

**University of Wyoming**  
**School of Pharmacy**  
**Master of Science in Health Services**  
**Administration Specialty Tracks**

**Biopharmaceutical Regulatory Compliance Group Specialty**

**Listings All Students Select One Specialty Track**

- **Specialty Tracks through the Biopharmaceutical Regulatory Compliance Group**
  - **Biopharmaceutical Regulatory Compliance**
  - **Healthcare Risk Management**
  - **Forensic Pharmacy**
  - **Healthcare Policy Analysis**
  - **Biopharmaceutical Product Representation**
  - **Clinical Research Administration**
  - **Patient Safety Systems**
  - **Healthcare Security Systems**
  - **Healthcare Ethics & Equity**

**Health Institution Leadership Group Specialty Listings**

- **Specialty Tracks through the Health Institution Leadership Group**
  - **Health Institution Leadership**
  - **Health Economics & Outcomes**
  - **Healthcare Quality & Outcomes**
  - **Rural Healthcare Coordination**
  - **Geriatric Care Systems**
  - **Healthcare Entrepreneurism**
  - **Healthcare Financing**
  - **Health Information Technology**
  - **Healthcare Writing and Reporting**

# Specialty Tracks through the Biopharmaceutical Regulatory Compliance Group

## MS-HSA CURRICULUM Biopharmaceutical Regulatory Track

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5243	Drug Enforcement Administration (DEA)	2
PHCY 5244	State Regulation of Health Professions	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5044	Preventing Fraud, Abuse & Waste	2
PHCY 5047	Pandemic Preparedness Policy	2
PHCY 5210	Regulating Dangerous Drug Use	2
PHCY 5240	Pharmaceutical Homicide	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5145	Prescription Benefit Management Decisions	2
PHCY 5670	Medication Malpractice	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Healthcare Risk Management Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5670	Medication Malpractice	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5240	Pharmaceutical Homicide	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5243	The Drug Enforcement Administration	2
PHCY 5244	State Regulation of Health Professions	2
PHCY 5444	Strategic Innovation in Healthcare	2
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5044	Preventing Fraud, Abuse & Waste	2
PHCY 5XXX	The Process of Forensic Science	2
PHCY 5XXX	Biomedical Ethics	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM**  
**Forensic Pharmacy Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5340	Pharmaceutical Homicide	2
PHCY 5XXX	The Chemistry of Poisonings	2
PHCY 5XXX	The Process of Forensic Science	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5670	Medication Malpractice	2
PHCY 5210	Regulating Dangerous Drug Use	2
PHCY 5243	Drug Enforcement Administration (DEA)	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Biomedical Ethics	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM**  
**Healthcare Policy Analysis Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5148	Health Economics & Policy	2
PHCY 5047	Pandemic Preparedness Policy	2
PHCY 5246	Prescription Drug Costs	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5210	Regulating Dangerous Drug Use	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5XXX	Clinical Research Regulation	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Biomedical Ethics	3
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Biopharmaceutical Product Representation Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5441	Intro to Health Institution Leadership	3
PHCY 5541	Biopharmaceutical Marketing and Production	3

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Biomedical Ethics	3
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Clinical Research Administration Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (10 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5242	Food and Drug Administration	2
PHCY 5XXX	Biomedical Ethics	3
PHCY 5XXX	Clinical Research Regulation	2

Specialty Track Electives (choose 5 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5444	Strategic Innovation in Health Care	2
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5148	Health Economics & Policy	2
PHCY 5143	Comparative Effectiveness	2
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5XXX	Clinical Trials Management	2
PHCY 5XXX	Protocol Development and Management	2

**MS-HSA CURRICULUM****Patient Safety Systems Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5441	Intro to Health Institution Leadership	3
PHCY 5341	Intro to Healthcare Quality	3

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5240	Pharmaceutical Homicide	2
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5244	State Regulation of Health Professions	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5XXX	The Chemistry of Poisonings	2
PHCY 5XXX	Biomedical Ethics	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Epidemiology	3



**MS-HSA CURRICULUM**  
**Healthcare Security Systems Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5XXX	Cybersecurity	2
PHCY 5XXX	HIPAA Compliance	2
PHCY 5XXX	Disaster Management	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5210	Regulating Dangerous Drug Use	2
PHCY 5240	Pharmaceutical Homicide	2
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5047	Pandemic Preparedness Policy	2
PHCY 5XXX	Clinical Research Regulation	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Healthcare Ethics & Equity Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (10 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5XXX	Biomedical Ethics	3
PHCY 5XXX	HIPAA Compliance	2
PHCY 5XXX	Clinical Research Regulation	2

Specialty Track Electives (choose 5 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5148	Health Economics & Policy	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Challenges in Rural Healthcare	2
PHCY 5XXX	Challenges in Geriatric Healthcare	2

# Specialty Tracks through the Health Institution Leadership Group

## MS-HSA CURRICULUM

### Health Institution Leadership Track

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5443	Human Capital for Health Institution Leaders	2
PHCY 5444	Strategic Innovation in Health Care	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5148	Health Economics & Policy	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	Healthcare Information Systems	2
PHCY 5XXX	Biomedical Ethics	3

