Draft: April 5, 2015 – final

Bachelor of Science in Informatics

and

Master of Jurisprudence

Indiana University School of Informatics and Computing, IUPUI, and the Robert H. McKinney School of Law, Indiana University, Indianapolis

Fall 2015

Integrated Bachelor of Science in Informatics and Master of Jurisprudence

Signature Sheet

Degree Title: Existing Degrees – Bachelor of Science in Informatics and Master of Jurisprudence, Indiana University School of Informatics and Computing, IUPUI, and Robert H. McKinney School of Law, Indiana University, Indianapolis

_____   _____

Signature of Executive Associate Dean   Date

IU School of Informatics and Computing, IUPUI

_____   _____

Signature of Associate Dean for Academic Affairs   Date

IU School of Informatics and Computing, IUPUI

_____   _____

Signature of Dean   Date

Robert H. McKinney School of Law, Indiana University, Indianapolis

_____   _____

Dean of the Graduate School   Date

_____   _____

Provost   Date

Proposal Summary

The Indiana University School of Informatics and Computing, IUPUI, and the Robert H. McKinney School of Law, Indiana University, Indianapolis, propose a five-year integrated BS/MJ degree program in which students will receive both the Bachelor of Science in Informatics and the Master of Jurisprudence (MJ). By designing a seamless transition from the BS in Informatics to the MJ curriculum, it is expected that the program will graduate students who meet all of the requirements for both degrees. The availability of the integrated degree program is also expected to enhance the student recruitment and retention capabilities of both schools.

This is a unique opportunity, because a similar dual degree program does not currently exist in competing institutions in the U.S. Because this is a combination of two existing degrees, no new resources or faculty are needed. Instead, this proposal represents a way to streamline the educational process for students who want to pursue both degrees. As a combination of two unique degrees that are flexible, scalable, and interdisciplinary, this proposal attempts to get out in front of the marketplace in preparing students for future careers. From the BS in Informatics, the student will have significant technology skills as well as focus on a particular discipline or domain through his or her chosen area of specialization. The MJ degree then allows the student to select courses in the law related to that discipline or domain. For example, students in the BS/MJ joint degree program may choose to combine their informatics degree with courses in environmental law, human resources law, health law, or international law. The prediction from the literature is that one of the growth areas in law-related careers is going to be law+tech, which is precisely what the BS/MJ joint degree program embodies.

The field of informatics continues to grow and impact industries where the use, sharing, and protection of data are paramount to the success of an organization. In an industry as complex as the legal profession, having an increased depth and understanding of the law and how the legal system operates provides a level of expertise in the implementation and support of new software and technologies to manage the vast amount of information that flows through the organization.

The combination of the BS in Informatics and MJ degrees qualifies graduates for a variety of unique positions listed below with starting salary ranges. Students would be best prepared for these positions by choosing legal informatics as their area of specialization within the BS degree, where the courses are carefully tailored to address legal technology and how legal data is preserved and analyzed. These positions are unique to the legal industry:

- e-Discovery Professional: Reported salary ranges $65,000 – $125,000[1]
- Knowledge Management Analyst: Reported salary ranges $65,000 – $78,000
- Legal Analyst: Reported salary ranges $59,000 – $75,000
- Legal Technology Analyst: Reported Salary ranges $60,000 – $80,000
- Trial Service Analyst: Reported salary ranges $65,000 – $80,000

Although these starting salaries average at least $16,000 higher than typical starting salaries for the BS in Informatics, the key point is that the MJ appeals to those student who prefer to work in technology areas other than those typically associated with the BS, such as software development.

