

Science for Health Professions

Associate in Science in Science for Health Professions

to

Bachelor of Science in Biology

DCCC			Penn State		
<i>First Semester</i>			<i>First Semester</i>		
ENG 100	English Composition I	3	ENGL 15	Rhetoric and Composition	3
BIO 110 or BIO 150	Recommend BIO 110 General Biology I ¹	4	BIOL 110	Biology: Basic Concepts and Biodiversity	4
CHE 101 or CHE 110	Recommend CHE 110 General Chemistry I	4	CHEM 110 and 111	Chemical Principles I & Experimental Chemistry I	4
Mathematics Elective	Recommend MAT 160 Calculus I	4	MATH 140	Calculus with Analytic Geometry I	4
		15			15
<i>Second Semester</i>			<i>Second Semester</i>		
ENG 112	English Composition II: Writing About Literature	3	ENGL 101	Introduction to Literature	3
COMM 100 or COMM 111	Interpersonal Communication or Recommend Public Speaking	3	CAS 203 or CAS 100	Interpersonal Communication or Effective Speech	3
Mathematics Required Elective	Recommend MAT 161 Calculus II	4	MATH 141	Calculus with Analytical Geometry II	4
Laboratory Science Required Elective	Recommend CHE 111 General Chemistry II	4	CHEM 112 and 113	Chemical Principles II & Experimental Chemistry II	4
Any transferable Diversity and Social Justice and Global Understanding designed Social Science or Humanities course	Recommend HUM 121 Myth or 210 Cultural Anthropology	SOC 3	HUM 150 or ANTH 45	World Myth or Cultural Diversity	3
		17			16 - 17
<i>Third Semester</i>			<i>Third Semester</i>		
DPR 100 or DPR 101	Introduction to Information Technology or Introduction to Computer Science	3	MIS SFR 100 or CMPSC XFR 100	Elective	4
Mathematics/Science Required Elective	Recommend CHE 200 Organic Chemistry I	4	CHEM 210	Organic Chemistry I	4
Laboratory Science Required Elective	Recommend PHY 110 College Physics I	4	PHYS 250	Introductory Physics I	4
	Social Science Elective	3		Dependent upon course selection	
	Humanities Elective	3		Dependent upon course selection	
		17			14 - 17
<i>Fourth Semester</i>			<i>Fourth Semester</i>		
Mathematics/Science Required Elective	Recommend PHY 111 College Physics II	4	PHYS 251	Introductory Physics II	3
Mathematics/Science Required Elective	Recommend CHE 201 Organic Chemistry II	4	CHEM 212 and 213	Organic Chemistry II and Lab	3
	Social Science Elective	3		Dependent upon course selection	4
Open Elective	Recommend BIO 111 ¹	3		Dependent upon course selection	4
	Open Elective	3		Dependent upon course selection	3 - 4
		17			14 - 15
	Total Credits	66		Total Credits:	60 - 67