

# GEOGRAPHY DEGREE CHECKLIST: 4-YEAR B.Sc.

(minimum of 57 credit hours in GEOG/maximum of 78 credit hours in GEOG)

Consult the University Calendar for General Degree Requirements

<b>INTRO GEOG REQUIREMENT</b>	<b>Compulsory 12 credit hours:</b>																							
	* GEOG-1102(3) Intro Hum. Geo. I	* GEOG-1103(3) Intro Hum. Geo. II																						
	* GEOG-1201(3) Intro Atm. Sci.	* GEOG-1202(3) Intro Earth Sci.																						
<b>PHYSICAL GEOGRAPHY REQUIREMENT</b>	<b>12 credit hours from the following courses:</b>																							
	* GEOG-2207(3) Climatology	* GEOG-2216(3) Physical Geol.																						
	* GEOG-2210(3) Meteorology	* GEOG-2218(3) Fluv.&Hills. Proc.																						
	* GEOG-2213(3) Intro Soil Sc	* GEOG-2219(3) Glac.&Perig.Proc.																						
	* GEOG-2214(3) Soil-Veg Sys.	* GEOG-3210 (3) Hydrology																						
	* GEOG-2215(3) Mineralogy & Pet.																							
<b>GEOMATICS GEOGRAPHY REQUIREMENT</b>	<b>Compulsory 15 credit hours:</b>																							
	* GEOG-2304(3) Comp. Mapping	* GEOG-2306 (3) Intro. GIS																						
	* GEOG-2309(3) Stat. Tech. Env.	[formerly GEOG-3302(3)]																						
	* GEOG-2316(3) Intro Rem. Sens.	* GEOG-3330(3) Res. Methods																						
<b>PHYSICAL GEOGRAPHY AND GEOMATICS ELECTIVES</b>	<b>Minimum of 9/maximum of 21 additional credit hours from Physical or Geomatics Geography courses (i.e. where the 2nd digit of the course number is a 2 or 3; may include courses not used above)</b>																							
	*	*																						
	*	*																						
	*	*																						
	*	*																						
	*	*																						
	*	*																						
	<b>TOTAL CREDIT HOURS IN THIS REQUIREMENT (MINIMUM IS 9)</b> _____																							
<b>OTHER GEOG</b>	<b>Total number of credit hours from Systematic Human or Regional Geography courses used as General Degree Electives (max. is 12)</b>																							
	*	*																						
	_____	_____																						
	*	*																						
	_____	_____																						
	*	*																						
	_____	_____																						
	<b>TOTAL GEOG CREDIT HOURS (MAXIMUM IS 78)</b> _____																							
<b>UPPER LEVEL REQUIREMENT</b>	<b>From your courses above (but not in OTHER GEOG), an overall minimum of 12 credit hours must be at the 3000- or 4000-level, and at least 6 credit hours must be at the 4000-level:</b>																							
	* Total number of 3000-level credits	_____																						
	* Total number of 4000-level credits (minimum of 6)	_____																						
<b>EXTERNAL SCIENCE REQUIREMENT</b>	<b>Minimum of 24 credit hours of science courses from at least 2 other Science departments (Applied Computer Science, Biology, Chemistry, Mathematics, Physics, Statistics).</b>																							
	*	*																						
	*	*																						
	*	*																						
	*	*																						
<b>COURSES THAT DO NOT QUALIFY FOR THE EXTERNAL SCIENCE REQUIREMENT</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">* ACS-1453(3) Intro to Comp</td> <td style="width: 50%; border: none;">* ENV-2604(3) Health &amp; Env</td> </tr> <tr> <td style="border: none;">* ACS-1803(3) Intro Comp Sys.</td> <td style="border: none;">* MATH-0001(6) Basic Math</td> </tr> <tr> <td style="border: none;">* BIOL-1005(6) Concepts in Science</td> <td style="border: none;">* MATH-0005(3) Intro Math</td> </tr> <tr> <td style="border: none;">* BIOL-1102(6) Biol Hum Conc</td> <td style="border: none;">* MATH-2901(3) Hist Calculus</td> </tr> <tr> <td style="border: none;">* BIOL-1103(6) Human Biology</td> <td style="border: none;">* MATH-2903(3) Early/Middle</td> </tr> <tr> <td style="border: none;">* BIOL-1106(3) Env Biol</td> <td style="border: none;">* MULT-1005(6) Concepts Sci</td> </tr> <tr> <td style="border: none;">* CHEM-0100(3) Found. of Chem</td> <td style="border: none;">* PHYS-1005(6) Concepts in Science</td> </tr> <tr> <td style="border: none;">* CHEM-01801(3) Headline Chem</td> <td style="border: none;">* PHYS-1501(6) Modern Tech</td> </tr> <tr> <td style="border: none;">* CHEM-2801(3) Chem &amp; soc</td> <td style="border: none;">* PHYS-1701(6) Astronomy</td> </tr> <tr> <td style="border: none;">* ENV-1600(3) Hum Env Int</td> <td style="border: none;">* PHYS-2705(6) Cosmology</td> </tr> <tr> <td style="border: none;">* ENV-2603(3) Env Sust</td> <td></td> </tr> </table> <p style="text-align: center;"><b>When in doubt, make an appointment with the Department Chair</b></p>		* ACS-1453(3) Intro to Comp	* ENV-2604(3) Health & Env	* ACS-1803(3) Intro Comp Sys.	* MATH-0001(6) Basic Math	* BIOL-1005(6) Concepts in Science	* MATH-0005(3) Intro Math	* BIOL-1102(6) Biol Hum Conc	* MATH-2901(3) Hist Calculus	* BIOL-1103(6) Human Biology	* MATH-2903(3) Early/Middle	* BIOL-1106(3) Env Biol	* MULT-1005(6) Concepts Sci	* CHEM-0100(3) Found. of Chem	* PHYS-1005(6) Concepts in Science	* CHEM-01801(3) Headline Chem	* PHYS-1501(6) Modern Tech	* CHEM-2801(3) Chem & soc	* PHYS-1701(6) Astronomy	* ENV-1600(3) Hum Env Int	* PHYS-2705(6) Cosmology	* ENV-2603(3) Env Sust	
* ACS-1453(3) Intro to Comp	* ENV-2604(3) Health & Env																							
* ACS-1803(3) Intro Comp Sys.	* MATH-0001(6) Basic Math																							
* BIOL-1005(6) Concepts in Science	* MATH-0005(3) Intro Math																							
* BIOL-1102(6) Biol Hum Conc	* MATH-2901(3) Hist Calculus																							
* BIOL-1103(6) Human Biology	* MATH-2903(3) Early/Middle																							
* BIOL-1106(3) Env Biol	* MULT-1005(6) Concepts Sci																							
* CHEM-0100(3) Found. of Chem	* PHYS-1005(6) Concepts in Science																							
* CHEM-01801(3) Headline Chem	* PHYS-1501(6) Modern Tech																							
* CHEM-2801(3) Chem & soc	* PHYS-1701(6) Astronomy																							
* ENV-1600(3) Hum Env Int	* PHYS-2705(6) Cosmology																							
* ENV-2603(3) Env Sust																								