

Progression through the BSc in NRM  
Major in Outdoor Recreation and Conservation Curriculum  
Environmental Design and Planning Specialization  
For students following the 2013-2014 UNBC calendar

FIRST YEAR	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 101</u>	<u>BIOL 102</u>
<u>CHEM 100</u>	<u>CHEM 101 or PSYC 101<sup>B</sup> or PHYS 100<sup>B</sup></u>
<u>NREM 100</u>	<u>ECON 100<sup>B</sup> or ENVS 101*, FNST 100<sup>B</sup> or GEOG 100*</u>
<u>ORTM 100</u>	Elective
<i>ENPL 104</i>	Elective
SECOND YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 201</u>	<u>ECON 205<sup>B</sup> or STAT 240<sup>B</sup></u>
<u>GEOG 204 or GEOG 300</u>	<u>NREM 210</u>
<u>ORTM 200</u>	<i>ENPL 204</i>
<u>ORTM 205</u>	Elective
Elective	Elective
THIRD YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>ORTM 300</u>	<u>FNST 304 or NREM 303*</u>
<u>ORTM 305</u>	<u>ORTM 310</u>
<u>NREM 203 or NREM 204 or GEOG 210</u>	<u>ORTM 332</u>
<i>ENPL 303 or ENPL 415 or GEOG 432 or NREM 410**</i>	<i>ENPL 304* or ENVS 326 or NREM 306</i>
Elective	Elective
FOURTH YEAR (see Note 2 below)	
<b>FALL</b>	<b>WINTER</b>
Elective	ORTM 412
Elective	<u>NREM 400</u>
Elective	<u>NREM 411</u>
Elective	<i>BIOL 411</i>
Elective	<u>ORTM 400</u>

<sup>B</sup>=courses offered both semesters

\*=course offered in the opposite semester

±=course offered on a variable schedule

\*\*=course offered in alternating years

**NOTE 1:** ORTM 333 is always a spring/summer semester offering, which should be taken in the summer between 2<sup>nd</sup> and 3<sup>rd</sup> year, or between 3<sup>rd</sup> and 4<sup>th</sup> year.

**NOTE 2:** Two courses from this list must fit into elective spaces: ORTM 306, ORTM 403\*\*, ORTM 407\*\*, ORTM 408\*\*, ORTM 409\*\*, ORTM 414\*\*, ORTM 498±.

**NOTE 3:** To allow for easier reading – Core requirements for the BSc are in red print and underlined, while specialization requirements are in *blue print and italicized*. ORTM 333 and courses mentioned in Note 2 are also core requirements.

**DISCLAIMER:** This course progression sheet may not be entirely accurate. It has been created with the best of intentions and with the best information available at the time. However, ORTM cannot control courses in other programs and thus those may change semesters, and offering cycles without our knowledge.

Progression through the BSc in NRM  
Major in Outdoor Recreation and Conservation Curriculum  
Conservation Education Specialization  
For students following the 2013-2014 UNBC calendar

FIRST YEAR	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 101</u>	<u>BIOL 102</u>
<u>CHEM 100</u>	<u>CHEM 101 or PSYC 101<sup>B</sup> or PHYS 100<sup>B</sup></u>
<u>NREM 100</u>	<u>ECON 100<sup>B</sup> or ENVS 101*, FNST 100<sup>B</sup> or GEOG 100*</u>
<u>ORTM 100</u>	Elective
<u>EDUC 101</u>	Elective
SECOND YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 201</u>	<u>ECON 205<sup>B</sup> or STAT 240<sup>B</sup></u>
<u>GEOG 204 or GEOG 300</u>	<u>NREM 210</u>
<u>ORTM 200</u>	<u>EDUC 201</u>
<u>ORTM 205</u>	Elective
Elective	Elective
THIRD YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>ORTM 300</u>	<u>FNST 304 or NREM 303*</u>
<u>ORTM 305</u>	<u>ORTM 310</u>
<u>NREM 203 or NREM 204 or GEOG 210</u>	<u>ORTM 332</u>
<i>FSTY 201 or BIOL 301** or BIOL 307 or BIOL 308 or ENVS 325*</i>	Elective
Elective	Elective
FOURTH YEAR (see Note 2 below)	
<b>FALL</b>	<b>WINTER</b>
Elective	<u>ORTM 412</u>
<u>ORTM 409</u>	<u>NREM 400</u>
<u>BIOL 401 or BIOL 411* or BIOL 414 or BIOL 420* or GEOG 432 or NREM 410*</u>	<u>NREM 411</u>
Elective	<u>ORTM 400</u>
Elective	Elective

