.D., Ph.D., Assistant Professor, M.D., Medical University of the Americas, Ph.D., Auburn University.

Holly Hurley, PharmD, Assistant Professor of Pharmacy Practice. B.S., East Tennessee State University; PharmD, Virginia Commonwealth University/Medical College of Virginia School of Pharmacy.

Arun Jadhav, Ph.D., Professor and Dean. B.Sc., Chemistry, Pratap College (University of Poona), M.Sc., Chemistry, University of Poona, Ph.D., Pharmacology, Stritch School of Medicine, Loyola University of Chicago.

Terry G. Kilgore, J.D., Dean of Institutional Advancement
B.A., Business Administration, University of Virginia – Wise formerly Clinch Valley College; J.D., The College of William & Mary, Marshall-Wythe College of Law.

Michael J. Lee, PhD, Assistant Professor of Pharmacology
B.S., Biochemistry, University of New Hampshire; PhD, Neuroscience, University of Colorado Health Sciences Center.

Su Young Lee, PharmD, BCPS, Assistant Professor of Pharmacy Practice
B.S. and M.S., Pharmacy, Seoul National University, PharmD, University of Minnesota
College of Pharmacy.

Robert Leopold, M.D., PharmD, Associate Professor
M.D. Medical University of the Americas, PharmD, Shenandoah University

Joyce V. Loyed, PharmD, CACP, Assistant Professor of Pharmacy Practice
PharmD, University of Florida

Rachel Maderik, M.S.L.S., Library Director and Instructor
B.S., Biology, University of Maryland, M.S., Library Science, Clarion University.

Susan Mayhew, PharmD, BCNSP, FASHP, Associate Dean of Pharmacy Practice
PharmD, University of Tennessee.

Sarah Melton, PharmD, BCPP, CGP, Associate Professor of Pharmacy Practice
B.S. in Pharmacy and PharmD, Virginia Commonwealth University/Medical College of
Virginia School of Pharmacy.

Frederick R. Tejada, Ph.D., Assistant Professor of Medicinal Chemistry
B.S., University of the Philippines; Ph.D., University of Texas-Dallas; Post-Doc, University
of Toledo.

STAFF

Director of Academic Records and Admissions
Business Manager
Maintenance Supervisor
Director of Experiential Programs
Administrative Assistant to Experiential Dept.

Administrative Assistant to the Deans & Faculty
Assistant to the President & Counsel
Admissions Clerks

Office Service Specialist

Buildings & Grounds

Veronica Keene
Holli Harman
Daniel Vandyke
Amanda Blankenship
Regina Horn
Melissa Justus
Tonuya McGlothlin
Jennifer Roulett
Sherrie Baldwin
Kristen Stiltner
Amanda Keene
Lisa Hess
Jenny Sisk
Sherry Sutherland
C.J. Sisk

ADMISSIONS

The College follows standard policies and procedures for obtaining, selecting, and admitting applicants in a timely fashion. The Admissions Committee has full responsibility for the admissions process, including the consideration of applicants for candidacy and candidates for admission. The College does not discriminate on the basis of age, race, color, national origin, religion, disability, marital status, gender, or sexual orientation.

To be eligible for admission to the Doctor of Pharmacy program, applicants must meet the following minimum criteria:

1. Complete a minimum of 69 semester credit hours of pre-pharmacy study as listed in the table below in an accredited college or university in the United States.

Prerequisite Courses	Required Credit Hours
General Biology with lab	8.0 Sem. Hrs.*
College Chemistry with lab	8.0 Sem. Hrs.*
Organic Chemistry with lab	8.0 Sem. Hrs.*
College Physics with lab	8.0 Sem. Hrs.*
Human Anatomy	3.0 Sem Hrs.
Human Physiology	3.0 Sem Hrs.
General Microbiology with lab	3.0 Sem. Hrs
English Composition	6.0 Sem. Hrs.
College Mathematics	6.0 Sem. Hrs. * *
Public Speaking	3.0 Sem. Hrs
College Statistics	3.0 Sem. Hrs
Electives	10.0 Sem. Hrs.
TOTAL	69.0 Sem. Hrs.

