

# Drug and Biopharmaceutical Sciences (DBPS)

## B.S. Program in Drug and Biopharmaceutical Sciences (DBPS)

### Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I *		3 ENGL 1120 English Composition II *	3
CHEM 1030 Fundamentals Chemistry I **		3 CHEM 1040 Fundamental Chemistry II **	3
CHEM 1031 Fundamental Chemistry I Laboratory **		1 CHEM 1041 Fundamental Chemistry II Laboratory **	1
Calculus **		4 BIOL 1020 Principles of Biology **	3
Core Humanities and Social Sciences *		3 BIOL 1021 Principles of Biology Laboratory **	1
DBPS 1010 Introduction to Drug and Biopharmaceutical Sciences I ***		1 Core Humanities and Social Sciences *	3
		DBPS 1020 Introduction to Drug and Biopharmaceutical Sciences II ***	1
	<b>15</b>		<b>15</b>

### Sophomore

Fall	Hours	Spring	Hours
Core Humanities and Social Sciences *		3 Core Humanities and Social Sciences *	3
Core Humanities and Social Sciences *		3 Core Humanities and Social Sciences *	3
DBPS 2010 Fundamentals of Biomedical Chemistry I ***		4 DBPS 2020 Fundamentals of Biomedical Chemistry II ***	4
DBPS 2030 Drug Targets I ***		4 DBPS 2040 Drug Targets II ***	4
DBPS 2050 Biopharmaceutical Data Analysis I		1 DBPS 2060 Biopharmaceutical Data Analysis II	1
	<b>15</b>		<b>15</b>

### Junior

Fall	Hours	Spring	Hours
DBPS 3010 Medicinal Chemistry I ***		4 DBPS 3020 Medicinal Chemistry II ***	3
DBPS 3030 Drug Action I ***		4 DBPS 3040 Drug Action II ***	4
DBPS 3050 Drug Formulations ***		3 DBPS 3060 Drug Pharmacokinetics ***	4
DBPS 3070 Drug Research Seminar I ***		1 DBPS 3080 Drug Research Seminar II ***	1
Core Humanities and Social Sciences *		3 Core Humanities and Social Sciences *	3
	<b>15</b>		<b>15</b>

### Senior

Fall	Hours	Spring	Hours
DBPS 4980 Research ***		5 DBPS 4980 Research ***	5
DBPS Program Electives ***		5 DBPS Program Electives ***	5
AU General Electives (DBPS approval required) **		5 AU General Elective (DBPS approval required) **	5
	<b>15</b>		<b>15</b>

**Total Hours: 120**

\* AU Core requirement

\*\* Existing AU course and program prerequisite

\*\*\* New DBPS course