Consistent with IUPUI's vision and mission, the proposed program will provide students with intensive training and opportunities to perform supervised research. The primary benefit to students is the option to receive two degrees in a shorter time than it would take to pursue the degrees separately. This application proposes a fully integrated five-year curriculum, including undergraduate and graduate level courses, which will aid the students in developing a frame of mind and a set of tools that enable them to apply fundamental informatics principles to solve real-world problems in advanced application areas centered around legal issues in a number of disciplines. Students who complete the program will have higher credentials and be able to contribute more quickly and effectively to their employer's mission. The integrated five-year BS/MJ program has several salient features that are attractive to prospective students: better career and career growth opportunities; both breadth in informatics fundamentals (BS) and depth in application skill sets with a focus on legal issues (MJ); and better prepared to meet employment challenges. This is especially true because not only do legal issues permeate a wide variety of disciplines and roles, but it is predicted that the majority of growth in law-related careers will be at the intersection of law and technology. Such an innovative program is important for attracting domestic students to graduate studies, especially from central Indiana and the city of Indianapolis.

By its condensed nature, the Schools of Informatics and Computing and Law expect to attract students who are ready to commit to a serious and intensive course of study. The schools expect the matriculation of these students will serve to enhance the quality of both the undergraduate and graduate degree programs in which they are enrolled. A sample program of study is included at the end of this document.

Degrees to Be Conferred

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[1] Ranked first in among legal careers for non-lawyers for career prospects:
http://legalcareers.about.com/od/careerprofiles/tp/8-Legal-Careers-.htm

Successful students will leave this program with two degrees: a Bachelor of Science in Informatics and a Master of Jurisprudence. These two programs currently exist.

Rationale and Demand for this Integrated Degree Program

The Indiana University School of Informatics and Computing was the first school of informatics to be established in the United States. As similar programs arise, both within the U.S. and abroad, the IU School of Informatics and Computing is challenged to provide innovative strategies to meet the needs of the changing education consumer. The five-year BS/MJ program will provide a seamless integration of broad-level information technology background in the BS program followed by a deep level of law-related knowledge guided by the career goals of students. This would give our graduates the perfect blend of law and technology, essentially creating professionals in a wide variety of disciplines and fields with a solid IT background as well as the deeper knowledge on how to apply IT in various application areas ranging from the health sciences to cybercrime.

The BS/MJ supports careers combining the law and IT in government, commerce, banking and investment, and nonprofit organizations, including regulatory work, utility licensing, and communication licensing, and work related to health, environment, and intellectual property. Positions include, in addition to those listed in the Proposal Summary, Compliance Managers, Fraud Examiners, Investigators and Analysts, Intelligence Analysts, and Regulatory Affairs Managers. Positions advertised locally that would be enriched by the BS/MJ degrees include IT Compliance Analyst, IT Human Resources Director, Law Enforcement Intelligence Analyst, Software Implementation Project Manager, and Software Patent Agent.

The proposed five-year, integrated BS/MJ degree program is expected to attract both the high quality American student responding to the need to complete two degrees while minimizing costs—and to international students seeking to minimize the considerable costs associated with living abroad while completing two degree programs in the United States. The proposed program will benefit both of these student cohorts while minimizing the investment of time and financial resources necessary to fulfill the degree requirements.

Objectives of the Integrated Degree Program

The proposed integrated degree program will provide both intensive education and supervised research opportunities to high quality students who are serious about committing to this program. The students will receive two degrees in a five-year period and will save time and money because a reduced number of credit hours are required for both degrees. The proposed program will help the IU School of

Informatics and Computing and the Robert H. McKinney School of Law to recruit and retain superior students who will receive both BS and MJ degrees in five years.

Proposed Program Structure

A. Admission requirement. Students will be admitted to the IU School of Informatics and Computing under the guidelines that currently exist for admitting traditional BS students. The sequence of courses that they will take in the first three years will be identical to the courses taken by traditional Informatics majors. The students will be made aware of the option to pursue the integrated degree program during their first year and counseled appropriately if they wish to pursue it. It must be emphasized that the program is not meant for every Informatics student; rather, it is intended for those who demonstrate the capacity through their track record to undertake the academic rigor necessary to be successful in both degree programs. Therefore, the School anticipates that only highly motivated students would be counseled to apply for the integrated degree program.