<sup>B</sup>=courses offered both semesters

\*=course offered in the opposite semester

±=course offered on a variable schedule

\*\*=course offered in alternating years

**NOTE 1:** ORTM 333 is always a spring/summer semester offering, which should be taken in the summer between 2<sup>nd</sup> and 3<sup>rd</sup> year, or between 3<sup>rd</sup> and 4<sup>th</sup> year.

**NOTE 2:** Two courses from this list must fit into elective spaces: ORTM 306, ORTM 403\*\*, ORTM 407\*\*, ORTM 408\*\*, ORTM 414\*\*, ORTM 498±.

**NOTE 3:** To allow for easier reading – Core requirements for the BSc are in red print and underlined, while specialization requirements are in blue print and italicized. ORTM 333 and courses mentioned in Note 2 are also core requirements.

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Progression through the BSc in NRM  
Major in Outdoor Recreation and Conservation Curriculum  
Natural Science Specialization  
For students following the 2013-2014 UNBC calendar

FIRST YEAR	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 101</u>	<u>BIOL 102</u>
<u>CHEM 100</u>	<u>CHEM 101 or PSYC 101<sup>B</sup> or PHYS 100<sup>B</sup></u>
<u>NREM 100</u>	<u>ECON 100<sup>B</sup> or ENVS 101*, FNST 100<sup>B</sup> or GEOG 100*</u>
<u>ORTM 100</u>	Elective
Elective	Elective
SECOND YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 201</u>	<u>ECON 205<sup>B</sup> or STAT 240<sup>B</sup></u>
<u>GEOG 204 or GEOG 300</u>	<u>NREM 210</u>
<i>FSTY 201 or BIOL 204</i>	Elective
<u>ORTM 200</u>	Elective
<u>ORTM 205</u>	Elective
THIRD YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>ORTM 300</u>	<u>FNST 304 or NREM 303*</u>
<u>ORTM 305</u>	<u>ORTM 310</u>
<u>NREM 204 (See Note 4 below)</u>	<u>ORTM 332</u>
<i>BIOL 301** or BIOL 307 or BIOL 308 or BIOL 318 or BIOL 322** (choose 3 courses from list)</i>	<i>BIOL 201 or BIOL 302 or BIOL 304 or BIOL 350 or BIOL 333 or NREM 333 or ENVS 325 (another suite of the choose 3 courses from list)</i>
<u>NREM 203 or GEOG 210 (See Note 4 below)</u>	Elective
FOURTH YEAR (see Note 2 below)	
<b>FALL</b>	<b>WINTER</b>
Elective	<u>ORTM 412</u>
<i>BIOL 402 or BIOL 404 or BIOL 412 or BIOL 420* or BIOL 421** (remainder of the choose 3 courses from list)</i>	<u>NREM 400</u>
Elective	<u>NREM 411</u>
Elective	<i>BIOL 411</i>
Elective	<u>ORTM 400</u>

<sup>B</sup>=courses offered both semesters

\*=course offered in the opposite semester

±=course offered on a variable schedule

\*\*=course offered in alternating years

**NOTE 1:** ORTM 333 is always a spring/summer semester offering, which should be taken in the summer between 2<sup>nd</sup> and 3<sup>rd</sup> year, or between 3<sup>rd</sup> and 4<sup>th</sup> year. BIOL 333 and NREM 333 are also typically offered in the spring/summer semester.

