UMKC School of Pharmacy APPE Readiness Program

(Approved 5/19/19, Revised 9/18/19, Revised 3/10/2020, Revised 8/1/21, Revised August 2022)

Background and Context:

The UMKC School of Pharmacy (SOP) accepts students into the program with the intent to support on time graduation coupled with preparation for a competitive application for their identified career goals. The following are core policies that frame student expectations as they complete the program and detail procedures to manage issues with academic, clinical performance and professionalism issues. Depending on the circumstances, other SOP and Campus polices may come into play.

- *Minimal Technical Standards for Admission, Matriculation, and Graduation*
  - Describes the knowledge, skills and abilities students must have to be eligible for graduation and pharmacy licensure.
- *Policies and Procedures Governing Academic Standing for Doctor of Pharmacy Students*
  - Describes procedures for managing course remediation, academic dismissal, re-entry, leave of absence, and assignment of a modified curriculum.
- *Standards of Professional and Ethical Behavior*
  - Guides the professional behavior of Pharm.D. students to prepare them to meet the ethical standards of the pharmacy profession.

The UMKC School of Pharmacy has two interrelated strategies to support students in becoming ready for Advanced Pharmacy Practice Experiences (APPE) and ultimately qualified for licensure.

- *APPE Readiness Policy*
  - Designed to meet Accreditation Council for Pharmacy Education (ACPE) Standards 24 and 25
- *Student Success Program*
  - Designed to provide real time student performance monitoring during the semester. The goal is to allow intervention and support for the students and attempt to prevent failure and academic dismissal.

APPE Readiness Defined:

- Per ACPE Standard 12, the pre-APPE curriculum must provide a rigorous foundation in the biomedical, pharmaceutical, social/administrative/behavioral, and clinical sciences, incorporate Introductory Pharmacy Practice Experience (IPPE), and inculcate habits of self-directed lifelong learning to prepare students for Advanced Pharmacy Practice Experience (APPE).
- **Standard 24** requires schools to have an assessment plan that includes an evaluation of student readiness to enter APPEs. Further, **Standard 25** mandates that the pre-APPE curriculum lead to a defined level of competence in professional knowledge, knowledge application, patient and population-based care, comprehensive medication management skills, and the attitudes important to success in the advanced experiential program. Competence in these areas must be assessed prior to the first APPE. Therefore, students must meet the benchmarks below to be deemed APPE ready.

UMKC APPE Readiness Framework:

APPE Readiness Assessment	APPE Readiness Benchmark
Foundational Knowledge • 7110 Calculations • 7303 Pharmacokinetics and Biopharmaceutics • 7307 Advanced Pathophysiology • 7245 and 7345 Top Drugs • 7361, 7362, and 7363 Pharmacology I, II and III • 7463 Basic and Clinical Toxicology • 7326 Evidence-Based Medicine • 7434 and 7434L Pharmacy Preparations-Compounding • 7331 and 7331L Aseptic Technique • 7389 Pharmacogenomics and Precision Medicine • 7233 US Health Care System and Marketing (medication safety/error) • 7465 Health Economics and Medicine • 7151 and 7451 Pharmacy Law	Passing these courses is an adequate marker of APPE readiness.
Pharmacist Patient Care Process • 7414 and 7414L Patient-Centered Communication and Ethical Practice and associated Applied Skills Lab • 7325 and 7325L Patient Assessment and Professional Communication and associated Applied Skills Lab • 7405 Pharmacotherapy I • 7420 Pharmacotherapy II • 7485 Pharmacotherapy III • 7405L, 7420L, 7485L Pharmacotherapy Applied Skills Labs • 7378, 7379 and 7406 Introductory Pharmacy Practice Experiences (IPPE's)	Passing these courses is an adequate marker of APPE readiness. In addition, must pass a minimum number of OSCE stations (refer to OSCE content area).
Drug Information Analysis and Literature Research • 7326 Evidence Based Medicine • 7420 Pharmacotherapy II • 7485 Pharmacotherapy III • 7378, 7379 and 7406 IPPE's	Passing these courses is an adequate marker of APPE readiness.
Assessment of Clinical Skills • 7414L OSCE (medication history, patient education [prime 3] and difficult conversations) • 7414L on call activity (patient) • 7325L OSCE (physical assessment)	Passing the minimum number of OSCE stations as stated below is an adequate marker of APPE readiness: • 7414L: Must pass one of two stations • 7325L: Must pass

• 7325L on call activity (*provider) • 7331 on call activity (sterile products) • 7405L Pharmacotherapy I Applied Skills Lab OSCE (3 stations [2 face-to-face and 1 telephone interaction with patient], global and analytical score) • 7420L Pharmacotherapy II Applied Skills Lab on call activity (patient) • 7420L Pharmacotherapy II Applied Skills Lab OSCE (3 stations [2 face-to-face and 1 telephone interaction with patient], global and analytical score) • 7485L Pharmacotherapy III Applied Skills Lab on call activity (*provider) • 7485L Pharmacotherapy III Applied Skills Lab OSCE (3 stations [2 face-to-face and 1 telephone interaction with *provider], global and analytical score) • 7406P General Medicine I	• All pharmacotherapy performance-based exams are 3-station OSCEs. Passing 2 of 3 stations per pharmacotherapy lab is an adequate marker of APPE readiness. • Passing the on-call activity (≥70%) • Earning 9 or more meets expectations or exceeds expectations on elements I, II and III of the General Medicine I midpoint evaluation (total possible 13).
Interprofessional Education (IPE): Through completion of required interprofessional education activities, students gain an understanding and demonstrates competence in the following areas: • Roles and Responsibilities • Values and Ethics • Interprofessional Communication • Teams and Teamwork	Completing all required IPE activities in years one through three of the professional degree program is an adequate marker of APPE readiness.
Pharmacy Curriculum Outcomes Assessments (PCOA) • Basic Biomedical Science • Pharmaceutical Science • Social/Behavioral/Administrative Science • Clinical Sciences	Scoring a composite percentile of > 20 on the PCOA is an adequate marker for APPE readiness.
Calculations Assessment (Year 3)	Scoring > 70% is an adequate marker for APPE readiness.
Co-Curriculum • Completion of all Co-Curricular experiences	Completing all required activities is an adequate marker of APPE readiness.
Professionalism	Display of professional behavior is an adequate marker for APPE readiness. Unprofessional behavior includes, but is not limited to: • Failure to meet non-credit requirement deadlines • Failure to meet co-curricular deadlines • Failure to meet course and instructor evaluation deadlines • Professionalism assessed as *needs improvement* for 7378 and 7379 IPPEs • Professionalism assessed as *needs improvement* at midpoint and final evaluations for General Medicine I (7406) • Receipt of a behavioral report* (as determined to be relevant by Associate Dean for Student Affairs)