Students interested in applying for the integrated degree program will do so during the sixth semester in their BS program. Admissions decisions will be made by the MJ Admissions Committee as part of the regular admissions process for all MJ applicants.

Those students who might be interested in the dual degree include students whose foundation in informatics as it relates to a particular disciplinary focus will be further enhanced by a deeper understanding of the law as it relates to that disciplinary focus. For example, a student who is working on their bachelor's degree in informatics with a focus on cybersecurity as it relates to healthcare can benefit from further understanding of healthcare law and the protections afforded to the intellectual property created in health research institutions or the concern for privacy issues related to healthcare administration.

This concern for adhering to legal privacy standards extends to other disciplines, including law office management or technical support including in-house security. The advantages of this dual degree would also extend to those involved in commerce and the business world, government, and media, where knowledge about the legal issues related to handling data within social media such as blogging and other communications has become more important.

Due to the individualized nature of the MJ program, only two courses are required. The remaining courses will be determined by the student with the assistance of a faculty advisor, who will be assigned based on the student's area of interest.

B. Degree Requirements. The proposed curriculum includes all the core undergraduate courses that are currently required for Informatics BS majors and all the current graduate course requirements for the Master of Jurisprudence degree.

To be admitted to the program, students will be required to maintain a minimum GPA of 3.0 for the first 73 credit hours of coursework (normally the end of fifth semester) in the plan of study.

The total credit hours required for this integrated-degree program will be 136 hours for those students awarded the BS/MJ. For reference, the Bachelor of Science in Informatics requires 120 hours and the MJ 30 hours, for a total of 150 hours. The integrated program is constructed to exploit an overlap economy, thereby reducing the number of required hours to 136 hours. Specifically, the undergraduate BS in Informatics requires a minimum of 15 hours of general electives. The proposed reduction in total credit hours is made possible by waiving 12 of those 15 general elective credit hours. (See BS Informatics/MJ Five-Year Plan of Study on pp. 18–20.)

Successful completion of the graduate program requires at least a 3.0 undergraduate GPA and a 2.3 graduate GPA. Courses with a grade of C– or less must be retaken to count towards the MJ degree. The minimum grade that will be accepted in any single course is C.

C. Scope and Size of the Program. The program should be attractive to Informatics students: There have been inquiries on using the graduate courses taken in students' senior years towards their Informatics degrees. During the initial years, it is expected that the program will attract at least five students per year for a period of four years. This will increase to ten students per year during the following years. The first group of students will graduate after the fifth year following the start of the program.

D. Administrative Structure. There will be two plans of study for students in this program:

1) a BS plan of study that will be filed no later than one semester before completing the BS degree requirements (normally in seventh semester), and will include the 12 credit hours of graduate courses to be taken in place of the undergraduate general electives, and 2) an MJ plan of study that will be completed after the completion of the BS plan of study (normally in ninth semester).

The two plans of study to be maintained are attached to this document, where the four overlapping courses (12 credit hours) are indicated in both BS and MJ plans. Granting of the BS diploma will be delayed until the MJ is completed, unless the

student withdraws from the program. A sample plan illustrating a semester-by-semester distribution of the courses is also attached.

A minimum GPA of 3.0 will be required for the BS program and a minimum of 2.3 will be required for the MJ program.

The program is designed such that a student in the program will be able to switch to the traditional BS in Informatics program at any time to receive a BS in Informatics degree.

Students will receive both degrees together, upon completion of the requisite credit hours. As previously described, if a student decides to leave the program, he/she will still be eligible to receive the BS degree. Also, if the student's performance is judged by the Graduate Committee to be unsatisfactory for the integrated degree program in that the minimum grade requirements of at least a 3.0 GPA for the BS degree and a 2.3 for the law school courses are not met, the student will still be able to receive a BS in Informatics upon completion of all the requirements for that degree.

This degree program will be offered only on the IUPUI campus.

