

| 理工情報生命学術院 生命地球科学群 博士前期課程)<br>Degree Programs in Life and Earth Sciences, Graduate School of Science and Technology (Master's Program) |                          |                                                     |                                                                  |                |                             |                             |                        |                              |                                        | 汎用コンピテンス<br>Generic Competences                                   |                                                                       |                                                                    |                                                       |                                       | 専門コンピテンス<br>Specific Competences                    |                            |                                          |                         |                   |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------|------------------------------------------------------------------|----------------|-----------------------------|-----------------------------|------------------------|------------------------------|----------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------|-----------------------------------------------------|----------------------------|------------------------------------------|-------------------------|-------------------|
| 科目<br>区分<br>Course<br>Category                                                                                                        | 科目番号<br>Course<br>Number | 授業科目の名称<br>Course Name                              | 標準履修<br>年次<br>Standard<br>registra-<br>tion<br>year              | 単位数<br>Credits |                             |                             | 授業形態<br>Course Methods |                              |                                        | 1                                                                 | 2                                                                     | 3                                                                  | 4                                                     | 5                                     | 1                                                   | 2                          | 3                                        | 4                       | 5                 |
|                                                                                                                                       |                          |                                                     |                                                                  | 必修<br>Required | 選択<br>Core<br>Electiv<br>es | 自由<br>Free<br>Electiv<br>es | 講義<br>Lectures         | 演習<br>Class<br>Exercis<br>es | 実験実<br>習<br>Practic<br>al trainin<br>g | 知<br>力の<br>活用<br>力<br>Knowledge<br>applica-<br>tion<br>competence | マ<br>ネ<br>ー<br>ジ<br>メ<br>ン<br>ト<br>能<br>力<br>Management<br>competence | コ<br>ミュ<br>ニ<br>ケー<br>ション<br>能<br>力<br>Communication<br>competence | チ<br>ーム<br>ワ<br>ー<br>ク<br>力<br>Teamwork<br>competence | 国際性<br>Internationality<br>competence | 知識と理解力<br>Knowledge and<br>comprehensive<br>ability | 企画力<br>Planning<br>ability | 問題解決能力<br>Problem-<br>solving<br>ability | 表現力<br>Expressiven<br>s | 創造力<br>Creativity |
| ■地球科学学位プログラム (M) Master's Program in Geosciences                                                                                      |                          |                                                     |                                                                  |                |                             |                             |                        |                              |                                        |                                                                   |                                                                       |                                                                    |                                                       |                                       |                                                     |                            |                                          |                         |                   |
| 専門基礎科<br>目<br>Foundation<br>Subjects<br>for Major                                                                                     | 0ANC001                  | 地球科学のための英語論文の書き方                                    | Writing English Papers in Geosciences                            | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0AND052                  | 環境物質輸送論                                             | Transport Processes in the Terrestrial Environments              | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC003                  | 地球環境科学特論                                            | Special Lecture in Geoenvironmental Sciences                     | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC005                  | 地球環境科学実践実習                                          | Internship (Practical Activities) in Geoenvironmental Sciences   | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC011                  | 地球環境科学特別研究 Ia                                       | Special Study in Geoenvironmental Sciences Ia                    | 1              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC012                  | 地球環境科学特別研究 Ib                                       | Special Study in Geoenvironmental Sciences Ib                    | 1              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC013                  | 地球環境科学特別研究 IIa                                      | Special Study in Geoenvironmental Sciences IIa                   | 2              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC014                  | 地球環境科学特別研究 IIb                                      | Special Study in Geoenvironmental Sciences IIb                   | 2              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC021                  | 地球進化科学特別講義 I                                        | Special Lecture in Earth Evolution Sciences I                    | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC022                  | 地球進化科学特別講義 II                                       | Special Lecture in Earth Evolution Sciences II                   | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC023                  | 地球進化科学特別講義 III                                      | Special Lecture in Earth Evolution Sciences III                  | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC024                  | 地球進化科学特別講義 IV                                       | Special Lecture in Earth Evolution Sciences IV                   | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC025                  | 地球進化科学特別講義 V                                        | Special Lecture in Earth Evolution Sciences V                    | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC026                  | 地球進化科学特別講義 VI                                       | Special Lecture in Earth Evolution Sciences VI                   | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC031                  | 地球進化科学インターンシップ I                                    | Internship in Earth Evolution Sciences I                         | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC032                  | 地球進化科学インターンシップ II                                   | Internship in Earth Evolution Sciences II                        | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            |                                          |                         | ○                 |
