



ASSOCIATE OF SCIENCE DEGREE IN NATURAL SCIENCE (ASNS)

PROGRAM OF STUDY (BIOLOGY concentration) (ASNS-BIOLOGY)

PROGRAM OVERVIEW:

The Associate of Science degree in Natural science has two areas of concentration, Biology and Chemistry. The program is designed to fulfill the needs of those students who:

- Want to complete the first two years of an undergraduate degree in a Community College environment and then transfer to a four-year institution in concentrations of either Biology or Chemistry,
- Are undecided about their educational goals and need an opportunity to explore their interests, or
- May be interested in obtaining only a two-year Natural Science degree.

The Natural Science program offers an associate degree that is equivalent to the first two years of a Bachelor of Science degree program, prepares students for transfer to four-year degree programs at the University of the District of Columbia as well as other institutions, allows room for additional natural science requirements not required by UDC-CC's Associate of Science degree but may be required in a four-year program to which the student may decide to transfer, and allows for an area of concentration, special interest, or prerequisites for a transfer program. Students may choose either an Associate of Science Biology or Chemistry concentration. Either of the programs gives the student the flexibility to fulfill the lower-division natural science requirements for transfer and to pursue a major of interest or fulfill prerequisites.

Students should take the following courses preferably in the order that is suggested below and pass the course with **C** or better grade.

ASNS – BIOLOGY

Fall Semester

Course Code	Course Name	Credit hrs	Prerequisites
IGED 110C	Foundation Writing I	3	
BIOL 101C	Biological Sciences I – Lecture	3	
BIOL 103C	Biological Sciences I – Lab	1	
MATH 113C	Pre-Calculus with Trigonometry I	3	
IGED 130C	Found. Oral Communications	3	
FSEM 101C	First Year Seminar	1	
	Total	14	

Spring Semester

Course Code	Course Name	Credit hrs	Prerequisites
IGED 111C	Foundation Writing II	3	IGED 110C
BIOL 102C	Biological Sciences II – Lecture	3	BIOL 101C/103C
BIOL 104C	Biological Sciences II Lab	1	BIOL 101C/103C
IGED 140C	Foundation in Ethics and Values	3	
MATH 114C	Pre-Calculus with Trigonometry II	3	MATH 113C
CHEM 111C	General Chemistry I Lecture	3	
CHEM 113C	General Chemistry I Lab	1	
	Total	17	

Fall Semester

Course Code	Course Name	Credit hrs	Prerequisites
IGED 210C	Discovery Writing	3	
BIOL 225	Invertebrate Zoology Lec (Fall only)	3	BIOL 102C/104C
BIOL 224	Invertebrate Zoology (Fall only)	1	BIOL 102C/104C
CHEM 112C	General Chemistry II Lecture	3	CHEM 111C
CHEM 114C	General Chemistry II Lab	1	CHEM 113C
MATH 215C	Calculus for Bus., Soc, & Life Sci.	4	MATH 213, 216 or eq.
	Total	15	

Spring Semester

Course Code	Course Name	Credit hrs	Prerequisites
IGED 250C	Discovery Technology	3	
BIOL 235	Botany Lecture (Spring only)	3	BIOL 102C/104C
BIOL 234	Botany Lab (Spring only)	1	BIOL 102C/104C
PHYS 101C	Intro. To College Physics Lecture	3	MATH 105 or eq.
PHYS 103C	Intro. To College Physics Lab	1	
BIOL 241	General Microbiology Lecture	3	BIOL 102C/104C
BIOL 240	General Microbiology Lab	1	BIOL 102C/104C
	Total	15	
	Grand Total	61	

UPON COMPLETION OF 61 CREDIT HOURS, STUDENTS WILL HAVE AN OPTION TO EITHER GRADUATE WITH AN ASSOCIATES DEGREE (ASNS-BIOLOGY), OR THEY CAN PURSUE THEIR UNDERGRADUATE COURSE OF STUDY TOWARDS A BACHELOR'S IN BIOLOGY DEGREE FROM SEMESTER 5 ONWARDS