

Associate in Arts & Sciences – Direct Transfer (DTA)

GENERAL INFORMATION

Students interested in pursuing a four-year degree in Animal Science may spend their first two years at a community college prior to transferring. EvCC offers a DTA that satisfies a number of the pre-requisites for the major.

Animal science is the study of domestic animals, including their nutrition, genetics, breeding, welfare, physiology, and use in animal production systems. An animal science degree opens up a wide variety of careers in agriculture (business and animal production), allied animal industries, government, science, biotechnology, teaching, and research.

The Associate in Arts and Sciences –DTA meets guidelines for direct transfer to most colleges and universities in Washington, as well as to the major universities in Oregon. The degree enables the student to complete basic distribution requirements in Math, English, Humanities, Social Sciences and Natural Sciences, and to begin the major course of study. However, the student may have to take additional freshman and sophomore level science courses at the university before being eligible for junior level courses in the major.

CAREER OPTIONS

Career opportunities include animal production and food processing, agricultural equipment, feed manufacturing and sales, pharmaceuticals, artificial insemination, and research. Employment may be found in business, industry, colleges and universities, and most frequently in government. International travel may be a career possibility. Starting salaries vary depending on the location, employer and type of work. For more information see the *Occupational Outlook Handbook* <http://www.bls.gov/ooh/> [Jan. 2014]

SUGGESTED PREPARATION

High school study in math, biology and chemistry is very helpful, so that college level courses in these subjects can be immediately pursued. Additionally, writing and communication skills are important.

Students interested in Animal Science should possess these qualities: ingenuity and adaptability, good manual dexterity, ability to focus on scientific practices and research and ability to convey information.

For specific requirements in your area of interest, it is strongly recommended that you contact an EvCC biology advisor (below) and contact the Animal Science program at WSU.

The Website of WSU's Animal Science program provides information about this field:

Website: www.ansci.wsu.edu/

Phone: 509-335-5523

PROGRAM ADVISORS

- Fayla Schwartz, Shuksan 117, 425-388-9451
fschwartz@everettcc.edu
- René Kratz, Shuksan 121, 425-388-9503
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- Pamela Pape-Lindstrom, Shuksan 118, 425-388-9480
ppape@everettcc.edu

GETTING STARTED AT EVCC

Our Enrollment Services Office provides information about application, advising, orientation and registration for new and continuing students. New degree-seeking students must complete entry advising through the Advising Center. Contact:

- Enrollment Services, Parks Student Union 201
425-388-9219 admissions@everettcc.edu
- Advising Center, Rainier Hall 108, 425-388-9339

Approved by Instructional Council March 2017. DTA checklist effective January 2017.

Everett Community College does not discriminate on the basis of race, color, religious belief, sex, marital status, sexual orientation, gender identity or expression, national or ethnic origin, disability, genetic information, veteran status, or age in its programs, activities, or employment. The Chief Diversity and Equity Officer has been designated to handle inquiries regarding nondiscrimination policies and can be reached at 2000 Tower Street, Everett, WA 98201, or by phone at 425-388-9979. This publication is effective **January 2017**. The College reserves the right to change courses, programs, degrees and requirements. It is the student's responsibility to be aware of correct information by routinely checking with Enrollment Services and/or the advisors listed in this publication. Requirements applicable to all certificates and degrees are published in the College Catalog. Nothing contained herein shall be construed to create any offer to contract or any contractual rights.

For more information, call 425-388-9219, Everett Community College, 2000 Tower Street, Everett, WA 98201, www.everettcc.edu

Associate in Arts and Sciences - DTA

This checklist is targeted at transfer students with an interest in pursuing an **animal science** degree at a four-year institution. Students should meet with an advisor and maintain this checklist while at Everett Community College. The quarter before expected completion, this checklist should be submitted with a diploma application to the Enrollment Services Office. This checklist refers to requirements listed in the curriculum guide titled “Associate in Arts and Sciences – DTA”, which lists all the courses which are approved for the various categories of requirements. Note: Though courses in a foreign language are not required in the DTA degree, some universities may require two or three quarters of foreign language for admission or for graduation.

Student Name: _____

COMPLETION of [College Success Course](#)

Where completed/Course Title	Year Completed	Grade
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COMPLETION of Diversity Course

Where Completed/Course Title	Year Completed	Grade
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Course Number	Course Title	Credits	Quarter Completed	Grade
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BASIC COMMUNICATION SKILLS (Minimum of 10 credits from [approved list](#).)

*ENGL&101	English Composition I	5		
+ENGL& 102	Composition II	5		

BASIC QUANTITATIVE SKILLS (5 credits)

*MATH& 141	Precalculus I: College Algebra	5		
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HUMANITIES (15 credits from the [DTA approved Humanities List](#). See Note 1.)

SOCIAL SCIENCE (15 credits from the [DTA approved Social Science List](#). See Note 1.)

ECON& 201	Microeconomics	5		

SCIENCE AND MATH (See Note 1 and 2.)

*BIOL& 221	Majors Ecology/Evolution	5		
*BIOL& 222	Majors Cellular/Molecular	5		
*BIOL& 223	Majors Organismal Physiology	5		
*CHEM& 161	General Chemistry with Lab I	5.5		
*CHEM& 162	General Chemistry with Lab II	5.5		
*CHEM& 163	General Chemistry with Lab III	5.5		
*CHEM& 261	Organic Chemistry with Lab I	6		
*CHEM& 262	Organic Chemistry with Lab II	6		
+CHEM& 263	Organic Chemistry with Lab III	6		
*MATH& 142	Precalculus 2	5		
*MATH& 146	Introduction to Statistics	5		
*PHYS& 114 (formerly 121)	General Physics I	5		
+PHYS& 115 or 116 (formerly 122 or 123)	General Physics II or III	5		

Minimum 90 credits required, with minimum 2.0 GPA. See Note 3.

* Required.

+ See advisor to discuss whether these courses or others are appropriate for your goal and/or for your transfer institution.

Note 1: Courses must be from three different disciplines. No more than 10 credits in any one discipline may be used in Humanities, Social Science and Science.

Note 2: All science courses require completion of ENGL 98 or placement into ENGL& 101. Chemistry courses require completion of MATH 099 or equivalent placement, as well as completion of CHEM& 140 or a high school chemistry course completed within the last three years. BIOL& 221 may be taken after or concurrently with CHEM& 161 BIOL& 222 and 223 must be taken after CHEM& 161. CHEM& 261, 262, 263 is only offered Fall/Winter/Spring. It may be advisable to take Physics in the junior year.

Note 3: Completion of all the listed courses may result in more than 90 credits being earned for the degree. The advantage is that the completion of these courses will enable you to progress more efficiently in your major at a university. Alternatively, some of the more advanced courses may be done at the university instead. Please consult with an advisor to decide the best option for you.