|                                                                                                                                       | 0ANC041                  | 地球進化科学特別野外実験                                        | Special Fieldwork in Earth Evolution Sciences                    | 1-2            | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC043                  | 地球進化科学野外実験 I                                        | Fieldwork in Earth Evolution Sciences I                          | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC044                  | 地球進化科学野外実験 II                                       | Fieldwork in Earth Evolution Sciences II                         | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC051                  | 地球進化科学特別研究 Ia                                       | Special Study in Earth Evolution Sciences Ia                     | 1              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC052                  | 地球進化科学特別研究 Ib                                       | Special Study in Earth Evolution Sciences Ib                     | 1              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC053                  | 地球進化科学特別研究 IIa                                      | Special Study in Earth Evolution Sciences IIa                    | 2              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC054                  | 地球進化科学特別研究 IIb                                      | Special Study in Earth Evolution Sciences IIb                    | 2              | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC061                  | 地球進化科学特別演習 Ia                                       | Special Seminar in Earth Evolution Sciences Ia                   | 1              | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC062                  | 地球進化科学特別演習 Ib                                       | Special Seminar in Earth Evolution Sciences Ib                   | 1              | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC063                  | 地球進化科学特別演習 IIa                                      | Special Seminar in Earth Evolution Sciences IIa                  | 2              | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC064                  | 地球進化科学特別演習 IIb                                      | Special Seminar in Earth Evolution Sciences IIb                  | 2              | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC071                  | 地球進化科学実験実習 I                                        | Practical Seminar in Earth Evolution Sciences I                  | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
| 0ANC072                                                                                                                               | 地球進化科学実験実習 II            | Practical Seminar in Earth Evolution Sciences II    | 1-2                                                              | 1              |                             |                             |                        | ○                            | ○                                      |                                                                   |                                                                       |                                                                    |                                                       | ○                                     |                                                     | ○                          | ○                                        | ○                       |                   |
| 専門応用科<br>目<br>Major Core<br>Subjects                                                                                                  | 0ANC301                  | 地球環境科学演習 I                                          | Special Seminar in Geoenvironmental Sciences I                   | 1-2            | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC302                  | 地球環境科学演習 II                                         | Special Seminar in Geoenvironmental Sciences II                  | 1-2            | 3                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC311                  | 人文地理学方法論 I                                          | Methodology of Human Geography I                                 | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC312                  | 人文地理学方法論 II                                         | Methodology of Human Geography II                                | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC316                  | 人文地理学野外実験 I                                         | Field Work in Human Geography I                                  | 1-2            | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC317                  | 人文地理学野外実験 II                                        | Field Work in Human Geography II                                 | 1-2            | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC318                  | 人文地理学特別講義 I                                         | Special Lectures in Human Geography I                            | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC319                  | 人文地理学特別講義 II                                        | Special Lectures in Human Geography II                           | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC321                  | 地誌学方法論                                              | Methodology of Regional Geography                                | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC322                  | 地域動態論                                               | Lecture on Regional Dynamics                                     | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC326                  | 地誌学野外実験 I                                           | Field Work in Regional Geography I                               | 1-2            | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC327                  | 地誌学野外実験 II                                          | Field Work in Regional Geography II                              | 1-2            | 2                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC328                  | 地誌学特別講義 I                                           | Special Lecture in Regional Geography I                          | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC329                  | 地誌学特別講義 II                                          | Special Lecture in Regional Geography II                         | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC331                  | 侵食地形論                                               | Lecture on Weathering and Soil Erosion                           | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC332                  | 堆積地形論                                               | Lecture on Sedimentary Geomorphology                             | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC342                  | 山岳地形学                                               | Lecture on Mountain Geomorphology                                | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC333                  | Hillslope geomorphology and hazards                 |                                                                  | 1-2            | 1                           |                             |                        | ○                            |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC336                  | 地形学野外実験 I                                           | Field Work in Geomorphology I                                    | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC337                  | 地形学野外実験 II                                          | Field Work in Geomorphology II                                   | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC338                  | 地形学特別講義 I                                           | Special Lecture in Geomorphology I                               | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC339                  | 地形学特別講義 II                                          | Special Lecture in Geomorphology II                              | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC341                  | 流域圏水循環学                                             | Basin Area Hydrology                                             | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC342                  | 水文学野外実験 I                                           | Field Work in Hydrological Sciences I                            | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC343                  | 水文学野外実験 II                                          | Field Work in Hydrological Sciences II                           | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC346                  | 大気境界層水文学                                            | Hydrology in the Atmospheric Boundary Layer                      | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC347                  | 水文気象学                                               | Hydrometeorology                                                 | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC348                  | 水文学特別講義 I                                           | Special Lecture in Hydrological Sciences I                       | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC349                  | 水文学特別講義 II                                          | Special Lecture in Hydrological Sciences II                      | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC351                  | 気候学研究法                                              | Methodology in Climatology                                       | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC352                  | 気象学研究法                                              | Methodology in Meteorology                                       | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC353                  | 大気陸面過程論                                             | Land-atmosphere Interaction Processes                            | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC354                  | 大気循環論                                               | General Circulation of the Atmosphere                            | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC356                  | 大気科学実験 I                                            | Field and Laboratory Work in Atmospheric Sciences I              | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC357                  | 大気科学実験 II                                           | Field and Laboratory Work in Atmospheric Sciences II             | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC358                  | 大気科学特別講義 I                                          | Special Lecture in Atmospheric Sciences I                        | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC359                  | 大気科学特別講義 II                                         | Special Lecture in Atmospheric Sciences II                       | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC361                  | 空間情報科学研究法 I                                         | Methodology in Geographical Information Science I                | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC362                  | 空間情報科学研究法 II                                        | Methodology in Geographical Information Science II               | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC363                  | 空間情報科学研究法 III                                       | Methodology in Geographical Information Science III              | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC366                  | 空間情報科学実験 I                                          | Field and Laboratory Work in Geographical Information Science I  | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC367                  | 空間情報科学実験 II                                         | Field and Laboratory Work in Geographical Information Science II | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC368                  | 空間情報科学特別講義 I                                        | Special Lecture in Geographical Information Science I            | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC369                  | 空間情報科学特別講義 II                                       | Special Lecture in Geographical Information Science II           | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC371                  | 原子力環境影響評価論 I                                        | Environmental Assessment and Prognosis for Nuclear Emergency I   | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC372                  | 原子力環境影響評価論 II                                       | Environmental Assessment and Prognosis for Nuclear Emergency II  | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC373                  | 地質災害・地層環境評価論                                        | Environmental Assessment and Prognosis for geological hazard     | 1-2            | 1                           |                             | ○                      |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC374                  | 原子力災害特別セミナー                                         | Special Seminar in Nuclear Emergency                             | 1-2            | 1                           |                             |                        |                              |                                        | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC376                  | 環境動態解析学野外実験 I                                       | Field Work in Analysis of Environmental Dynamics I               | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC377                  | 環境動態解析学野外実験 II                                      | Field Work in Analysis of Environmental Dynamics II              | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       | ○                                                                  |                                                       |                                       | ○                                                   |                            | ○                                        | ○                       | ○                 |
|                                                                                                                                       | 0ANC381                  | 水災害科学 I                                             | Lecture in Water-related Disaster Science I                      | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC382                  | 水災害科学 II                                            | Lecture in Water-related Disaster Science II                     | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC383                  | 水災害科学 III                                           | Lecture in Water-related Disaster Science III                    | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC391                  | 海洋大気相互システム論 I                                       | Lecture in Ocean-Atmosphere Interaction Systems I                | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
|                                                                                                                                       | 0ANC392                  | 海洋大気相互システム論 II                                      | Lecture in Ocean-Atmosphere Interaction Systems II               | 1-2            | 1                           |                             |                        |                              | ○                                      | ○                                                                 |                                                                       |                                                                    |                                                       |                                       | ○                                                   |                            |                                          | ○                       |                   |
| 0ANC393                                                                                                                               | 海洋大気相互システム論 III          | Lecture in Ocean-Atmosphere Interaction Systems III | 1-2                                                              | 1              |                             |                             |                        |                              |                                        |                                                                   |                                                                       |                                                                    |                                                       |                                       |                                                     |                            |                                          |                         |                   |