



**PLAN OF STUDY
 SPRING 2017**

MASTER OF SCIENCE IN DATA ANALYTICS
 School of Informatics and Computing (SoIC)

MS: 30 Credit Hours
<ul style="list-style-type: none"> • Informatics Core (15 cr.): INFO I501, LIS S517, NEWM N510 (or INFO B512/B556), INFO B505, INFO H515 • Data Analytics Core (9 cr.): INFO H517 (or I590), INFO I575 (or PBHL B561, PSY 60100, STAT S520), H516

Full-time plan for graduation in a year and a half (e.g., from August 2016 to December 2017)

SPRING	SUMMER	FALL	SPRING
<ul style="list-style-type: none"> • INFO I501* Introduction to Informatics [S. Purkayastha] • PBHL B561 Introduction to Biostatistics I [S Li] (Equivalent: I575 Informatics Research Design, PSY 60100, IUB's STAT S520) • INFO B512 Scientific and Clinical Data Management (Equivalent: INFO B556 Biological Database Management) 	<ul style="list-style-type: none"> • INFO B505* Informatics Project Mgmt [BHI instructor] 	<ul style="list-style-type: none"> • INFO H515* Introduction to Data Analytics • INFO H517 Visualization Design, Analysis, and Evaluation [K. Reda] • LIS S517* Web Programming [W. Helling] 	<ul style="list-style-type: none"> • INFO H516 Applied Cloud Computing for Data Intensive Sciences • Elective (3 cr.) • Elective (3 cr.)
<i>Electives Available in Fall or Spring</i> <ul style="list-style-type: none"> • INFO B519 Introduction to Bioinformatics • INFO B530 Foundations of Health Informatics • INFO B573 Programming for Science Informatics • INFO B578 Data Analysis for Clinical and Administrative Decision-Making • INFO H541 Interaction Design Practice • LIS S503 Organization and Representation of Knowledge and Information 		<i>Electives Available in Summer, Fall, and Spring:</i> <ul style="list-style-type: none"> • INFO I595 Professional Internship (3-6 cr.) • INFO H698 Research in Informatics (3-6 cr.) 	

Detailed schedule of each course is updated and published every semester on the [IUPUI Registrar website](#).

Internship (INFO I595)
(Equivalent to Elective Courses)

The Informatics Career Services Office assists students with finding Internships (e.g., summer semesters) to gain valuable professional experience within the industry prior to graduation. **Up to 6 credits of internships (course INFO I595) may be counted towards elective credits. Credit for an internship should be requested prior to the starting date of the internship since retro-credit is not permitted.** Once approved, authorization is given to register for an online credit internship course. Please contact **Career Services (soicco@iupui.edu)** to learn more about internship opportunities and the credit internship evaluation and approval process.