IU School of Informatics and Computing @ IUPUI

BACHELOR OF SCIENCE IN INFORMATICS

Adopted - Fall 2015

REQUIRED CORE A [53 credit hours]

INFO	I100	First-Year Experience	1	___ ___ ___
INFO	I101	Introduction to Informatics	4	___ ___ ___
INFO	I123	Data Fluency	3	___ ___ ___
INFO	I201	Mathematical Foundations of Informatics	4	___ ___ ___
INFO	I202	Social Informatics	3	___ ___ ___
INFO	I210	Information Infrastructure I	4	___ ___ ___
INFO	I211	Information Infrastructure II (P: INFO I210)	4	___ ___ ___
INFO	I270	Introduction to Human–Computer Interaction	3	___ ___ ___
INFO	I303	Organizational Informatics (P: INFO I202)	3	___ ___ ___
INFO	I305	Introduction to Research in Informatics (P: INFO I123)	3	___ ___ ___
INFO	I308	Information Representation	3	___ ___ ___
INFO	I402	Project Management (P: Sophomore Standing)	3	___ ___ ___
INFO	I421	Applications of Data Mining (P: INFO I123, I308, NEWM N221)	3	___ ___ ___
INFO	I425	Web Services in Information Systems (P: INFO I211, I308)	3	___ ___ ___
INFO	I453	Computer and Information Ethics (P: Junior standing)	3	___ ___ ___
NEWM	N299	Directed Study II (P: INFO I101)	2	___ ___ ___
INFO	Y395	Career Development for Informatics Majors (P: N299)	1	___ ___ ___
NEWM	N221	Media Applications I (P: INFO I101)	3	___ ___ ___

REQUIRED CORE B [6 credit hours]

Select two INFO or NEWM courses at the 300-level or above.

_____	3	___ ___ ___
_____	3	___ ___ ___

REQUIRED CAPSTONE [6 credit hours]

I491	Capstone Project Internship (P: INFO Y395)	3/3	___ ___ ___ OR
I492/493	Senior Thesis (P: Senior standing, INFO I305)	3/3	___ ___ ___ OR
I494/495	Design & Development of Info Sys (P: Senior standing, INFO I402)	3/3	___ ___ ___

AREA OF SPECIALIZATION [12–21 credit hours] Approved Minors and/or Certificates

Designated Area: _____

_____	___ ___ ___
_____	___ ___ ___
_____	___ ___ ___
_____	___ ___ ___
_____	___ ___ ___

GENERAL EDUCATION REQUIREMENTS [30 hours]

Core Communication – Speaking and Listening: [3 credit hours]

COMM	R110	Fundamentals of Speech Communication	3	____ ____ ____

Core Communication – Writing: [3 credit hours]

ENG	W131	English Composition I (Must earn a "C" or higher) OR		
ENG	W140	Honors English Composition	3	____ ____ ____

Cultural Understanding: [3 credit hours] 3 ____ ____ ____

Any language course (American Sign Language – Latin – Chinese – Japanese – French – German – Italian – Basic Arabic – Spanish)

AFRO	A140	Intro to African Am. Studies	MUS	M394	Survey of African–American Music
AFRO	A150	Survey Culture of Black Americans	MUS	Z105	Traditions in World Music
AFRO	A152	Intro to African Studies	PSY	B203	Ethics and Diversity in Psychology

AMST	A101	Intro to American Studies	REL	R101	Religion and Culture
ANTH	A104	Cultural Anthropology	SWK	S102	Understanding Div in a Pluralistic Soc.
EDUC	E201	Multicultural Education	TCEM	T208	Global Tourism Geography
ENG	L245	Intro to Caribbean Literature	TCEM	T234	Cultural Heritage Tourism
HER	H221	Art Past and Present	LATS	L101	Intro to Latino Studies
INTL	I100	Intro to Intl Studies			

Analytical Reasoning – College Math [3 credits]	3	MATH M118	____ ____
Analytical Reasoning – Analytical or Statistical Course [3 credits]	3	INFO I101	____ ____
Life and Physical Sciences [6 credits] 3 ____ ____ ____	3	____	____ ____