* Two semesters or three quarters.

**Must include one semester of calculus.

2. Achieve a minimum cumulative grade point average of 2.50/4.0 or its equivalent in order to have their applications considered for admission.
3. Have a grade of “C” (or its equivalent) or better in all prerequisite courses.

All prerequisite coursework must be completed within five calendar years of the time of application to the program.

All applicant files that meet the minimum criteria will be evaluated and the admissions committee will select applicants to be invited on campus for an interview. The file evaluation process will be competitive and the most qualified applicants will be invited for an on-campus interview.

The College utilizes a centralized application service called PharmCAS (Pharmacy College Application Service). All applicants must submit a web-based application through PharmCAS. PharmCAS allows students to submit a single application to apply to multiple

PharmD programs. Students planning to apply to enter UACP are **required** to utilize PharmCAS. Each applicant must also complete and submit the UACP Supplemental Application for Admission document. This document may be accessed and downloaded for submission from www.uacp.org/admissions.html.

A **non-refundable** fee of \$100 must accompany the supplemental application. The fee must be sent directly to the Registrar's office at UACP. Detailed information about UACP, its curriculum, the admission process, prerequisite courses, tuition and fees, financial aid, student life, and accreditation and certification status are also available at www.uacp.org.

Seat Deposit

Admitted student will receive a letter informing them of acceptance and requesting that a \$1000 seat deposit to be submitted to the College by a specified time. The seat deposit is credited toward the Fall Semester tuition. One-half of the seat deposit (\$500) is not refundable should a student withdraw his/her acceptance.

Annual tuition and fees for the University of Appalachia College of Pharmacy will be \$30,300 for the entering class in the 2008 - 2009 Academic Year. Tuition is guaranteed not to increase for any individual student during the three years of a student's continuous enrollment.

Initial Tuition Payment

Students who are accepted to UACP must pay the balance of the first semester's tuition by the first day of classes in order to matriculate for the Fall Semester. Please see the Tuition and Fees section of the University of Appalachia College of Pharmacy website at www.uacp.org/fees.html for a complete tuition payment schedule.

Tuition and Fees Schedule for 2008-2009

Standard Fee	Amount
Tuition	\$28,300
Student Activities Fee ¹	\$367
Student Government Fee ²	\$70
Clerkship/Practicum Fee ³	\$780
Technology Fee ⁴	\$783
Total Tuition and Fees	\$30,300
Additional Fees	
Admission Application Fee ⁵	\$100
Seat Deposit ⁶	\$1,000

¹The Student Activities Fee covers costs related to student membership in professional pharmacy organizations and other costs, such as those relating to graduation, university-sponsored events, and mission-focused student activities.

²The Student Government Fee covers costs associated with student government-sponsored activities.

³The Clerkship/Practicum Fee covers costs associated with experiential training at clerkships sites.

⁴The Technology Fee covers costs associated with providing networking and equipment for students.

⁵Applicants must pay a supplemental application processing fee of \$100. This fee is **non-refundable**, and is addition to fees paid directly to PharmCAS.

⁶Students offered admission have 10 working days to notify UACP, in writing, whether they wish to have a place reserved in the class. The student's written acceptance of UACP's offer must be accompanied by a check or money order for \$1,000, payable to UACP, to reserve a seat in the class. This money will be credited to the first semester's tuition for the first year of enrollment. This fee is **refundable** up to \$500 for requests received prior to June 1.

Estimated Cost of Living

Below is a list of estimated cost of living expenses which a student may incur while attending UACP during the 2008-2009 academic year. Please note these expenses are in addition to tuition and fees, which differ depending upon the student's academic level, i.e., P1, P2, or P3 (see [Tuition and Fees](#) for the current year's costs). These estimates may be used for calculating student expenditures.

[Required textbooks](#) will cost approximately \$1000 per year (\$400 for fall, \$400 for spring, \$200 for summer).

