# Scheme of Studies for BS Geography Programme

Total credit hours: 130

## Year 1

### Semester I

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credit</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>GEOG-101</td>
<td>Fundamentals of Geography</td>
<td>3(3-0)</td>
<td>GEOG-102</td>
<td>Physical Geography</td>
<td>3(3-0)</td>
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<tr>
<td>ENG-101</td>
<td>English I</td>
<td>3(3-0)</td>
<td>ENG-102</td>
<td>English II</td>
<td>3(3-0)</td>
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<tr>
<td>BIST-109</td>
<td>Islamic Studies</td>
<td>2(2-0)</td>
<td>PKST. 112</td>
<td>Pakistan Studies</td>
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<td>MATH-101</td>
<td>Algebra and Trigonometry:</td>
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<td>MATH-10</td>
<td>Calculus &amp; Analytical</td>
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<td>GEOL-105*</td>
<td>Introduction to Geology</td>
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<td>ENVR-104</td>
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<td>CHEM-102</td>
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**TOTAL** 17

### Semester II

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<tbody>
<tr>
<td>GEOG-201</td>
<td>Human Geography</td>
<td>3(3-0)</td>
<td>GEOG-230</td>
<td>Geography of Pakistan</td>
<td>3(3-0)</td>
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<td>ENG-201</td>
<td>English III</td>
<td>3(3-0)</td>
<td>GEOG-280</td>
<td>Surveying</td>
<td>3(1+2)</td>
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<tr>
<td>GEOG-221</td>
<td>Map Work</td>
<td>3(3-0)</td>
<td>ENG-202</td>
<td>English IV</td>
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<td>STAT-201*</td>
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<td>PSYC-203</td>
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**TOTAL** 18

## Year 2

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<tr>
<td>GEOG-201</td>
<td>Human Geography</td>
<td>3(3-0)</td>
<td>GEOG-230</td>
<td>Geography of Pakistan</td>
<td>3(3-0)</td>
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<tr>
<td>ENG-201</td>
<td>English III</td>
<td>3(3-0)</td>
<td>GEOG-280</td>
<td>Surveying</td>
<td>3(1+2)</td>
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<td>GEOG-221</td>
<td>Map Work</td>
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<td>ENG-202</td>
<td>English IV</td>
<td>3(3-0)</td>
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<tr>
<td>STAT-201*</td>
<td>Statistics I</td>
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<td>PSYC-203</td>
<td>Psychology</td>
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<td>SOCI-204*</td>
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<td>COMP-202</td>
<td>Introduction to Computer</td>
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**TOTAL** 15
Year 3

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<td>GEOG-301</td>
<td>History and Development of Geographic Thought</td>
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<td>Oceanography</td>
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<td>GEOG-302</td>
<td>Geomorphology</td>
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<td>Environmental Geography</td>
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<td>GEOG-303</td>
<td>Climatology</td>
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<td>GEOG-31</td>
<td>Research Methods</td>
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<td>GEOG-304</td>
<td>Economic Geography</td>
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<td>GEOG-31</td>
<td>Regional Concepts</td>
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<td>GEOG-305</td>
<td>Quantitative Methods</td>
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<td>Geographic Information System</td>
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Year 4

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<tr>
<th>Semester VII</th>
<th>Semester VIII</th>
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<tr>
<td>Course</td>
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<tr>
<td>GEOG-410</td>
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<td>GEOG-411</td>
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<td>GEOG-491</td>
<td>South Asia**</td>
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<tr>
<td>GEOG-422</td>
<td>Cultural Geography*</td>
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<td>GEOG-428</td>
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<tr>
<td>GEOG-493</td>
<td>Demographic</td>
</tr>
<tr>
<td>GEOG-500</td>
<td>Thesis (in lieu of Two papers)</td>
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</tbody>
</table>

**TOTAL** 15

*as notified by the Chairman from list B.