ANTH	*A103*	*Human Origins and PreHistory*	CHEM	C105	Prin of Chemistry I
AST	*A100*	*The Solar System*	CHEM	C106	Prin of Chemistry II
AST	*A105*	*Stars and Galaxies*	CHEM	C110	The Chemistry of Life
AST	A205	Quasars, Pulsars & Black Holes	FIS	10101	Investigating Forensic Science
BIOL	K101	Concepts of Biology I	FIS	20500	Concepts of Forensic Science I
BIOL	K103	Concepts of Biology II	FIS	20600	Concepts of Forensic Science II
BIOL	N100	Contemporary Biology	*GEOG*	*G107*	*Physical Sys of Environment*
BIOL	*N107*	*Exploring the World of Animals*	GEOL	G107	Environmental Geology
BIOL	N200	Biology of Women	GEOL	G109	Fundamentals of Earth History
BIOL	N212	Human Biology	GEOL	G110	Physical Geology
BIOL	N217	Human Physiology	GEOL	G115	Intro to Oceanography
BIOL	N251	Intro to Microbiology	GEOL	G130	Short course in Earth Science
CHEM	C100	The World of Chemistry	GEOL	G132	Environmental Problems
CHEM	C101	Elem Chemistry I	GEOL	G135	Indiana Geology
BIOL	11011	Principles of Biomedical Sciences	HPER	N220	Nutrition for Health

Arts & Humanities [3 credits]   3 ____   ____   ____

NEWM	N100	Foundations of New Media	HER	E209	Drawing for Interior Design
NEWM	*N201*	*Design Issues in Digital Media (recommended)*	HER	E214	Visual Learning
ART	21000	History of Architecture I	HER	H100	Art Appreciation
CLAS	C205	Classical Mythology	HER	H102	History of Art 2
COMM	T130	Introduction to Theatre	HER	H210	The Art of Art History
ENG	L105	Appreciation of Literature	HER	H221	Art Past and Present
ENG	L115	Literature for Today	HER	H101	History of Art 1
ENG	L202	Literary Interpretation	MHHS	M201	Introduction to Medical Humanities and Health Studies
ENG	L203	Introduction to Drama	MUS	M174	Music for the Listener
ENG	L205	Introduction to Poetry	MUS	Z201	History of Rock and Roll Music
ENG	L207	Women and Literature	MSTD	A101	Understanding Museums
ENG	W210	Literacy and Public Life	PHIL	P110	Introduction to Philosophy
FILM	C292	Introduction to Film	PHIL	P120	Ethics
HER	E101	Beginning Drawing I	PHST	P105	Giving and Volunteering In America
HER	E105	Beginning Painting I	REL	R133	Introduction to Religion
HER	E109	Color and Design for Non-Art Majors	REL	R212	Comparative Religions
HER	E111	Metalsmithing and Jewelry Design			
HER	E201	Photography I			

Social Sciences [6 credits]   3   INFO I202¨   ____   __

3   INFO I270   ____   __

GENERAL ELECTIVES* [Depends upon chosen AoS, generally 9-13 credit hours – whatever is needed to reach 120 total credit hours]

____ ____   _____   ____ ____ ____

____ ____   _____   ____ ____ ____

____ ____   _____   ____ ____ ____

_____ _____ _____ _____ _____ _____

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Important notes:

Students must earn a C or higher in major courses, area of specialization courses, and ENG W131 as well as earn a cumulative grade point average of a 2.0 or higher in order to graduate.

*The School of Informatics and Computing will not accept physical education activity courses or musical instrument or voice lesson courses towards elective credit. Students may use any other college level course credit (transferable to IUPUI) towards electives.

Students may only count up to nine credit hours of major courses towards their general education requirement.

Elective Courses – Master of Jurisprudence Degree
(Students MUST Check for Prerequisites & Semester Offered
from the Respective Departments)

Required Courses:
Legal Process (Summer 2 cr.)