Expense	Per Month	Per Year
Housing	\$525/month	\$6,300
Utilities	\$225/month	\$2,700
Food	\$300/month	\$3,600
Incidentals	\$100/month	\$1,200
Transportation	\$300/month	\$3,600
Laptop (one-time purchase)	Up to \$1,500*	
Total Monthly Expenses	\$1,450/month	\$17,400

WITHDRAWAL FROM CLASSES AND REFUND OF TUITION

The College has established an equitable refund policy for all students who find it necessary to withdraw from the College. Seat deposits and matriculation fees are not refundable.

The College charges tuition based on the academic term. Therefore, calculations to determine the amount of refund entitled to a student are based upon the percentage of the academic year in which the student was enrolled. The academic year is measured beginning on the first day of classes or experiential practice and ending on the last day of classes or exams.

Students who decide to withdraw or request a leave of absence during the academic year must submit prior written notification to the Director of Academic Records and Admissions. The effective date of withdrawal is the date of the submission of the student's official request to withdraw. The following applies to all students:

Withdrawal on or During	Amount Tuition and Fee Refund
Days 1 -3 of classes	100% less \$100 administrative fee
After day 3 of classes and equal or up to 10% of academic year	90% less \$100 administrative fee
Equal to or over 10% and equal or up to 20% of academic year	80% less \$100 administrative fee
Equal to or over 20% and equal or up to 30% of academic year	70% less \$100 administrative fee
Equal to or over 30% and equal or up to 40% of academic year	60% less \$100 administrative fee
Equal to or over 40% and equal or up to 50% of academic year	50% less \$100 administrative fee
Equal to or over 50% and equal or up to 60% of academic year	40% less \$100 administrative fee
Equal to or over 60% of academic year	No refund

Refunds will be remitted within 45 days following receipt of a written request or within 45 days of the date upon which the student last attended classes, whichever is earliest. Any questions concerning the refund policy should be directed to the Dean of the College. Students attending the College through tuition waivers or scholarships will not receive a cash refund for the portion of the tuition paid or waived by other sources.

The College reserves the right to amend its refund policy at any time, but any amendments will only be effective for academic years that begin following written notice of the amendment.

FINANCIAL AID

Until the College is accredited by the Southern Association for Colleges and Schools (SACS) and the ACPE, it will not qualify for Title IV federally-guaranteed financial aid. The College will not be eligible for SACS accreditation until having its credentials reviewed by an accrediting team from SACS. In the interim, the College will work with banks and private lending institutions to attempt to secure affordable financial aid for qualified students. Students must receive a letter of admission from the Admissions Office before the financial assistance process can begin. Applications for scholarships will be forwarded to students once their \$1,000 Seat Deposit fee is received.

Students will need good personal credit ratings, loan guarantors, or collateral to meet most loan requirements.

The College will also award a limited number of scholarship loans to qualified students based on merit and financial need. Some local programs are available that are residency specific, including a war veteran revolving loan in the form of partial tuition waivers. The amounts of those waivers depend upon successful applicants pro-actively pursuing them, students meeting qualification standards, and the amount of such funds available. Some second and third year pharmacy students, especially those doing well in their performance, acquire pharmacy sponsorship loans from pharmacies and the pharmaceutical profession. UACP holds an annual career fair to help facilitate that process, but again, there is no guarantee students will be offered such a sponsorship.

CURRICULUM

The College offers a sequence of courses designed to lead to a doctor of pharmacy degree. Requirements for the degree include completion of a minimum of 150 credits, including 1900 hours of experiential coursework, and three academic years of full-time residence. Students must complete 150 service hours as well as certification in immunizations and advanced cardiac life support. In addition, a student must obtain a cumulative grade point average of C or better in order to graduate.

COURSE DESCRIPTIONS:

PHA 0100 Introduction to Pharmacy and Health Care Systems *3 Credits*

- A study of the history of pharmacy and the role of pharmacy in US health care systems.

