**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 crStrategic 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 crPython 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 creditsAdvanced 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 crStrategic 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 crPython 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 creditsMultivariate Statistics (PSYC 739) Achieving Comp Advantage (MGMT 561) 1.5 crStrategic 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 crPython Programming (CSIT 505) 4 cr |

*\*Might have taken PSYC 546 with MA*

**Year FOUR**

|  |  |
| --- | --- |
| Fall 9 creditsConsulting 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 crDissertation (PSYC 900) 6 cr | Spring 6 credits crDissertation (PSYC 900) 6 cr |