One of the following first-year required courses:
Constitutional Law (4 cr.) D/N 620
Contracts I (3 or 4 cr.) D/N 512
Criminal Law (3 cr.) D/N 533
Property (4 cr.) D/N 509
Torts (4 cr.) D/N 541

Note: Each MJ student's course list must be approved prior to registration by that student's faculty advisor or the Director of the MJ Program.

MJ-Eligible Elective Courses:
Accounting for Law Students (2 cr.) D/N 675
Administrative Law (3 cr.) D/N 647
Admiralty Law (2 cr.) D/N 775
Advanced Course Related Experience (ACRE) (1-3 cr.) D/N 803
Advanced Field Research (AFR) (1-4 cr.) D/N 775
Advanced Course Related Experience (ACRE) (1-3 cr.) D/N 803
Advanced Field Research AFR) (1-4 cr.) D 603
Advanced Legal Research (2 or 3 cr.) D/N 664
Advanced Research in Health Law (2 cr.) D/N 662
Advanced Sales (2 or 3 cr.) D/N 616
Advanced Torts (2 or 3 cr.) D/N 822
Alternative Dispute Resolution (2 or 3 cr.) D/N 844
Animals and the Law (2 cr.) D/N 640
Antitrust and the Health Care Industry (2 cr.) D/N 866
Antitrust Law (3 cr.) D/N 751
Art and Museum Law (2 cr.) D/N 896
Aviation Law (3 cr.) D/N 779
Bankruptcy Law (3 cr.) D/N 619
Bioethics and Law (2 or 3 cr.) D/N838
Business and Legal Aspects of Health Care Organizations (2 cr.) D/N 859
Civil Rights (2 or 3 cr.) D/N 872
Clean Air Law (2 cr.) ___
Climate Law and Policy (3 cr.) D/N 641
Closely Held Business Organizations (3 cr.) D/N 645
Comparative Competition Law (3 cr.) D/N 742
Comparative Law (2 or 3 cr.) D/N 821
Conflict of Laws (2 or 3 cr.) D/N 804
Consumer Law (2 cr.) D/N 799

Copyright Law (3 cr.) D/N 626
Corporate Compliance Overview (3 cr.) D/N ___
Corporate Reorganization and Bankruptcy (2 cr.) D/N 846
Criminal Procedure: Investigation (3 cr.) D/N 702
Criminal Sentencing (2 cr.) D/N 741
Directed Reading (1 cr.) D/N 676
Discrimination in Employment (2 or 3 cr.) D/N 653
Domestic Violence and the Law (2 or 3 cr.) D/N 609
Drug Innovation and Competition Law (2 or 3 cr.) D/N 635
Elder Law (2 cr.) D/N 720
Election Law (2 or 3 cr.) D/N 601
Employment Law (3 cr.) D/N 672
Energy Law and Policy (2 or 3 cr.) D/N 7__
Entertainment Law (2 or 3 cr.) D/N 731
Environmental and Toxic Tort Law (2 or 3 cr.) D/N 611
Environmental compliance and Enforcement (2 cr.) D/N 673
Environmental Justice (3 cr.) D/N ___
Environmental Law (3 or 4 cr.) D/N 891
ERISA Retirement Plans: Formation and Structure (2 cr.) D/N 656
European Union Law-Doing Business in and with the Internal Market (2 or 3 cr.) D/N 770
European Union Law – Foundations (2 or 3 cr.) D/N 769
Evidence (4 cr.) D/N 632
Family Law (3 cr.) D/N 610
Federal Court (3 cr.) D/N 848
First Amendment (2 or 3 cr.) D/N 622
Food and Drug Law (2 or 3 cr.) D/N 888
Health Care Fraud and Abuse Regulation (2 or 3 cr.) D/N 600
Health Care Quality and Safety (2 or 3 cr.) D/N 791
Health Care Reimbursement (2 or 3 cr.) D/N 771
Higher Education Law (2 cr.) D/N 678
Housing Discrimination and Segregation (2 or 3 cr.) D/N 743
Housing Development and the Law (2 or 3 cr.) D/N 760
Immigration Law and Procedure (2 or 3 cr.) D/N 709
Income Taxation of Individuals, Fiduciaries and Business Associations (4 cr.) D/N 648
Insurance Law (2 cr.) D/N 851
Intellectual Property Law (2 or 3 cr.) D/N 862
Intellectual Property of Pharmaceutical Products and Medical Devices (2 or 3 cr.) D/N 698
Intellectual Property Transactions & Licensing (2 cr.) D/N 627
International and Comparative Family Law (2 or 3 cr.) D/N 604
International Business Transactions (3 cr.) D/N 783
International commercial Arbitration (2 or 3 cr.) D/N 784
International Criminal Law (2 or 3 cr.) D/N 713
International Environmental Law (2 or 3 cr.) D/N 754
International Human Rights Law (3 cr.) D/N 813
International Intellectual Property Law (2 or 3 cr.) D/N 634
International Law (2 or 3 cr.) D/N 818
International Tax (2 or 3 cr.) D/N 674
International Trade Law (2 cr.) D/N 857
Internet Law (2 or 3 cr.) D/N 732
Introduction to Health Care Law and Policy (3 cr.) D/N 785
Islamic Law (2 cr.) D/N 700
Issues in Death and Dying (2 cr.) D/N 694

