

# ATM S 2018-19 Teaching Schedule

| Autumn 2018                             |                                    |                | Winter 2019 |                                |                    | Spring 2019 |                               |             |
|---|------------------------------------|----------------|-------------|--------------------------------|--------------------|-------------|-------------------------------|-------------|
| <b>Undergraduate non-major courses</b>  |                                    |                |             |                                |                    |             |                               |             |
| 101                                     | Weather                            | Hakim          | 101         | Weather                        | Mass               | 103         | Hurricanes & Thunderstorms    | Kim         |
| 111                                     | Global Warming                     | Frierson       | 111         | Global Warming                 | Huybers            | 111         | Global Warming                | Huybers     |
| 211                                     | Cimate & Climate Change            | Alexander      | 220         | Exploring the ATMS             | Frierson           | 211         | Climate & Climate Change      | Thornton    |
| 220                                     | Exploring the ATMS                 | Schmeisse      | 290         | The Weather Challenge          | McMurdie           | 220         | Exploring the ATMS            | Pennypacker |
| 290                                     | The Weather Challenge              | McMurdie       | 490         | Non-Major Weather Analysis     | Conrick            | 490         | Non-Major Weather Analysis    | Conrick     |
| 490                                     | Non-Major Weather Analysis         | Metz           | 495         | EarthGames                     | Frierson           | 495         | EarthGames                    | Frierson    |
| 495                                     | EarthGames                         | Frierson       |             |                                |                    |             |                               |             |
| <b>Undergraduate major courses</b>      |                                    |                |             |                                |                    |             |                               |             |
| 301                                     | Intro to Atmosphere Science        | Chen           | 340         | Intro Thermo & Cloud Proc      | Bitz               | 321         | The Science of Climate        | Hartmann    |
| 350                                     | Ecological Climatology             | Swann          | 370         | Atmos Structure & Analysis     | Hakim/McMurdie     | 341         | Atmos Radiative Transfer      | Fu          |
| 431                                     | Boundary-Layer Meteorology         | Fu             | 380         | Weather & Climate Prediction   | Kim                | 358         | Fundamen Atmos Chem           | Alexander   |
| 441 (503)                               | Atmospheric Motions I              | Kim            | 442 (504)   | Atmospheric Motions II         | Battisti/McMurdie  | 452         | Wea Fore & Adv Syn Met        | Mass/Bond   |
| 458                                     | Air Pollution Chemistry            | Thornton       | 451         | Instruments & Observations     | Thornton/Alexander | 490         | Current Weather Analysis      | Conrick     |
| 487                                     | Fund of Climate Change             | Armour         | 480         | Air-Quality Modeling           | CEE (Larson)       |             |                               |             |
| 490                                     | Current Weather Analysis           | Metz           | 490         | Current Weather Analysis       | Conrick            |             |                               |             |
| <b>Graduate required courses</b>        |                                    |                |             |                                |                    |             |                               |             |
| 501                                     | Fund of Phys & Chem of Atmos       | Hartmann       | 509         | Geophysical Fluid Dynamics     | Ocean (Gray)       | 502         | Intro Synoptic Meteorology    | McMurdie    |
| 505                                     | Intro Fluid Dynamics               | Ocean (Parker) | 532         | Intro to Atmospheric Radiation | Fu                 | 535         | Cloud Microphys & Dynamics    | Wood        |
|   |                                    |                | 558         | Atmospheric Chemistry          | Jaegle             | 542         | Synoptic & Meso Dyn           | Hakim       |
| <b>Graduate elective courses</b>        |                                    |                |             |                                |                    |             |                               |             |
| 503 (441)                               | Atmosperic Motion I                | Kim            | 504 (442)   | Atmospheric Motions II         | Battisti/McMurdie  | 559         | Climate Modeling              | Frierson    |
| 551                                     | Atmospheric Structure & Analysis I | Mass           | 519         | Scientific Writing             | Warren             | 560         | Atmosphere/Ocean Interactions | Battisti    |
| 587                                     | Fund of Climate Change             | Armour         | 545         | Gen Circulation                | Bretherton         | 581         | Num Analy of Time Dep Prob    | AMATH       |
| 591                                     | Ecological Climatology             | Swann          | 552         | Objective Analysis             | Hartmann           |             |                               |             |
| 591 (565)                               | Atmospheric Chem Modeling          | Jaegle         | 588         | Global Carbon Cycle & Clim     | Swann              |             |                               |             |
| <b>Graduate Seminars and Colloquium</b> |                                    |                |             |                                |                    |             |                               |             |
| 520                                     | ATMS Colloquium                    | Bitz           | 520         | ATMS Colloquium                | Battisti           | 520         | ATMS Colloquium               | Swann       |
| 521                                     | Sem in Atmos & Clim Dyn            | Hartmann       | 521         | Sem in Atmos & Clim Dyn        | Hakim              | 521         | Sem in Atmos & Clim Dyn       | Kim         |
| 523                                     | Sem In Atmos Phys & Chem           | Alexander      | 523         | Sem In Atmos Phys & Chem       | Thornton           | 523         | Sem In Atmos Phys & Chem      | Bretherton  |
| <b>Sabbatical, Buy-out &amp; Leave</b>  |                                    |                |             |                                |                    |             |                               |             |
| Battisti                                |                                    |                |             |                                |                    | Jaegle      |                               |             |

Schedule is subject to change