# Geography/Environmental Studies Studies Major

## Preparation for the Major: 4 Courses - 20 units

1) Geography 1 or 2  
2) Geography 3, 4 or 6  
3) Geography 5  
4) Statistics 12

## The Major: 11 courses - 44 units minimum

- To declare the Major, students must have completed TWO Geography course at UCLA with a C or better (2.0 GPA).
- Students must take 11 Upper Division courses (minimum 44 units) from the clusters below.
- All courses must be taken for a letter grade. Overall and Major GPA of 2.0 is required to graduate.
- GEOG 191 (Variable Topics) may count towards the major. For which category, contact the Academic Counselor.
- By petition, 1 Independent Research class may apply: Geog 199 (Independent Research) or Geog 198A (Honors Research). Must be taken as a 4-unit, letter grade course.
- All Geography Upper Division courses (GEOG 100-up) count towards the major (with a few exceptions).

### 1 Regions Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>119</td>
<td>Biophysical and Social Transformations in Northern Regions</td>
</tr>
<tr>
<td>136</td>
<td>Technology, Nature, and American Landscape</td>
</tr>
<tr>
<td>139</td>
<td>Japan in World: Culture, Place, and Global Connections</td>
</tr>
<tr>
<td>145</td>
<td>Slavery and Human Trafficking</td>
</tr>
<tr>
<td>152</td>
<td>Cities of Europe</td>
</tr>
<tr>
<td>156</td>
<td>Metropolitan Los Angeles</td>
</tr>
<tr>
<td>158</td>
<td>Korean Urban Experience</td>
</tr>
<tr>
<td>180</td>
<td>North America</td>
</tr>
<tr>
<td>181</td>
<td>Mexico, Central America, Caribbean</td>
</tr>
<tr>
<td>182A</td>
<td>Spanish South America</td>
</tr>
<tr>
<td>182B</td>
<td>Brazil</td>
</tr>
<tr>
<td>183</td>
<td>Europe</td>
</tr>
<tr>
<td>184</td>
<td>California</td>
</tr>
<tr>
<td>185</td>
<td>South and Southeast Asia</td>
</tr>
<tr>
<td>186</td>
<td>Contemporary China</td>
</tr>
<tr>
<td>187</td>
<td>Middle East</td>
</tr>
</tbody>
</table>

