

Biology/Botany/Zoology

Associate in Science

(Specific to Wildlife Biology)

Total Required Credits for Degree: minimum of 64
General Education Core Curriculum: minimum of 37
Additional Math/Science: 10 to 15
Additional Coursework: 12 to 17

Code: 8813

Note: Consult a faculty adviser or the Counseling and Advising office before planning coursework.

First Semester Possibilities

Students enrolled in a minimum of 12 credits are considered full-time students. The following courses are examples of possible choices for the first semester of study:

Course	Credits
Biology 1151.....	4
Chemistry 1551.....	
English 1101.....	3
Mathematics 1431.....	5

Program Note

Begin consultation early with your adviser and the institutions to which you might transfer.

General Education Core Curriculum

Each candidate for an A.S. degree shall satisfactorily complete a minimum of 37 General Education credits. General Education credit may not be earned using a Satisfactory/Fail grade.

Use the *Student Planning Worksheet* or consult a list of General Education categories and courses for this degree to decide what needs to be taken. Links can be found on the Biology online program guide (www.cod.edu, click on "Academics" and then choose this program from the drop-down menu).

Under the specified General Education headings below, the following courses are recommended for the Biology/Botany/Zoology Associate in Science (Wildlife Biology) degree:

Communication: 9 credits

Written: 6 credits

Oral: 3 credits

Required courses: English 1101 and 1102 (grade of "C" or higher required); Speech 1100 (grade of "C" or higher required)

Physical/Life Sciences: 7 to 10 credits

Select at least one course from Life Sciences and one course from Physical Sciences. At least one course must have a laboratory component.

Recommended courses: Biology 1151*, 1152; Chemistry 1551* (Math 1431 (or equivalent) is a pre-requisite to Chemistry 1551) and 1552 (inorganic); Chemistry 2551 and 2552 (organic); Physics 1100 (*conforms to IAI standards)

Note: Students should also consider taking Biology 2150 (*Ecology*), Biology 2151 (*Cell Biology*), Zoology 2260 (*Invertebrate Zoology*), Zoology 2250 (*Comparative Zoology*) and/or Biology 1800 (*Animal Research in the Field: An Introduction*).

Mathematics: 3 to 5 credits

Required course: Mathematics 1431

Recommended courses: One or more semesters of calculus (Mathematics 2231, 2232, 2233) may be required at the transfer school.

Humanities and Fine Arts: 9 credits

Select at least one course from Humanities and at least one course from Fine Arts.

Please note: Only one foreign language course may apply for general education credit. Additional foreign language courses will count as elective credit toward your degree.

Earn no more than 6 credits in History in the Humanities and Fine Arts, and Social and Behavioral Sciences categories combined. Additional credits in History from general education or other categories may be earned as elective credit, unless restricted by degree requirements.

Recommended courses: One or two years of a foreign language may be required; consult your transfer institution.

Social and Behavioral Sciences: 9 credits

Courses must be selected from at least two disciplines. See note under Humanities/Fine Arts regarding History courses.

Recommended courses: See the *Student Planning Worksheet*.

Additional Math/Science Requirements

Physical and Life Sciences

Select two courses up to a maximum of 10 credits.

Mathematics

Select one course up to a maximum of 5 credits.

Additional Coursework

Students are strongly advised to consult with a faculty adviser and/or the transfer institution in selecting 12 to 17 General Elective credits. Students can earn a maximum of 10 credits in technical/occupational areas (the transferability of these courses needs to be validated with a transfer institution).

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Additional A.S. Degree Requirements

These credits can count as either General Education Core Curriculum (in the Humanities category or the Social and Behavioral Sciences category) or as General Elective credit, whichever applies.

Human Relations: Complete one course.

Recommended course: See the *Student Planning Worksheet*.

Global/Multicultural Studies or Contemporary Life Skills:

Complete one course.

Recommended course: See the *Student Planning Worksheet*.

IAI (Illinois Articulation Initiative)

The IAI General Education Core Curriculum is based on a package concept, in which a package of courses is used to meet the receiving institution's lower-division general education requirements. The entire IAI package must be completed to ensure full articulation.

Always seek the advice of an academic adviser at College of DuPage or an admissions counselor at a transfer institution when choosing major courses. For additional information, check the web site at: www.itransfer.org or the College of DuPage transfer guide web site at home.cod.edu/academics/transferinfo.

Advisers

If you are considering this program as an area of study, consult with an adviser in this field:

	Location	Phone
Chris Petersen	HS 1337	(630) 942-2517
Lynda Randa	HS 1327	(630) 942-2706