**MS-HSA CURRICULUM**  
**Health Economics & Outcomes Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		12

Specialty Track Required Coursework (10 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5141	Health Economics & Outcomes	3
PHCY 5142	HEOR Decision Analysis	2
PHCY 5143	Comparative Effectiveness	2

Specialty Track Electives (choose 8 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5146	HEOR SAS I	3
PHCY 5147	HEOR SAS II	3
PHCY 5144	Patient Reported Outcomes	2
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5148	Health Economics & Policy	2
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5541	Intro to Biopharmaceutical Marketing and Production	3
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Healthcare Quality & Outcomes Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (8 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5341	Healthcare Quality & Improvement	3
PHCY 5342	Healthcare Risk & Quality	2

Specialty Track Electives (choose 7 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5343	Advanced Topics in Healthcare Quality	4
PHCY 5144	Patient Reported Outcomes	2
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5141	Intro to HEOR	3
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM**  
**Rural Healthcare Coordination Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5141	Health Economics & Outcomes	3
PHCY 5341	Healthcare Quality & Improvement	3

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5444	Strategic Innovation in Health Care	2
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5XXX	Challenges in Rural Healthcare	2
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Biomedical Ethics	3
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM**  
**Geriatric Care Systems Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5241	Biopharmaceutical Regulation & Compliance	3
PHCY 5341	Healthcare Quality & Improvement	3

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5443	Human Capital for Health Institution Leaders	2
PHCY 5144	Patient Reported Outcomes	2
PHCY 5342	Healthcare Risk & Quality	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5XXX	Challenges in Geriatric Healthcare	2
PHCY 5XXX	Biomedical Ethics	3
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Healthcare Entrepreneurism Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5541	Biopharmaceutical Marketing and Production	3
PHCY 5241	Biopharmaceutical Regulation & Compliance	3

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5142	HEOR Decision Analysis	2
PHCY 5444	Strategic Innovation in Health Care	2
PHCY 5443	Human Capital for Health Institution Leaders	2
PHCY 5XXX	Health Insurance and Reimbursement	2
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	Entrepreneurial Strategies in Healthcare	2
PHCY 5XXX	Health Information Technology	2
PHCY 5XXX	Epidemiology	3



**MS-HSA CURRICULUM**  
**Healthcare Financing Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5141	Health Economics & Outcomes	3
PHCY 5541	Biopharmaceutical Marketing and Production	3

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5442	Financial Planning for Health Institution Leaders	2
PHCY 5XXX	Health Insurance and Reimbursement	2
PHCY 5245	Medicare, Medicaid and ACA	2
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5142	HEOR Decision Analysis	2
PHCY 5246	Prescription Drug Costs	2
PHCY 5XXX	Healthcare Information Systems	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Health Information Technology Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5XXX	Information Design and Analysis	2
PHCY 5XXX	Healthcare Information Systems	2
PHCY 5XXX	Information Management	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5148	Health Economics & Policy	2
PHCY 5142	HEOR Decision Analysis	2
PHCY 5XXX	Biomedical Ethics	2
PHCY 5XXX	Health Data in Figures, Tables & Graphs	2
PHCY 5XXX	HIPAA Compliance	2
PHCY 5XXX	Cybersecurity	2
PHCY 5XXX	Clinical Trials Management	2
PHCY 5XXX	Epidemiology	3

**MS-HSA CURRICULUM****Healthcare Writing & Reporting Track**

Program Required Coursework (All Tracks)		
Course Number	Course Title	Credit Hours
PHCY 5040	Evolution of American Health Services	2
PHCY 5046	Health Services Administration Seminar (initial)	1
PHCY 5041	Health Services Administration Research Methods	2
PHCY 5042	Statistics for Health Services Administration	3
PHCY 5043	Empirical Analysis for Health Services Administration	3
PHCY 5046	Health Services Administration Seminar (final)	1
PHCY 5045	Health Services Administration Applied Research	3
Sub-Total Program Required Coursework		15

Specialty Track Required Coursework (9 credit hours)		
Course Number	Course Title	Credit Hours
PHCY 5441	Health Institution Leadership	3
PHCY 5XXX	Professional Writing in Healthcare	2
PHCY 5XXX	Health Data in Figures, Tables & Graphs	2
PHCY 5XXX	The Healthcare Message	2

Specialty Track Electives (choose 6 hours from list)		
Course Number	Course Title	Credit Hours
PHCY 5044	Preventing Fraud, Waste, Abuse	2
PHCY 5341	Healthcare Risk & Quality	2
PHCY 5XXX	Biomedical Ethics	3
PHCY 5242	Food & Drug Administration (FDA)	2
PHCY 5047	Pandemic Preparedness Policy	2
PHCY 5XXX	Clinical Research Regulation	2
PHCY 5XXX	The Opioid Epidemic	2
PHCY 5XXX	Epidemiology	3