

# Appendix C

## Curricular Core Map



### Pharmacy Practice Experiences

Introductory Pharmacy Practice Experiences	IPPE, Community	IPPE, Institution
<b>I. Introductory Pharmacy Practice Experiences</b>		
<b>a. Format</b>		
i. Shadowing of practitioners or students on advanced pharmacy practice experiences	x	x
ii. Interviews with real patients	x	x
iii. Simulation		
iv. Service learning (see below)	x	x
v. Real practice experiences in community, institutional, long-term care pharmacies, etc.	x	x
<b>b. Activities</b>		
i. Processing and dispensing new/refill medication orders	x	x
ii. Conducting patient interviews to obtain patient information	x	x
iii. Creating patient profiles using information obtained	x	x
iv. Responding to drug information inquiries	x	x
v. Interacting with other health care professionals	x	x
vi. Participating in educational offerings designed to benefit the health of the general public	x	x
vii. Interpreting and evaluating patient information	x	x
viii. Triaging and assessing the need for treatment or referral, including referral for a patient seeking pharmacist-guided self-care	x	x
ix. Identifying patient-specific factors that affect health, pharmacotherapy, and/or disease state management	x	x
x. Assessing patient health literacy and compliance	x	x
xi. Performing calculations required to compound, dispense, and administer medications	x	x
xii. Administering medications	x	x
xiii. Evaluating appropriateness of medication dosing utilizing basic dosing principles	x	x
xiv. Providing point-of-care and patient-centered services	x	x
xv. Conducting physical assessments	x	x
xvi. Preparing and compounding extemporaneous preparations and sterile products	x	x
xvii. Communicating with patients and other health care providers	x	x
xviii. Interacting with pharmacy technicians in the delivery of pharmacy services	x	x
xix. Documenting interventions in patient records in a concise, organized format that allows readers to have a clear understanding of the content	x	x
xx. Presenting patient cases in an organized format covering pertinent information	x	x
xxi. Billing third parties for pharmacy services	x	x
<b>c. Service Learnings</b>		
i. Meet a community need	x	x
ii. Establish or enhance a relationship between the community and the academic institution	x	x
iii. Help foster civic and professional responsibility and the development of a sense of caring for others	x	x
iv. Are integrated into the required academic curriculum	x	x
v. Provide structured time to reflect on the service learning experience	x	x
vi. Enhance what is taught in the didactic curriculum by extending student learning beyond the classroom and into the community	x	x
vii. Provide opportunities for interaction with other health professional students and practitioners	x	x
viii. Attempt to balance the service that is provided and the learning that takes place	x	x

Advanced Pharmacy Practice Experiences	APPE, acute care	APPE, internal medicine	APPE, ambulatory care	APPE, electives	APPE, community	APPE, hospital practice	APPE, other
<b>II. Advanced Pharmacy Practice Experiences</b>							
<b>a. Primary Activities</b>							
i. Practicing as a member of an interprofessional team	x	x	x	x	x	x	x
ii. Identifying, evaluating, and communicating to the patient and other health care professionals the appropriateness of the patient's specific pharmacotherapeutic agents, dosing regimens, dosage forms, routes of administration, and delivery systems	x	x	x	x	x	x	x
iii. Consulting with patients regarding self-care products	x	x	x	x	x	x	x
iv. Recommending prescription and nonprescription medications, dietary supplements, diet, nutrition, traditional nondrug therapies, and complementary and alternative therapies	x	x	x	x	x	x	x
v. Recommending appropriateness medication dosing utilizing practical pharmacokinetic principles	x	x	x	x	x	x	x
vi. Administering medications where practical and consistent with the practice environment and where legally permitted	x	x	x	x	x	x	x
vii. Identifying and reporting medication errors and adverse drug reactions	x	x	x	x	x	x	x
viii. Managing the drug regimen through monitoring and assessing patient information	x	x	x	x	x	x	x
ix. Providing pharmacist-delivered patient care to a diverse patient population	x	x	x	x	x	x	x
x. Providing patient education to a diverse patient population	x	x	x	x	x	x	x
xi. Educating the public and health care professionals regarding medical conditions, wellness, dietary supplements, durable medical equipment, and medical and drug devices	x	x	x	x	x	x	x
xii. Retrieving, evaluating, managing, and using clinical and scientific publications in the decision-making process	x	x	x	x	x	x	x
xiii. Accessing, evaluating, and applying information to promote optimal health care	x	x	x	x	x	x	x
xiv. Ensuring continuity of pharmaceutical care among health care settings	x	x	x	x	x	x	x
xv. Participating in discussions and assignments regarding compliance with accreditation, legal, regulatory/legislative, and safety requirements	x	x	x	x	x	x	x
xvi. Participating in discussions and assignments regarding the drug approval process and the role of key organizations in public safety and standards setting	x	x	x	x	x	x	x
xvii. Participating in discussions and assignments concerning key health care policy matters that may affect pharmacy	x	x	x	x	x	x	x
xviii. Working with the technology used in pharmacy practice	x	x	x	x	x	x	x
<b>b. Secondary Activities</b>							
i. Preparing and dispensing medications	x	x	x	x	x	x	x
ii. Managing systems for storage, preparation, and dispensing of medications	x	x	x	x	x	x	x
iii. Allocating and using key resources and supervising pharmacy technical staff	x	x	x	x	x	x	x
iv. Participating in purchasing activities	x	x	x	x	x	x	x
v. Creating a business plan to support a patient care service, including determining the need, feasibility, resources, and sources of funding	x	x	x	x	x	x	x
vi. Managing the medication use system and applying the systems approach to medication safety	x	x	x	x	x	x	x
vii. Participating in the pharmacy's quality improvement program	x	x	x	x	x	x	x
viii. Participating in the design, development, marketing, and reimbursement process for new patient services	x	x	x	x	x	x	x
ix. Participating in discussions and assignments of human resources management, medication resources management, and pharmacy data management systems, including pharmacy workload and financial performance	x	x	x	x	x	x	x
x. Participating in the pharmacy's planning process	x	x	x	x	x	x	x
xi. Conducting a drug use review	x	x	x	x	x	x	x
xii. Managing the use of investigational drug products	x	x	x	x	x	x	x
xiii. Participating in the health system's formulary process	x	x	x	x	x	x	x
xiv. Participating in therapeutic protocol development	x	x	x	x	x	x	x
xv. Participating in the management of medical emergencies	x	x	x	x	x	x	x
xvi. Performing prospective and retrospective financial and clinical outcomes analyses to support formulary recommendations and therapeutic guideline development	x	x	x	x	x	x	x
<b>c. Tertiary Activities</b>							
i. Developing and analyzing clinical drug guidelines	x	x	x	x	x	x	x
ii. Participating in the health system's formulary process	x	x	x	x	x	x	x
iii. Participating in the design, development, marketing, and reimbursement process for new patient services	x	x	x	x	x	x	x
iv. Participating in discussions of human resources management, medication resources management, and pharmacy data management systems including pharmacy workload and financial performance	x	x	x	x	x	x	x