PHA 0112 Cellular Biology and Biochemistry *6 Credits*

- Studies the basic concepts of mammalian biochemistry including the chemistry, biosynthesis and metabolism of carbohydrates, lipids, amino acids, and proteins. Examines nucleic acid structure and function in gene expression at the cellular level in both normal and disease states. Classification of enzymes and coenzymes, enzyme kinetics and regulation, drug biotransformation, drug receptor properties, fundamentals of pattern recognition that relate chemical structure to pharmacological action, membrane structure and transport, and mechanisms of signal transduction. Principles of energy transformation are also studied.

PHA 0120 Pharmaceutical Calculations *3 Credits*

- Fundamentals of measurement and calculation, measurement systems, dosage and concentration units, electrolyte solutions, and calculations related to compounding

PHA 0125 Pharmaceutics and Biopharmaceutics *4 Credits*

- Studies the application of physical and chemical principles to the development, preparation, and stabilization of pharmaceutical dosage forms. Discusses biological and physicochemical factors that influence the availability of a drug from a dosage form and the subsequent disposition and response of the drug in the body; introduces drug dose-response curves. Introduces basic laboratory concepts and skills in pharmaceutical compounding of non-parenteral formulation and the admixing and sterile preparation of parenteral dosage forms.

PHA 0130 Principles of Immunology and Hematology *2 Credits*

- A study of the immune system and the fundamental principles related to host defense mechanisms and the immunological response to immune triggers; a brief introduction to the formation of the cellular components of the blood.

PHA 0135 Introduction to Jurisprudence & Pharmacy Law I *1 credit*

- Instructs basic provisions of State and Federal pharmacy laws and regulations pertaining to pharmacy practice, licensure, controlled substances, legal liabilities, laws and regulations of other health care providers, and pharmacy case law.

PHA 0140 Communication and Professional Development**2 Credit**

- This course emphasizes the importance of communication in contemporary pharmacy practice; students are assessed and evaluated in both oral and written formats. Course content includes study of various aspects of communication associated with pharmacy practice. Introduces and discusses social and ethical aspects of contemporary pharmacy practice.

PHA 0145 Introduction to Anti-infective Agents**4 Credits**

- Studies medical microbiology and the mechanisms of disease states related to bacterial, viral, fungal, parasitic and protozoal infective agents, host responses, drug actions, the medicinal chemistry, and pharmacology of the spectrum of anti-infective agents.

PHA 0150 Central Nervous/Autonomic Nervous System: Medicinal Chemistry and Pharmacology**5 Credits**

- Introduction to classic drug-receptor pharmacology. Studies basic concepts of pathophysiology of common diseases of the CNS/ANS and the pharmacology and medicinal chemistry as applied to medications that act on the nervous system and the neuromuscular junction; studies basic principles of drug action and the chemical properties, primary pharmacological actions, mechanisms of drug action, routes of administration, disposition, contraindications, adverse reactions, clinically significant drug interactions, and drug disease interaction.

PHA 0155 Gastrointestinal Pharmacology and Medicinal Chemistry**2 Credits**

- Studies the basic pathophysiology of common diseases of the gastrointestinal tract and the pharmacology and medicinal chemistry of medications that act on the gastrointestinal tract. Studies basic principles of drug action and describes chemical properties, primary pharmacological actions, and mechanisms of drug action, routes of administration, disposition, contraindications, adverse reactions, clinically significant drug interactions, and drug disease interactions.

PHA 0160 Cardiovascular, Renal, and Pulmonary: Pharmacology and Medicinal Chemistry**4 Credits**

- Studies basic concepts of pharmacology and medicinal chemistry as applied to medications that act on the cardiovascular, renal, pulmonary and hematological system, including coagulation and anticoagulation. Studies the basic pathophysiology of common disease states of the cardiovascular, renal, pulmonary and hematological systems and the basic principles of drug action and the chemical properties, primary pharmacological actions, mechanisms of drug action, routes of administration, disposition, contraindications, adverse reactions, clinically significant drug interactions, and drug disease interactions. Studies pathophysiology and pharmacology of treatment of lipid disorders.

