2015 Curriculum

Builds strengths that prepares graduates for career success

• Become a collaborate healthcare team member
  • As the team’s pharmacist, you will be respected for your contributions to patient care.

• Solve the most challenging problems in practice
  • Learn an evidence-based problem-solving approach

• Lead change
  • The pharmacy profession and the US healthcare system are changing and leaders are needed.
2015 Curriculum

Builds strengths that prepares graduates for career success

• Become a respected healthcare professional
  • Develop high personal standards for practice.

• Be distinguished from other US Pharm.D. graduates
  • Develop a unique set of skills known to enhance career prospects. For example:
    • Innovative mindset
    • Self-directed learner
    • Effective communicator during difficult conversations
    • An advocate for patients and the pharmacy profession
2015 Curriculum

Year 1
Foundations for practice
• Develop foundational knowledge and skills.

Years 2 and 3
Learn in the context of patient care
• Expand and apply your pharmacy knowledge & skills
  • Disorders-based courses

Year 4
Demonstrate in practice
• Perform pharmacist responsibilities in actual practice

Introductory Practice Experiences –
community → hospital

Continuous Professional Practice Skills laboratories—
perform practice tasks and learn through feedback

Co-Curriculum & Continuous Personal and Professional Development
prepare for career success
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**ORIENTATION**

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**Principles of Patient Centered Care**
Communication, Pharmaceutical Care, patient workup, Informatics & Patient Safety
2 Cr Hr

**Pathophysiology & Patient Assessment I**
3 Cr Hr

**Pharmacy & Population Health**
Social determinants of health, health disparities, wellness strategies
2 Cr Hr

**Principles of Medicinal Chemistry and Pharmacology I**
Principles of medicinal chemistry and pharmacology. Structure Activity Relationships; Molecular and cellular mechanisms of action.
3 Cr Hr

**Drug Delivery Systems**
Drug formulations, as well as devices used for drug delivery and targeted drug delivery.
4 Cr Hr

**Personal & Professional Development I**
Critical Thinking, Problem-solving, Interprofessional - Collaborator Self-Awareness, Patient Advocacy; Leadership; Innovation; Educator;
1 Cr Hr

**Interprofessional Education** — IFH: A requirement of the Personal and Professional Development Courses; Hours count towards IPPE.

**Professional Practice Skills I (1 Cr Hr):** Patient interviewing, communications, patient assessment, compounding.

**Pathophysiology & Patient Assessment II**
3 Cr Hr

**Principles of Medicinal Chemistry and Pharmacology II**
Principles continued.
1 Cr Hr

**Principles of Drug Therapy Individualization**
Mechanisms underlying variability in drug response. Includes principles of biopharmaceutics, pharmacokinetics, and pharmacogenetics, Special populations
4 Cr Hr

**Personal & Professional Development II**
Principles of Law and Ethics
1 Cr Hr

**Principles of Systems-Based Practice**
Health care delivery systems including Medication use systems (informatics & patient safety at the systems level). Insurance and assisting patients with coverage issues
1 Cr Hr

**Personal & Professional Development II (Continued).**

**Interprofessional Education** — IFH – ongoing

**Professional Practice Skills II (1 Cr Hr):** Patient assessment, compounding, communications (continues), Drug Information, literature evaluation, patient self-care, dispensing, patient safety.
# New 2015 UF COP PharmD Curriculum –Second Year (2PD)

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## Principles of Medical Microbiology, Immunology, & Virology (2 Cr Hr)
- **Patient Care 2:** Introduction to Infectious Disease and Heme/Onc
  - 4 Cr Hr
  - Introductory course in which students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management related to the treatment or management of infectious diseases or hematologic or oncologic disorders. These topics will be covered further in subsequent modules.

## Principles of Pharmacoeconomics (1 Cr Hr)
- **Patient Care 3:** Cardiovascular/Pulmonary
  - 6 Cr Hr

## Electives (2 Cr Hr)
- **Electives:**

## Personal Development/Remediation

## Sterile Compounding (1 Cr Hr)

## Professional Practice Skills III (1 Cr Hr): Horizontal & Vertical Integration of Skills; Simulations

## Professional Practice Skills IV (1 Cr Hr): Horizontal & Vertical Integration of Skills; Simulations

## Personal and Professional Development (1 Cr Hr) (Ongoing with Milestone requirements in Week 18)

## Interprofessional Education – Ongoing activities per campus plans – grading can be linked to Personal & Prof Development course

## Capstone Assessment/Remediation

## Milestone 2

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Professional Practice Skills III (1 Cr Hr): Horizontal & Vertical Integration of Skills; Simulations

Milestone 2

Interprofessional Education – Ongoing
<table>
<thead>
<tr>
<th>Month</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Aug</td>
<td>Pharmacoepidemiology</td>
<td>2 Hr</td>
<td>This course will examine the principles of epidemiology, patient safety, and drug safety.</td>
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<tr>
<td>Sept</td>
<td>Patient Safety &amp; Quality</td>
<td>2 Hr</td>
<td>Students will apply the principles of patient safety, quality management, and pharmaceutical law.</td>
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<tr>
<td>Oct</td>
<td>Practice Management</td>
<td>2 Hr</td>
<td>Students will apply the principles of practice management, clinical pharmacokinetics, and patient assessment.</td>
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<td>Nov</td>
<td>Patient Care 6: Skin and Musculoskeletal</td>
<td>3 Hr</td>
<td>Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, and social and behavioral aspects of medical management.</td>
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<td>Dec</td>
<td>Electives (2 Cr Hr)</td>
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<td>Jan</td>
<td>Patient Care 7: Brain and Behavior</td>
<td>6 Hr</td>
<td>Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, and social and behavioral aspects of medical management.</td>
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<td>Spring Break</td>
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<td>March</td>
<td>Patient Care 8: Complex Cases</td>
<td>4 Hr</td>
<td>This is a case-based capstone course that builds on the preceding Patient Care courses.</td>
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**Pharmaceutical Law**

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<td>2 Hr</td>
<td>This course will examine the federal and Florida state laws that impact the practice of pharmacy. Emphasis is on the legal principles applied by pharmacists in their daily decision-making.</td>
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**Professional Practice Skills V (1 Cr Hr):**

Traditional Skills Lab & OSCEs
OSCEs will be scheduled according to availability of Harrell Center (Assess “Practice Ready” in Nov-Dec)

**Personal and Professional Development (1 Cr Hr) (Ongoing with Milestone requirements in Week 18):**

Interprofessional Education – Ongoing activities per campus plans – grading can be linked to Personal & Prof Development course

**Professional Practice Skills VI (1 Cr Hr):**

(1 Cr Hr) Traditional Skills Lab
Students who did not pass “Practice Ready” OSCE will be re-tested.

**Personal and Professional Development - Ongoing**

Interprofessional Education – Ongoing
New 2015 UF COP PharmD Curriculum – Fourth Year (4PD)

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- **Capstone Assessment**
- **Milestone 4: OSCE**
- **Milestone 4: Other**

APPEs (11 months of Rotations – Specifics TBD)