**as notified by the Chairman from list C.

***as notified by the Chairman from list D.

### A: Elective Papers:-

- GEOL. 105 Introduction to Geology
- ENVR. 101 Introduction to Environmental Sciences
- ENVR. 104 Environmental Geology
- CHEM. 102 Physical Chemistry
- CHEM. 101 Inorganic Chemistry
- POL. 201 Political Science
- ECON. 206 Introductory Economics
- PHY. 203 Physics
- PSYC. 203 Psychology
- SOCI. 204 Sociology
- STAT. 201 Statistics I
- STAT. 202 Statistics II

### B: Optional Papers:-

- GEOG. 420 Agricultural Geography
- GEOG. 421 Conservation of Resources
- GEOG. 422 Cultural Geography
- GEOG. 423 Natural Hazards & Disaster Management
- GEOG. 424 Geography of Manufacturing
- GEOG. 425 Hydro Geography
- GEOG. 426 Medical Geography
- GEOG. 427 Pleistocene Geomorphology
- GEOG. 428 Political Geography
- GEOG. 429 Regional Planning Development
- GEOG. 430 Settlement Geography
GEOG. 431 Tourism Geography
GEOG. 432 Transportation Geography
GEOG. 434 QuaternaryGeomorphology
GEOG. 435 Coastal Morphology
GEOG. 436 Fluvial Morphology
GEOG. 437 Glaciology
GEOG. 438 Desert Morphology
GEOG. 439 Soil Geography
GEOG. 440 Meteorology
GEOG. 441 Climate Change Studies
GEOG. 442 Plant Geography
GEOG. 443 Zoo Geography
GEOG. 444 Sedimentation and Stratigraphy
GEOG. 445 Social Geography
GEOG. 446 Geography of Migration and Regional Development
GEOG. 447 Behavioural Geography
GEOG. 448 Historical Geography
GEOG. 449 Geography of Religions
GEOG. 450 Geography of Crimes
GEOG. 451 Gender Geography
GEOG. 452 Geography of Marketing
GEOG. 453 Industrial Geography
GEOG. 454 Urban and rural land use Studies
GEOG. 455 Regional Planning and Development
GEOG. 456 Geography of Housing
GEOG. 457 Geography of Health Care
GEOG. 458 Geography of Nutrition
GEOG. 459 Military Geography
GEOG. 460 Geography of Administration
GEOG. 461 Geo-Archaeology
GEOG. 462 Geography of prehistoric cultures & Civilizations
GEOG. 463 Environmental perceptions in Geography
GEOG. 464 Quantitative Geography
GEOG. 465 Geography of Natural Hazards and Disasters
GEOG. 466 Applied Geomorphology
GEOG. 467 Development Planning
GEOG. 468 Sustainable Development of Natural Resource
GEOG. 469 Environmental Impact Assessment (EIA)
GEOG. 470 Applied Cartography
GEOG. 471 Social Impact Assessment (SIA)
GEOG. 472 Mountain Geography
C: Regional Geography:-

- GEOG. 480 Africa: South of Sahara
- GEOG. 481 Australia
- GEOG. 482 Central Asia
- GEOG. 483 Eastern Asia China, Japan Korea
- GEOG. 484 Europe
- GEOG. 485 Geography of the Muslim World
- GEOG. 486 North African Countries
- GEOG. 487 North America
- GEOG. 488 Russia
- GEOG. 489 S. West Asia
- GEOG. 490 South America
- GEOG. 491 South Asia
- GEOG. 492 South East Asia

Field Survey Report

The students shall carry out field survey on any one of the following fields:

- GEOG. 493. Demographic Survey
- GEOG. 494. Hydrological Survey
- GEOG. 495. Industrial Survey
- GEOG. 496. Land Use Survey
- GEOG. 497. Landforms Survey
- GEOG. 498. Soil Survey
- GEOG. 499. Urban Survey

Each student shall be required to collect data/information pertaining to his/her topic in a selected area/region, tabulate the data and write report on it.

GEOG 500: Thesis
(In lieu of two optional papers in semester VIII)