**NOTE 2:** Two courses from this list must fit into elective spaces: ORTM 306, ORTM 403\*\*, ORTM 407\*\*, ORTM 408\*\*, ORTM 409\*\*, ORTM 414\*\*, ORTM 498±.

**NOTE 3:** To allow for easier reading – Core requirements for the BSc are in red print and underlined, while specialization requirements are in blue print and italicized. ORTM 333 and courses mentioned in Note 2 are also core requirements.

**NOTE 4:** Unique to this specialization NREM 204 appears as both a 'choose one of' course in the core requirements and a stand alone specialization requirement; thus you must take NREM 204, and your core choices are thus reduced to NREM 203 and GEOG 210 in this instance.

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Progression through the BSc in NRM  
Major in Outdoor Recreation and Conservation Curriculum  
Applications of Recreation and Tourism Specialization  
For students following the 2013-2014 UNBC calendar

FIRST YEAR	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 101</u>	<u>BIOL 102</u>
<u>CHEM 100</u>	<u>CHEM 101 or PSYC 101<sup>B</sup> or PHYS 100<sup>B</sup></u>
<u>NREM 100</u>	<u>ECON 100<sup>B</sup> or ENVS 101*, FNST 100<sup>B</sup> or GEOG 100*</u>
<u>ORTM 100</u>	Elective
Elective	Elective
SECOND YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>BIOL 201</u>	<u>ECON 205<sup>B</sup> or STAT 240<sup>B</sup></u>
<u>GEOG 204 or GEOG 300</u>	<u>NREM 210</u>
<u>NREM 203 or NREM 204 or GEOG 210</u>	<u>ORTM 202</u>
<u>ORTM 200</u>	Elective
<u>ORTM 205</u>	Elective
THIRD YEAR (see Note 1 below)	
<b>FALL</b>	<b>WINTER</b>
<u>ORTM 300</u>	<u>FNST 304 or NREM 303*</u>
<u>ORTM 305</u>	<u>ORTM 310</u>
<i>BIOL 204 or BIOL 301** or BIOL 307 or BIOL 308 or BIOL 318 or BIOL 350 or BIOL 333 or NREM 333 or BIOL 404 (choose 2 courses from list)</i>	<i>BIOL 304 or NREM 306 or ENVS 325 or BIOL 411 or BIOL 420 (remainder of the choose 2 courses from list)</i>
Elective	<u>ORTM 332</u>
Elective	Elective
FOURTH YEAR (see Note 2 below)	
<b>FALL</b>	<b>WINTER</b>
Elective	<u>ORTM 412</u>
Elective	<u>NREM 400</u>
Elective	<u>NREM 411</u>
Elective	<u>ORTM 400</u>
Elective	Elective

<sup>B</sup>=courses offered both semesters

\*=course offered in the opposite semester

±=course offered on a variable schedule

\*\*=course offered in alternating years

**NOTE 1:** ORTM 333 is always a spring/summer semester offering, which should be taken in the summer between 2<sup>nd</sup> and 3<sup>rd</sup> year, or between 3<sup>rd</sup> and 4<sup>th</sup> year. BIOL 333 and NREM 333 are also typically offered in the spring/summer semester.

**NOTE 2:** Unique to this specialization, four courses from this list (instead of two) must fit into elective spaces: ORTM 306, ORTM 403\*\*, ORTM 407\*\*, ORTM 408\*\*, ORTM 409\*\*, ORTM 414\*\*, ORTM 433±, ORTM 440±, ORTM 498±, ORTM 499±.

**NOTE 3:** To allow for easier reading – Core requirements for the BSc are in red print and underlined, while specialization requirements are in *blue print and italicized*. ORTM 332 and two of the courses noted in Note 2 are core requirements; the other 2 courses in Note 2 are specialization requirements.

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