PHA 0165 Endocrine System: Pharmacology and Medicinal Chemistry**3 Credits**

- Studies the basic pathophysiology of disease states of the endocrine organs and introduces basic concepts of pharmacology and medicinal chemistry as applied to medications that act on the endocrine system. Discusses basic principles of drug action and describes chemical

properties, primary pharmacological actions, mechanisms of drug action, route of administration, disposition, contraindications, adverse reactions, clinically significant drug interactions, and drug disease interaction.

PHA 0170 Clinical Toxicology

2 Credits

- Studies the basic principles of toxicology and an introduction to clinical toxicology.

PHA 0175 Pharmaceutics Lab I

1 Credit

- Teaches basic laboratory concepts and skills in pharmaceutical compounding of non-parenteral formulation, and the admixing and sterile preparation of parenteral dosages forms.

PHA 0180 OTC Products

2 Credits

- Studies over-the-counter medications, appliances, durable medical supplies and equipment commonly encountered in the practice of pharmacy.

PHA 0195 P1 Pharmacy Milestone Examination

0 Credits

- Comprehensive examination which evaluates content areas of the curriculum and the use of basic and clinical science principles in the solution of pharmacy-related problems. Allows longitudinal monitoring of the development of individual ability-based outcomes and educational outcome expectations.

PHA 0200 Applied Clinical Pharmacokinetics

2 Credits

- Discusses the absorption, distribution, metabolism, and elimination of medications in the body; describes the effect of physiological changes on the distribution and elimination of medications from the body including introduction to pharmacogenomics concepts; evaluates the use of formulas and nomograms to design individualized drug dosage regimens taking into consideration such factors as changes in plasma protein binding, hepatic dysfunction, and renal impairment.

PHA 0210 Drug Information, Clinical Research, and Biostatistics

3 Credits

- Studies basic concepts of biostatistics and study design; studies the evaluation of drug literature; studies searching and retrieving the clinical and basic science literature. Shows students methods to abstract and communicate pertinent information in concise and professional manner.

PHA 0215 Pharmacy Administration

3 Credits

- Studies pharmacy management, pharmacoepidemiology, pharmacoeconomics and health outcomes/quality of life.

PHA 0220 Diseases of the Renal System and Fluid and Electrolyte Disorders

4 Credits

- Studies anatomy, pathophysiology, physical assessment, pharmacology, therapeutics, clinical pharmacokinetics, and considerations in special populations as it relates to major diseases of the kidneys, and fluid and electrolyte disorders.

PHA 0225 Diseases of the Immune System, Skin and Connective Tissue Disorders

3 Credits

- Studies anatomy, pathophysiology, physical assessment, pharmacology, therapeutics, clinical pharmacokinetics, patient care, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations, and review of pertinent drug literature as related to common immune disorders and diseases of the skin and connective tissues.

PHA 0232 Infectious Disease

6 Credits

- Studies anatomy pathophysiology, physical assessment, pharmacology, pharmacotherapeutics, clinical pharmacokinetics, pharmacoeconomic issues, medication use in special populations, and review of pertinent drug literature as they related to common infectious processes.

PHA 0242 Diseases of Cardiovascular and Respiratory Systems

6 Credits

- Studies the anatomy, pathophysiology, physical assessment, pharmacology, pharmacotherapy, clinical pharmacokinetics, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations, and review of pertinent drug literature as related to major cardiovascular and respiratory disorders. Includes course and certification in Advanced Cardiac Life Support (ACLS).

PHA 0250 Physical Assessment

1 Credit

- Teaches the fundamentals of physical assessment and presentations for commonly occurring disease states; teaches the correct method of measuring blood pressure, and other vital signs, including BMI and the correct interpretation of results, and counseling points. Teaches commonly employed medical terminology.

PHA 0260 Advanced Pharmaceutics Lab

1 Credit

- Teaches advanced laboratory concepts and skills in pharmaceutical compounding.

