

Transfer Matrix from NWCC ACE into UBC Bachelor of Science in Natural Resources Conservation (BCSN)
29-Nov-16

Year	BSCN Courses			NWCC Courses			Comments	
	Course	Title	Credits	Course	Title	Credits		
1	APBI 200	Introduction to Soil Science	3	GEOG 160	Physical Geography II: Geology, Geomorphology and Soils	3		
	BIOL 111	Introduction to Modern Biology	3	BIOL 101	Introductory Biology I - Cells, Diversity and Physiology	3	or 3 credits of electives if BIOL 12 taken	
	BIOL 121	Genetics, Evolution and Ecology	3	BIOL 102	Introductory Biology II - Genetics, Evolution and Ecology	3		
	CONS 101	Introduction to Conservation	1		Exempt		Would wave course this for a ACE Diploma graduate	
	ECON 101	Principles of Microeconomics	3	ECON 111 or 151	Principles of Microeconomics	3		
	ECON 102	Principles of Macroeconomics	3	ECON 112 or 152	Principles of Macroeconomics	3		
	ENGL 100-level	Two courses in first year English	6	ENGL 100-level	Engl 151/152: Technical Writing I & Advanced Technical Writing II	6		
	GEOB 102	Our Changing Environment: Climate and Ecosystem	3	GEOG 150	Physical Geography I: Biogeography, Meteorology and Climatology	3		
	CONS 210	Visualizing Climate Change	3		Gap	3		
	MATH 100/102/104	Differential Calculus	3	MATH 101 or 141	Calculus I: Differential Calculus or Calculus I for Social Services	3		
Total Credits			31				30	ACE students would likely have 21 credits from year 1
2	CONS 200	Foundations of Conservation	3	GEOG 110 / 210	Humans & Environment/Environments & Society	3	GEOG 110 &/or GEOG 210, with preference for GEOG 110	
	FRST 200	Forest Plant Biology I	3	BIOL 211	Principles of Ecology	3		
	FRST 201	Forest Ecology	3	ACE 190	Temperate Rainforest Ecology	3		
	FRST 210	Forest Plant Biology II	3		Gap	0	electives year 3 or 4	
	FRST 211	Forest Classification and Silvics	3		Gap	0	electives year 3 or 4	
	FRST 231	Introduction to Biometrics	3	MATH 131	Introduction to Statistics	3		
	FRST 232	Computer Applications in Forestry	3	CPSC 111	Introduction to Computer Science	3		
	SOCI 200-level	200-level Sociology course	3	SOCI 101	Intro to Sociology	3	Would have to become an add-on to ACE (change to soci 200)	
				Chem 101	Introductory Chemistry I	3		
	Elective		6	Biol 2xx or Chem 102 or other	One of the Biol 2xx courses listed below or Intro to Chem II or other elective course from the list below	3	Any university transferable course not listed elsewhere on this spreadsheet. First year Chemistry credit is required for eventual RPBio designation.	
Total Credits			30				24	ACE students would likely have 21 credits from year 2

3 Gaps Identified and students will fill by taking those courses in place of their 3rd and 4th year electives. They will not be required to take those 3 in addition to their 3rd and 4th year electives.

POTENTIAL ELECTIVES THAT NWCC STUDENTS MAY COME WITH:

- Biol 201 Invertebrate Zoology
- Biol 202 Vertebrate Zoology
- Biol 203 Non-Vascular Plants and Fungi
- Biol 204 Vascular Plants
- Biol 208 Biology of Plants
- Biol 235 Ichthyology
- Biol 236 Ornithology: Biology of Birds
- Biol 270 Coastal Zone Conservation Biology
- Ocgy 208 Introduction to Physical, Chemical and Geological Oceanography
- Ocgy 209 Introduction to Biological Oceanography
- Anth 240 Intro to Archaeology
- Anth 250 Intro to Biological Anthropology
- Geog 110 People and the Environment
- Geog 210 Environments and Society
- Geog 215 Geography of Food
- Geog 207 Hydrology and Soils



In addition to the above , ACE students would normally also complete:
- 4 courses from the list to the left (all 3 credit courses):

The usual courses they take are:
- **Two Biol 2xx courses**
- **Ocgy 208 & 209**



This puts usual ACE grads 3 courses short of your first 2 years. They would be missing:
2. CONS 210 --complete at UBC
3. FRST 210 --complete at UBC
4. FRST 201 --complete at UBC

3 Gaps Identified and students will fill by taking those courses in place of their 3rd and 4th year electives. They will not be required to take those 3 in addition to their 3rd and 4th year electives.

51 to 57 credits transferred (depending on whether 2 econ courses were taken at NWCC)