

Appendix C

Curricular Core Map



Pharmacy Practice Experiences

Introductory Pharmacy Practice Experiences	IPPE, Community	IPPE, Institution
I. Introductory Pharmacy Practice Experiences		
a. Format		
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. Activities		
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
c. Service Learnings		
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
II. Advanced Pharmacy Practice Experiences							
a. Primary Activities							
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. Secondary Activities							
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
c. Tertiary Activities							
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