PHA 0265 Disease of the Endocrine and Reproductive System

4 Credits

- Studies the anatomy, pathophysiology, physical assessment, pharmacology, therapeutics, clinical pharmacokinetics, patient care, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations, and review of pertinent drug literature as they relate to major diseases of the endocrine system, including reproductive system and contraceptives.

**PHA 0270 Diseases of the Hematological System
and Oncological Disorders**

5 Credits

- Studies the anatomy, pathophysiology, pharmacology, therapeutics, physical assessment, clinical pharmacokinetics, patient care, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations and review of pertinent literature as they relate to common hematological and Oncological conditions.

PHA 0275 Diseases of the Gastrointestinal System, Disorders of Nutrition and Metabolism and Bariatrics *4 Credits*

- Studies the anatomy, pathophysiology, physical assessment, pharmacology, therapeutics, clinical pharmacokinetics, patient care, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations, and review of pertinent drug literature as they relate to common diseases of the gastrointestinal system, and disorders of nutrition and metabolism, and special considerations related to bariatrics.

PHA 0282 Diseases of the Neurological System and Psychiatric Disorders *6Credits*

- Studies the anatomy, pathophysiology, physical assessment, pharmacology, therapeutics, clinical pharmacokinetics, patient care, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations and review of pertinent drug literature as related to major neurological and psychiatric disorders.

PHA 0290 Pharmacotherapeutic Considerations in Special Populations (Pediatrics, Geriatrics, Pregnancy/Lactation) *4 Credits*

- Studies anatomy, special considerations in pathophysiology, pharmacology, therapeutics, clinical pharmacokinetics, patient care, alternative/complimentary therapies, pharmacoeconomic issues, medication use in special populations, and review of pertinent drug literature as they relate to special clinical conditions and populations.

PHA 0298 P2 Pharmacy Milestone Examination *0 Credits*

- Comprehensive examination which evaluates content areas of the curriculum and the use of basic and clinical science principles in the solution of pharmacy-related problems. Allows longitudinal monitoring of the development of individual ability-based outcomes and educational outcome expectations.

PHA 0300 Advanced Jurisprudence and Pharmacy Law *2 Credits*

- Studies provisions of State and Federal pharmacy laws and regulations pertaining to pharmacy practice, licensure, controlled substances, legal liabilities, laws and regulations of other health care providers, and pharmacy case law.

PHA 0305 Therapeutic Case Challenges *1 Credit*

- Uses patient case scenarios to develop critical thinking skills and evidence-based pharmacotherapeutic approaches to problem solving and patient medication management.

Experiential Curriculum:

PHA 1010 EPPE I *1 Credit*

PHA 1020-1030 EPPE II Fall and Spring P2 year *1 Credit*

Student will meet with patient 2 hours per week. Forums will be scheduled with faculty and preceptors every other week.

PHA 2010 CPPE I *3 Credits*

PHA 2020 CPPE II *3 Credits*

PHA 3010-3080 APPE I through VIII *5 Credits Each*

PHA 3010 Community Health and Wellness

PHA 3020 Hospital/Health System Pharmacy

PHA 3030 Community Patient Care

PHA 3040 Ambulatory Care

PHA 3050 Acute Care, Inpatient and General Medicine

PHA 3060 APPE Elective

PHA 3070 APPE Elective

PHA 3080 APPE Elective

Electives:

