



# MIDWESTERN UNIVERSITY COLLEGE OF PHARMACY, GLENDALE CAMPUS

## Three-Year Pharm.D. Curriculum

### First Year (PS-1 Students)

#### Summer

BIOCG 1551	Biochemistry	3
PHYSG 1501	Human Physiology 1	3
PPRAG 1501	Professional Skills Development 1	3.5
PPRAG 1536	People, Patients and Populations	4
PPRAG 1591	Introduction to Pharmacy Practice	1
PSCIG 1540	Pharmaceutical Calculations	2.5
<b>Total</b>		<b>17</b>

#### Fall

COREG 1560	Interprofessional Health Care	0.5
MICRG 1553	Immunology	3
PHYSG 1502	Human Physiology 2	3
PPRAG 1502	Professional Skills Development 2	3
PPRAG 1571	Health Care Systems	3
PSCIG 1541	Pharmaceutics I	4
PSCIG 1541L	Pharmacy Compounding	2
<b>Total</b>		<b>18.5</b>

#### Winter

COREG 1570	Interprofessional Health Care	0.5
BIOCG 1552	Molecular Biology and Human Genetics	2
PHIDG 1501	Integrated Sequence 1 ( <i>Inflammation, Nutrition, &amp; Anemia</i> )	3
PHIDG 1502	Integrated Sequence 2 ( <i>Autonomic Nervous System, Ophthalmic, &amp; Gastrointestinal</i> )	4
PPRAG 1503	Professional Skills Development 3	2
PPRAG 1535	Community Partnerships in Public Health	1.5
PSCIG 1542	Pharmaceutics 2	2
<b>Total</b>		<b>15</b>

#### Spring

COREG 1580	Interprofessional Health Care	0.5
MICRG 1513	Microbiology	3
PHIDG 1503	Integrated Sequence 3 ( <i>Endocrine System</i> )	4
PPRAG 1504	Professional Skills Development 4	2.5
PPRAG 1524	Pharmacy Law & Public Policy	2.5
PSCIG 1564	Pharmacokinetics and Biopharmaceutics	3.5
<b>Total</b>		<b>16</b>

### Second Year (PS-2 Students)

#### Summer (12 weeks)

PPRAG 1694	IPPE* Community (Full time for four weeks)	6
PPRAG 1695	IPPE Institutional (Full time for four weeks)	6
Four-week break		
These 3 four-week blocks may be assigned in any order.		
<b>Total</b>		<b>12</b>

#### Fall

PHIDG 1604	Integrated Sequence 4 ( <i>Renal &amp; Cardiovascular 1</i> )	4
PHIDG 1605	Integrated Sequence 5 ( <i>Cardiovascular 2</i> )	4.5
PPRAG 1605	Professional Skills Development 5	1.5
PPRAG 1665	Ethical Decision Making	2
PPRAG 1672	Research Methods	3
PPRAG 1677 <sup>1</sup>	Advanced Interprofessional Development (1/3 of the class <sup>1</sup> )	1
Electives		0 - 3
<b>Total</b>		<b>16</b>

#### Winter

PHIDG 1606	Integrated Sequence 6 ( <i>Central Nervous System 1 &amp; Musculoskeletal</i> )	4.5
PHIDG 1607	Integrated Sequence 7 ( <i>Central Nervous System 2, Dermatology, &amp; Pulmonary</i> )	4.5
PPRAG 1606	Professional Skills Development 6	1.5
PPRAG 1676	Evidence-Based Healthcare	3
Electives		0 - 3
<b>Total</b>		<b>13.5</b>

#### Spring

PHIDG 1608	Integrated Sequence 8 ( <i>Infectious Diseases</i> )	6
PHIDG 1609	Integrated Sequence 9 ( <i>Hematology &amp; Oncology</i> )	3.5
PPRAG 1607	Professional Skills Development 7	1.5
PPRAG 1667	Complimentary & Alternative Medicine	2
PPRAG 1675	Management 1	2.5
Electives		0 - 3
<b>Total</b>		<b>15.5</b>

### Third Year (PS-3 Students)

#### Summer

PPRAG 1737	Disease State Management	4.5
PPRAG 1701	Acute Care Management	4.5
PPRAG 1708	Professional Skills Development 8	1.5
PPRAG 1776	Human Resource Management	2
Electives		0 - 3
<b>Total</b>		<b>12.5</b>

#### Fall (12 weeks)

APPE ** (2 blocks, six weeks each)	18	
PPRAG 1790	PharmD Seminar	1
<b>Total</b>		<b>19</b>

#### Winter (12 weeks)

APPE (2 blocks, six weeks each)	18	
PPRAG 1790	PharmD Seminar	1
<b>Total</b>		<b>19</b>

#### Spring (12 weeks)

APPE (2 blocks, six weeks each)	18	
PPRAG 1790	PharmD Seminar	2
<b>Total</b>		<b>20</b>

### ~ GRADUATION ~

#### NOTES

- \* IPPE: Introductory Pharmacy Practice Experiences
- \*\* APPE: Advanced Pharmacy Practice Experiences: Six blocks (any order): Community, Health Systems/Institutional, Ambulatory Care, Acute Care/General Medicine, Patient Care, and Non-Patient Care Elective
- <sup>1</sup> PPRAG 1677 Advanced Interprofessional Development is assigned to be taken in **either** PS-2 Fall, Winter, or Spring Quarter. Credit totals modify accordingly.
- All quarters are 10 weeks each, plus one week for final exams. All 12-week quarters noted do not require an additional week for final exams.
- Quarterly credit totals do **not** include electives. A total of 9 credit hours of classroom electives are required prior to beginning APPE rotations.
- Integrated Sequence courses (PHIDG): Topics noted in parentheses are for illustrative purposes only and subject to adjustments.
- Course descriptions are available in the course catalog on our Website: [www.midwestern.edu/CPG](http://www.midwestern.edu/CPG)