Course Plan for Progressive Degree Students

As a PDP student, you have several choices for course plan for the Master of Science in Neuroimaging and Informatics program (NIIN). In each situation, you would apply to our program in the Spring of your junior year.

You may take no more than two NIIN classes while still considered to be an undergraduate. A progressive degree student transitions from undergraduate to graduate class level as soon as either of the following conditions is met:

- The Bachelor degree is conferred
- The student earns a total of 144 units.

Required classes - All of our classes are a required part of our program except for the electives listed below. Class descriptions can be found on our website: http://niin.usc.edu/about#curriculum

- Fall
    - NIIN 500 Neuroimaging and Systems Neuroscience
    - NIIN 510 Fundamentals of Human Neuroimaging
    - NIIN 530 Neuroimaging Data Acquisition with Magnetic Resonance Imaging
    - NIIN 540 Neuroimaging Data Processing Methods
    - NIIN 597 Current Topics in Neuroimaging Informatics
- Spring
    - NIIN 520 Experimental Design for Neuroimaging
    - NIIN 550 Computational Modeling in Neuroimaging
    - NIIN 570 Neuroimaging Genetics
    - NIIN 600 Science Communications

Electives – for the spring term, please choose one of the following electives:

- NIIN560 - Brain Architecture and Neuroanatomic Exploratory Techniques in Animal Models

    OR

- NIIN580 Data Science in Neuroimaging

Options for your course plan

- **Complete all undergraduate classes first** as a senior, then begin your NIIN classes after you complete your undergraduate classes. Some students prefer this plan so they don't have to travel between campuses and can fully belong to one NIIN graduating class. Any seniors who are applying through the PDP will use this option.
  - **Course plan:**
    - Take the NIIN classes in order as listed above and on our website (http://niin.usc.edu/about#curriculum). For the spring term, you will choose *either* NIIN560 or NIIN580.

- **Take one NIIN class while an undergrad – in the fall**
  - **Course plan:**
    - Fall – take NIIN540
    - After you complete your undergraduate classes, take the rest of the NIIN classes as listed. In the spring term choose *either* NIIN560 or NIIN580.

- **Take one NIIN class while an undergrad – in the spring**
  - **Course plan:**
    - Spring – take either NIIN570 or NIIN560. Only choose NIIN560 if you don't plan to take NIIN580 (Data Science in Neuroimaging).
    - After you complete your undergraduate classes, take the rest of the NIIN classes as listed. In the spring term choose *either* NIIN560 or NIIN580.

- **Take two NIIN classes while an undergrad – one per term:** Take one NIIN class in the fall of your senior year and one class in spring of your senior year.
  - **Course plan:**
    - Fall – take NIIN510
    - Spring – take NIIN 520
    - After you complete your undergraduate classes, take the rest of the NIIN classes as listed. In the spring term choose *either* NIIN560 or NIIN580.

- **Take two NIIN classes while an undergrad – both in fall**
  - **Course plan:**
    - Fall – Take NIIN 530 and NIIN 540
    - After you complete your undergraduate classes, take the rest of the NIIN classes as listed. In the spring term choose *either* NIIN560 or NIIN580.

- **Take two NIIN classes while an undergrad – both in the spring term** – only recommended if you plan to choose NIIN560 as your elective.
  - **Course plan**
    - Spring – Take NIIN570 and NIIN560
    - If you plan to take NIIN580 (Data Science in Neuroimaging) as your elective instead of NIIN560, this option is not recommended.
    - After you complete your undergraduate classes, take the rest of the NIIN classes as listed *except* NIIN580.