



## School of Health and Natural Sciences

### Pharmacist



#### National Career Cluster: Health Science

GRADE	SUBJECT	Required Courses for Core 40 Diploma					Recommended Courses and Electives		
		English/ Language Arts	Math	Social Studies	Science	Electives	Electives	Electives	Electives
HIGH SCHOOL	9	S1	English 9	Algebra I	College and Careers	Biology I	PE	Health	PLTW Principles of Biomedical Sciences
	9	S2	English 9	Algebra I	Study Hall	Biology I	PE	Health	PLTW Principles of Biomedical Sciences
	10	S1	English 10 Enr. Eng 10	Geometry	World History	ICP Chemistry	World Language	PLTW Human Body Systems	
	10	S2	English 10 Enr. Eng 10	Geometry	World History	ICP Chemistry	World Language	PLTW Human Body Systems	
	11	S1	English 11 AP English 11	Algebra II	US History AP US History	Core 40 Science	World Language	AP Chemistry	AP Biology
	11	S2	English 11 AP English 11	Algebra II	US History AP US History	Core 40 Science	World Language	AP Chemistry	AP Biology
	12	S1	Senior Comp AP English 12	Quantitative Reasoning Course	Government	World Language	Porter County Career Center Course		
	12	S2	Senior Comp AP English 12	Quantitative Reasoning Course	Economics	World Language			

#### Doctor of Pharmacy from Butler University, Indianapolis, IN

POSTSECONDARY	Yr 13	S1	First Year Seminar (FYS 101)	General Chemistry w/lab (CH 105)	Calculus and Analytical Geom I (MA 106)	Core Course	Health Sciences Seminar (PX 100)		
		S2	First Year Seminar (FYS 102)	General Chemistry w/lab (CH 106)	Introductory Cell Biology (BI 105)	Core Course	Public Speaking (COM 102)	Physical Well Being Course	
	Yr 14	S1	Global and Historical Studies (GHS 201-209)	Organic Chemistry w/lab (CH 351)	Human Anatomy w/out lab (PX 311)	Ethical Issues in Health Care (PX 325)	Core Course		
		S2	Global and Historical Studies (GHS 201-209)	Organic Chemistry w/lab (CH 352)	Pathogenic Microbiology w/lab (BI 325)	Human Physiology w/out lab (PX 315)	Intro to Professional Practice (PX 200)		
	Yr 15	S1	Introduction to Pharmaceutical Care 1 (RX 350)	Pathophysiology (RX 316)	Clinical Biochemistry (RX 312)	Immunology w/out lab (BI 323)	Introduction to Drug Information and Literature Evaluation (RX 327)	Liberal Education Elective	Intro to Pharmacy Practice Experience 1 (RX 301)
		S2	Introduction to Pharmaceutical Care 2 (RX 351)	Clinical Assessment (RX 324)	Pharm Biotechnology (RX 314)	Introduction to Principles of Drug Action (RX 318)	Delivery of Health Care (RX 320)		
	Yr 16	S1	Prin of Drug Action 1 (RX 411)	Therapeutics 1 (RX 413)	Therapeutics 1 Case Studies (RX 403)	Introduction to Dosage Forms (RX 421)	Liberal Education Elective	Intro to Pharmacy Practice Experience 2 (RX 401)	Self-Care and Health Promotion 1 (RX 415)
		S2	Prin of Drug Action 2 (RX 412)	Therapeutics 2 (RX 414)	Therapeutics 2 Case Studies (RX 404)	Advanced Dosage Forms (RX 422)	Self-Care and Health Promotion 2 (RX 416)	Personnel and Financial Management (RX 432)	
	Yr 17	S1	Principles of Drug Action 3 (RX 511)	Therapeutics 3 (RX 513)	Therapeutics 3 Case Studies (RX 503)	Pharmacokinetics and Biopharmaceutics (RX 522)	Biostatistics and Research Design (RX 527)	Professional Elective	Intro to Pharmacy Practice Experience 3 (RX 501)
		S2	Therapeutics 4 (RX 514)	Therapeutics 4 Case studies (RX 504)	Advanced Drug Information and Literature Evaluation (RX 528)	Pharmacy and the Law (RX 526)	Clinical Pharmacokinetics (RX 523)	Intro to Experiential Rotations (RX 500)	Professional Elective
	Yr 18	S1	Pharm.D. Senior Seminar I (RX 607)	Ten One-Month Experiential Rotations (4 credits each)					
		S2	Pharm.D. Senior Seminar II (RX 608)						

**Hobart High School offers numerous DUAL CREDIT courses. See your counselor for more information.**

