

Pre-Pharmacy Program Curriculum Guide in the Honors Track*

Pre-pharmacy - First Year					
Fall Semester			Spring Semester		
FYS ---	First Year Seminar	3 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
CHEM 001/3	General Chemistry I & Lab (<i>PHSC AOI</i>)*	4 CR	BIO 013/L	Pre-Professional Biology II & Lab	4 CR
BIO 012/L	Pre-Professional Biology I & Lab (<i>LIFE AOI</i>)*	4 CR	MATH 050	Calculus I (<i>QUANT AOI</i>)*	4 CR
HONR/ELEC ---	Honors/General Elective*	3 CR	HONR/ELEC ---	Honors/General Elective*	3 CR
PHAR 011	CAPS I: College Connections	0.5 CR	PHAR 031	CAPS II: Community Connections	0.5 CR
HONR 001	Honors First-Year Practicum*	1 CR			
Total Semester Credit Hours		15.5	Total Semester Credit Hours		15.5
Pre-pharmacy - Second Year					
Fall Semester			Spring Semester		
CHEM 097/98	Organic Chemistry I & Lab	4 CR	CHEM 108/110	Organic Chemistry II & Lab	4 CR
STAT 060	Statistics for the Life Sciences	3 CR	BIO 095	Medical Microbiology	3 CR
ART ---	Artistic Experience AOI*	3 CR	SCSR 073	Public Speaking	3 CR
HONR/ELEC ---	Honors/General Elective*	3 CR	HONR 100	Paths to Knowledge*	4 CR
HONR/ELEC ---	Honors/General Elective*	3 CR	HONR/ELEC ---	Honors/General Elective*	3 CR
PHAR 051	CAPS III: Professional Connections	0.5 CR	PHAR 071	CAPS IV: Career Connections	0.5 CR
Total Semester Credit Hours		16.5	Total Semester Credit Hours		17.5
TOTAL PRE-PHARMACY CREDITS: 63					

Doctor of Pharmacy Curriculum Guide in the Honors Track*

Doctor of Pharmacy 1					
Fall Semester			Spring Semester		
PHAR 125	Physiology	4 CR	PHAR 132	Pathophysiology	4 CR
PHAR 130	Biochemistry	4 CR	PHAR 133	Principles of Drug Action I	5 CR
PHAR 131	Introduction to Pharmaceutical Sciences	3 CR	PHAR 138	Pharmaceutical Calculations	2 CR
PHAR 144	Basic Pharmacy Skills & Applications I	2 CR	PHAR 140	Pharmaceutics I	2 CR
PHAR 122	Continuing Professional Development (CPD) I	1 CR	PHAR 145	Basic Pharmacy Skills & Applications II	2 CR
HONR/ELEC ---	Honors/General Elective*	3 CR	PHAR 171	Social and Administrative Pharmacy	3 CR
			PHAR 123	Continuing Professional Development (CPD) II	1 CR
Total Semester Credit Hours		17	Total Semester Credit Hours		19
Doctor of Pharmacy 2					
Fall Semester			Spring Semester		
PHAR 134	Principles of Drug Action II	5 CR	PHAR 135	Principles of Drug Action III	4 CR
PHAR 141	Pharmaceutics II	3 CR	PHAR 143	Therapeutic Drug Monitoring	2 CR
PHAR 142	Kinetics	3 CR	PHAR 155	Intermediate Pharmacy Skills & Applications II	2 CR
PHAR 154	Intermediate Pharmacy Skills & Applications I	2 CR	PHAR 169	Nonprescription Therapies	3 CR
PHAR 172	Literature Evaluation Methods	3 CR	PHAR 190	Therapeutics I	3 CR
ELEC ---	Pharmacy Professional Elective	1 CR	HONR/ELEC ---	Honors/General Electives*	3 CR
PHAR 167	Continuing Professional Development (CPD) III	1.5 CR	PHAR 168	Continuing Professional Development (CPD) IV	1.5 CR
Total Semester Credit Hours		18.5	Total Semester Credit Hours		18.5
Doctor of Pharmacy 3					
Fall Semester			Spring Semester		
PHAR 162	Pharmacy Law & Ethics	3 CR	PHAR 173	Applied Social & Administrative Pharmacy	3 CR
PHAR 174	Management in Pharmacy	3 CR	PHAR 185	Advanced Pharmacy Skills & Applications II	2 CR
PHAR 184	Advanced Pharmacy Skills & Applications I	2 CR	PHAR 176	Continuing Professional Development (CPD) VI	2 CR
PHAR 175	Continuing Professional Development (CPD) V	2 CR	PHAR 192	Therapeutics III	5 CR
PHAR 191	Therapeutics II	4 CR	ELEC ---	Pharmacy Professional Electives	2 CR
ELEC ---	Pharmacy Professional Electives	3 CR	HONR 199	Sr. Honors Thesis	3 CR
Total Semester Credit Hours		17	Total Semester Credit Hours		17
Doctor of Pharmacy 4					
Fall Semester			Spring Semester		
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR

Honors Track is an interdisciplinary, discussion-dependent, reading- and writing-intensive alternative to Drake's already innovative general education curriculum.

Requirements in the Honors Track

*The Honors Track is an alternative to the Drake Curriculum requirements for the Areas of Inquiry (AOI) coursework.

The Honors Track requires:

- One Quantitative Literacy AOI (3 credits)
- One Artistic Experiences AOI (3 credits)
- One Physical or Life Sciences AOI (3 credits)
- Honors First-Year Practicum (1 credit)
- HONR 100: Paths to Knowledge (4 credits) – *Note: recommended to be taken by the end of the second year*
- Honors elective credits (15 credits) – *Note: no more than 6 credits from any one program*

Note: Honors courses are also taught during the J-term and summer terms. Only one summer web-course can be applied for Honors Track requirements.

Pharmacy Students taking Honors Track: The Quantitative Literacy AOI and Physical or Life Sciences AOI are fulfilled through required pre-pharmacy and professional pharmacy coursework.

Pharmacy Professional Electives: Six credits are required and completed during the professional pharmacy program.

Requirements to Graduate with University Honors

To graduate with a "University Honors" distinction on a Drake degree, students must:

1. Complete the Honors Program Track (as outlined above).
2. Complete an Honors Senior Thesis in the final year of coursework. This thesis may also be completed during the summer after the second professional year. (3 credits)
(<http://www.drake.edu/media/departments/offices/honors/documents/HonorsThesisDescrip.pdf>)
3. Graduate with a 3.2 cumulative GPA or higher

Additional information, the application process (<http://www.drake.edu/honors/apply/>), and student forms for completing the track (<http://www.drake.edu/honors/forms/studentforms/>) can be found online.