PHA 4010 History of Pharmacy *1 Credit*

PHA 4015 Public Health and Pharmacy *1 Credit*

PHA 4020 Drugs in Pregnancy and Lactation *1 Credit*

PHA 4030 Advanced Compounding Lab *1 Credit*

PHA 4035 Integrated Healthcare: Nonpharmacological and Herbal Therapies
1 Credit

PHA 4040 Pharmacoepidemiology *1 Credit*

PHA 4045 Toxicology *1 Credit*

PHA 4050 Neurophysiology *1 Credit*

PHA 4060 Pharmacoeconomics *1 Credit*

PHA 4080 Pharmacy Entrepreneurship *1 Credit*

STUDENT ORGANIZATIONS

University Funded Organizations are those that are formed and/or funded by student activity fees through the University, and includes the Student Government Association (“SGA”) and the Student Leadership Council (“SLC”), and the three professional pharmacy organizations, the American Pharmacists Association – Academy of Student Pharmacists (“APhA”), American Society of Health-System Pharmacy – Recognized Student Society (“ASHP”) and National Community Pharmacy Association (“NCPA”). Each student is required to join at least one (1) professional pharmacy organization while enrolled as a full-time student. In addition to the University funded organization, the University also recognizes other organizations, such as the service fraternities, Phi Delta Chi and Kappa Psi, as well as the Rho Chi honor society. While membership in multiple organizations and in leadership positions is encouraged, students should not participate in student activities and organizations at the expense of their academic progression.

Student Government Association

The Student Government Association (“SGA”), elected by the student body, serves as the collective voice of the student body to both the faculty and the staff. Additionally, the SGA is responsible for providing feedback and/or offering suggestions regarding existing policy as well as proposed new policy.

Student Leadership Council

The Student Leadership Council (SLC), is comprised of the SGA presidents of the P1 and P2 classes, the president and president-elects of the professional organizations and the two highest officers of any other organization that is recognized by the University. The purpose of the SLC is to perpetuate the University’s mission through its activities, to provide a forum for comment and to coordinate scheduling of student affairs activities.

ACADEMIC POLICIES

The University of Appalachia College of Pharmacy policies contain rules governing student academic conduct, registration, attendance, examinations, grading standards and policies, discipline, leaves of absence, and graduation requirements. A copy of the Academic Policies is given to each matriculating student during Orientation and Registration as part of the *UACP Student Handbook*. Copies of the Academic Policies are also available by request from the Director of Academic Records and Admissions, kept on reserve in the Library or at <http://www.uacp.org/studentaffairs/studenthandbook.pdf>. Some essential provisions are summarized below.

Full-time Status

All students must enroll in the complete prescribed sequences of blocks for each term in which they are enrolled. Part-time enrollment is not permitted at the University of Appalachia College Pharmacy.

Academic Standards

An individual student grade of 70% or greater is required to pass any block. If there are multiple exams in any one block, an average of 70.0 % or greater of all the exams is required

to pass the block. Students whose individual score is less than 70.0 % on any block will be referred to the Committee for Academic Requirements (CARE) regarding remediation of the block.

If a student fails more than three blocks in any one semester, that student may be subject to dismissal from the College. The student's status will be dismissed not in good academic standing. There will be no tuition refund for students who leave the College not in good academic standing.

Students who are dismissed not in good academic standing may request re-admission through the College's admissions process. Students who are dismissed from the program are not assured of re-admission.

Exams and Grade Reports

Exams and other assessment and evaluation methods are used during the block to gauge students' mastery of the subject material.

Grade reports are mailed by the Office of the Director of Student Records and Admissions at the end of each semester.

STUDENT FILES

The Registrar is responsible for maintaining and updating student files. Faculty and administration have access to student files for legitimate educational purposes and business only.

Records of students and graduates are maintained in accordance with all applicable federal and state laws. The College maintains an academic record for each student, including information related to academic and clinical performance in all phases of the student's coursework. Course grades are documented in the student's file and maintained by the Registrar.

The University of Appalachia fully complies with the Buckley Amendment, formally known as the Family Educational Rights and Privacy Act of 1974 (FERPA), which establishes that a post-secondary student has the right to inspect and review his or her academic records, and prohibits outside parties from obtaining the information contained in these records without the student's written consent. However, a student may waive the right to review certain confidential information contained in his or her file.

FERPA affords students the following rights with respect to their educational records:

1. The right to inspect and review the student's educational records within 45 days of the day the College's Registrar receives a written request for access.
2. The right to request the amendment of information in the student's education records that the student believes is inaccurate or misleading.

