**Course Sequence for PhD in I/O Psychology**

*For full time students entering* ***FIRST YEAR***

**Data Science Specialization**

**Year ONE**

|  |  |
| --- | --- |
| Fall 12 credits  Research Methods in Psychology (PSYC 510)  Quantitative & Statistical Methods (PSYC 550)  Work Attitudes & Motivation (PSYC 585)  Achieving Comp Advantage (MGMT 561) 1.5 cr  Strategic HR (MGMT 570) 1.5 cr | Spring 12 credits  Psychometrics (PSYC 578)  Performance Management (PSYC 584)  Interventions For Effective Orgs (PSYC 631)  Data Science (PSYC 546) |

**Year TWO**

|  |  |
| --- | --- |
| Fall 9 credits  Personnel Psychology (PSYC 559)  Leadership Theory and Development (PSYC 633)  I/O Research Seminar Readings (PSYC 691) | Spring 11 credits  Group Theory & Dev in Orgs (PSYC 632)  I/O Research Seminar Defense (PSYC 692)  Independent Study (PSYC 663) 1 cr  Python Programming (CSIT 505) 4 cr |

**Year THREE**

|  |  |
| --- | --- |
| Fall 10 credits  Multivariate Statistics (PSYC 739)  Consulting Skills in Orgs (PSYC 855)  Data Structures in Python (CSIT 506) 4 cr | Spring 9 credits  Theory Building & Model Testing (PSYC 740) - OR - Hierarchical Linear Modeling (PSYC 741)  Occupational Health Psych (PSYC 857)  Database Systems (CSIT 555) |

**Year FOUR**

|  |  |
| --- | --- |
| Fall 9 credits  Introduction to Data Science (CSIT 556)  Dissertation (PSYC 900) 6 cr | Spring 9 credits  Advanced Techniques in Data Science (CSIT 557)  Dissertation (PSYC 900) 6 cr |

**Course Sequence for PhD in I/O Psychology**

*For full time students entering* ***SECOND YEAR*** *(MSU MA Students ONLY)*

**Data Science Specialization**

**Year TWO**

|  |  |
| --- | --- |
| Fall 12 credits  Personnel Psychology (PSYC 559)  Leadership Theory and Development (PSYC 633)  I/O Research Seminar Readings (PSYC 691) Achieving Comp Advantage (MGMT 561) 1.5 cr  Strategic HR (MGMT 570) 1.5 cr | Spring 14 credits  Groups (PSYC 632)  I/O Research Seminar Defense (PSYC 692)  Data Science (PSYC 546)  Independent Study (PSYC 663) 1 cr  Python Programming (CSIT 505) 4 cr |

**Year THREE**

|  |  |
| --- | --- |
| Fall 10 credits  Multivariate Statistics (PSYC 739)  Consulting Skills in Orgs (PSYC 855)  Data Structures in Python (CSIT 506) 4 cr | Spring 9 credits  Theory Building & Model Testing (PSYC 740) - OR - Hierarchical Linear Modeling (PSYC 741)  Occupational Health Psych (PSYC 857)  Database Systems (CSIT 555) |

**Year FOUR**

|  |  |
| --- | --- |
| Fall 9 credits  Introduction to Data Science (CSIT 556)  Dissertation (PSYC 900) 6 cr | Spring 9 credits  Advanced Techniques in Data Science (CSIT 557)  Dissertation (PSYC 900) 6 cr |

**Course Sequence for PhD in I/O Psychology**

*For full time students entering* ***THIRD YEAR*** *(MSU MA Students ONLY)*

**Data Science Specialization**

**Year THREE**

|  |  |
| --- | --- |
| Fall 10 credits  Multivariate Statistics (PSYC 739)  Achieving Comp Advantage (MGMT 561) 1.5 cr  Strategic HR (MGMT 570) 1.5 cr  Data Structures in Python (CSIT 506) 4 cr | Spring 11 credits  Theory Building & Model Testing (PSYC 740) - OR - Hierarchical Linear Modeling (PSYC 741)  \*Data Science (PSYC 546)  Independent Study (PSYC 663) 1 cr  Python Programming (CSIT 505) 4 cr |

*\*Might have taken PSYC 546 with MA*

**Year FOUR**

|  |  |
| --- | --- |
| Fall 9 credits  Consulting Skills in Orgs (PSYC 855)  Database Systems (CSIT 555)  Introduction to Data Science (CSIT 556)  *Should be taking prelim exam* | Spring 6 credits  Occupational Health Psych (PSYC 857)  Advanced Techniques in Data Science (CSIT 557) |

\*Check with VALENTE to see if Spring year FOUR will be ok with just 6 credits

**Year FIVE**

|  |  |
| --- | --- |
| Fall 6 credits cr  Dissertation (PSYC 900) 6 cr | Spring 6 credits cr  Dissertation (PSYC 900) 6 cr |