### 2 Courses from Human Systems Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>118</td>
<td>Medical Geography</td>
</tr>
<tr>
<td>133</td>
<td>Cultural Geography of Modern World</td>
</tr>
<tr>
<td>134</td>
<td>Space, Place, and Nature in Western Thought</td>
</tr>
<tr>
<td>138</td>
<td>Place, Identity, and Networked World</td>
</tr>
<tr>
<td>140</td>
<td>Political Geography</td>
</tr>
<tr>
<td>141</td>
<td>Uneven Development Geographies</td>
</tr>
<tr>
<td>142</td>
<td>Population Geography</td>
</tr>
<tr>
<td>143</td>
<td>Population in Interacting World</td>
</tr>
<tr>
<td>144</td>
<td>Ethnicity in American Cities</td>
</tr>
<tr>
<td>145</td>
<td>Slavery and Human Trafficking</td>
</tr>
<tr>
<td>146</td>
<td>Feminist Geography</td>
</tr>
<tr>
<td>147</td>
<td>Social Geography</td>
</tr>
<tr>
<td>148</td>
<td>Economic Geography</td>
</tr>
<tr>
<td>149</td>
<td>Transportation Geography</td>
</tr>
<tr>
<td>150</td>
<td>Urban Geography</td>
</tr>
<tr>
<td>151</td>
<td>Cities and Social Difference</td>
</tr>
<tr>
<td>153</td>
<td>Past Societies and Their Lessons for Our Own Future</td>
</tr>
<tr>
<td>155</td>
<td>Industrial Location and Regional Development</td>
</tr>
<tr>
<td>159A</td>
<td>Problems in Geography; Urban &amp; Regional Develop Studies</td>
</tr>
<tr>
<td>159B</td>
<td>Problems in Geography: Spatial Demography &amp; Social Processes</td>
</tr>
</tbody>
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### 6 Courses from Environmental Studies & Natural Systems Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>M106</td>
<td>Applied Climatology: Principles of Climate Impact on Natural Environment</td>
</tr>
<tr>
<td>M107</td>
<td>Soil and Water Conservation</td>
</tr>
<tr>
<td>M109</td>
<td>Human Impact on Biophysical Environment: What Science Has Learned</td>
</tr>
<tr>
<td>110</td>
<td>Population and Natural Resources</td>
</tr>
<tr>
<td>113</td>
<td>Humid Tropics</td>
</tr>
<tr>
<td>114</td>
<td>Africa and African Diaspora in Americas</td>
</tr>
<tr>
<td>115</td>
<td>Environmentalism: Past, Present, and Future</td>
</tr>
<tr>
<td>116</td>
<td>Biogeography of Plant and Animal Invasions</td>
</tr>
<tr>
<td>117</td>
<td>Ecosystem Ecology</td>
</tr>
<tr>
<td>120</td>
<td>Conservation of Resources: North America</td>
</tr>
<tr>
<td>121</td>
<td>Conservation of Resources: Underdeveloped World</td>
</tr>
<tr>
<td>122</td>
<td>Wildlife Conservation in Eastern and Southern Africa</td>
</tr>
<tr>
<td>123</td>
<td>Bioresource Management</td>
</tr>
<tr>
<td>124</td>
<td>Environmental Impact Analysis</td>
</tr>
<tr>
<td>125</td>
<td>Health and the Global Environment</td>
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<tr>
<td>126</td>
<td>Geography of Extinction</td>
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<tr>
<td>127</td>
<td>Soils and Environment</td>
</tr>
<tr>
<td>128</td>
<td>Global Environment and Development: Problems and Issues</td>
</tr>
<tr>
<td>129</td>
<td>Seminar: Environmental Studies</td>
</tr>
<tr>
<td>131</td>
<td>Environmental Change</td>
</tr>
<tr>
<td>132</td>
<td>Food and Environment</td>
</tr>
<tr>
<td>135</td>
<td>African Ecology and Development</td>
</tr>
<tr>
<td>136</td>
<td>Technology, Nature, and American Landscape</td>
</tr>
<tr>
<td>M137</td>
<td>Historical Geography of American Environment</td>
</tr>
<tr>
<td>159C</td>
<td>Problems in Geography: Culture and Environment in the Modern World</td>
</tr>
<tr>
<td>159D</td>
<td>Problems in Geography: Physical Geography</td>
</tr>
<tr>
<td>159E</td>
<td>Problems in Geography: Biogeography</td>
</tr>
<tr>
<td>100</td>
<td>Principles of Geomorphology</td>
</tr>
<tr>
<td>101</td>
<td>Coastal Geomorphology</td>
</tr>
<tr>
<td>102</td>
<td>Tropical Climatology</td>
</tr>
<tr>
<td>103</td>
<td>Paleoclimatology and Ice-Age Environments</td>
</tr>
<tr>
<td>104</td>
<td>Climatology</td>
</tr>
<tr>
<td>105</td>
<td>Hydrology</td>
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<tr>
<td>108</td>
<td>World Vegetation</td>
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<tr>
<td>111</td>
<td>Forest Ecosystems</td>
</tr>
<tr>
<td>112</td>
<td>Analytical Animal Geography</td>
</tr>
<tr>
<td>M127</td>
<td>Soils and Environment</td>
</tr>
<tr>
<td>159D</td>
<td>Problems in Geography: Physical Geography</td>
</tr>
</tbody>
</table>

### 2 Procedures Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>162</td>
<td>Glacier Environments of California’s High Sierra</td>
</tr>
<tr>
<td>163</td>
<td>Field Analysis in Biogeography</td>
</tr>
<tr>
<td>166</td>
<td>Environmental Modeling</td>
</tr>
<tr>
<td>167</td>
<td>Cartography</td>
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<tr>
<td>168</td>
<td>Intermediate Geographic Information Systems</td>
</tr>
<tr>
<td>169</td>
<td>Satellite Remote Sensing and Imaging Geographic Information Systems</td>
</tr>
<tr>
<td>170</td>
<td>Advanced Geographic Information Systems</td>
</tr>
<tr>
<td>M171</td>
<td>Introduction to Spatial Statistics</td>
</tr>
<tr>
<td>172</td>
<td>Remote Sensing: Digital Image Processing and Analysis</td>
</tr>
<tr>
<td>173</td>
<td>Geographic Information Systems Programming and Development</td>
</tr>
<tr>
<td>174</td>
<td>Advanced Remote Sensing</td>
</tr>
<tr>
<td>177</td>
<td>Field Methods in Physical Geography</td>
</tr>
</tbody>
</table>

*GEOG 7 is an enforced prerequisite for GEOG 167, 168, and 169 and must be taken prior to enrolling in these courses. Students not taking GEOG 7 to count towards a major/minor may take it for Pass/No Pass.

For a complete list of Geography courses, visit: [www.registrar.ucla.edu/schedule/catsel.aspx](http://www.registrar.ucla.edu/schedule/catsel.aspx)

www.geog.ucla.edu

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