Students may make a request in writing to the Registrar to amend a record that they believe is inaccurate or misleading. The request must clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment through the College's appeal process set forth hereinafter.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.
4. Upon request, the College discloses education records without consent of the student when the following conditions are met:
 - a. School officials with legitimate educational interest;
 - b. Other schools to which a student is transferring;
 - c. Specified officials for audit or exam purposes;
 - d. Appropriate parties in connection with financial aid to a student;
 - e. Organizations conducting certain studies for or on behalf of the school;
 - f. Accrediting organizations;
 - g. Appropriate officials in cases of health and safety emergencies; and/or
 - h. State and local authorities, within a juvenile justice system, pursuant to specific State law.

The College may disclose without consent directory information, which is limited to the following:

- Student name;
- Date admitted;
- Mailing address and telephone number;
- Local address and telephone number;
- University email address;
- Terms of attendance;
- Enrollment status;
- Full- or part-time status;
- Classification (P1, P2, or P3);
- Honors and awards;
- Degrees and dates received;
- Participation in officially recognized intercollegiate sports, weight, height, hometown, parents' names, and previous school(s) attended (for members of athletic teams);
- ID photograph; and/or
- Emergency Contact Information.

A student may make a request to the Registrar **in writing** that his or her directory information not be released to third parties. All such requests will be honored.

A student has the right to file a complaint with the US Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is as follows:

Family Policy Compliance Office
US Department of Education
600 Independence Ave., SW
Washington, DC 20202-4605
(www.ed.gov/offices/OM/esi.html)

A student (or applicant for admission) is permitted to waive access by third parties to confidential recommendations written on her or his behalf regarding (1) admission to any educational agency or institution, (2) an application for employment, or (3) the receipt of an honor or recognition. A student who consents to release to third parties any part of his or her file must do so in writing to the Registrar. This written consent must specify the records to be released, the reasons for their release, and the names of the parties to whom such records will be released. A student whose consent is required may request a personal copy of the specific records in question. The University may charge the student fees for copying.

The Registrar will maintain a record identifying all outside parties who have requested or obtained access to a student's educational records. This record will be available only to the student upon written request to the Registrar and to University officials with a legitimate educational interest.

All student records are made available to students with the following limitations:

1. Recommendations submitted to the department by third parties under conditions of confidence, such as letters of recommendation; and
2. Student records requiring the interpretation of a professional, such as medical, psychiatric, or psychological testing, must be reviewed in consultation with the appropriate professional and accompanied by a Health Insurance Portability and Accountability Act of 1996 release executed by the student.

DISABILITY AND ACCOMMODATION POLICY

The University of Appalachia (the University) and its programs do not discriminate against individuals with disabilities in its programs, as those disabilities are defined in Section 504 of the Rehabilitation Act of 1973, 29 U.S.C. § 706; 45 C.F.R. § 84.3(k)(3); and the Americans with Disabilities Act, 42 U.S.C. §§ 12101, et seq. In an effort to provide full opportunities to individuals with disabilities, the University offers individualization and reasonable accommodation as required by law. Reasonable accommodation are those that do not fundamentally alter the nature of the University's educational program, and can be provided without undue financial or administrative burden, and without lowering academic or other essential performance standards.

Students with medically verifiable disabilities may be provided extra time or other reasonable accommodations for completing examinations. **Petitions for accommodations must be made to the Dean by September 1 of each academic year for which the student**

desires them. Each petition should be accompanied by evidence of the medical condition and evidence detailing the accommodations which have been provided the student in past educational settings or examinations. Particular weight is given to accommodations provided in taking the PCAT. The student whose request is granted is responsible for making appropriate arrangements with the School administration.

Unexpected circumstances that create the need for an accommodation for a student should be reported to the Dean as soon as possible in writing with the required medical documentation.

Individuals who believe they have been discriminated against on the basis of a disability may file a complaint under the University's Grievance Policy contained in Student Handbook and Catalog, which are distributed to students at the beginning of each academic year.

For additional information on these or other policies please refer to the Student Handbook which can be found at <http://www.uacp.org>.