Japanese Law (2 cr.) D/N 773
Jurisprudence (2 cr.) D/N 849
Juvenile Justice (2 cr.) D/N 842
Juvenile Law (2 or 3 cr.) D/N 612
Labor Arbitration/Collective Bargaining (3 cr.) D/N 703
Labor Law (4 cr.) D/N 651
Land Use (2 or 3 cr.) D/N 740
Law & Social Change: The Civil Rights Movement (3 or 4 cr.) D/N 867
Law and Economics (3 cr.) D/N 624 Law and (2 or 3 cr.) D/N
Law and Forensic Science (2 cr.) D/N 774
Law and Legal System of Brazil (cr.) D/N ___
Law and Literature (2 cr.) D/N 834
Law and Poverty (2 or 3 cr.) D/N 875
Law and Public Health (2 or 3 cr.) D/N 761
Law and Society of China (1 or 2 cr.) D/N 719
Law of Hazardous Waste Regulation (2 cr.) D/N 665
Law of Medical Malpractice (2 or 3 cr.) D/N 824
Law of Nonprofit Organizations (2 cr.) D/N 843
Law of Death Penalty (3 cr.) D/N 733
Law Practice Management (2 cr.) D/N 658
Legal Aspects of Government Finance Law of (2 cr.) D/N 758
Legislature Law of (2 or 3 cr.) D/N 602
Life Sciences Compliance Law (2 or 3 cr.) D/N 693
Mediation (2 cr.) D/N 876
Mediation Practice (2 cr.) D/N __
Mergers and Acquisitions (2 or 3 cr.) D/N 780
Military Law (2 or 3 cr.) D/N 830
National Security Law (3 cr.) D/N 889
Natural Resources Law (3 cr.) D/N 717
Neuroscience and the Law (2 cr.) D/N 686
Partnership Tax (2 or 3 cr.) D/N 730
Patent Law (2 or 3 cr.) D/N 873
Patent Litigation (2 cr.) D/N 625
Patent Prosecution (2 cr.) D/N 643
Payment Systems (2 or 3 cr.) D/N 617
Popular Constitutional Change (3 or 4 cr.) D/N 649
Principles of Rhetoric (2 or 3 cr.) D/N 523
Products Liability (2 or 3 cr.) D/N 894
Professional Responsibility (2 or 3 cr.) D/N 861
Psychiatry and the Law (2 cr.) D/N 874
Public Policy Mediation with State Government (2 cr.) D/N 714
Publically Traded corporations (2 cr.) D/N 646
Race and the Law (2 or 3 cr.) D/N 685
Real Estate Transfer, Finance, and Development (3 cr.) D/N 605
Representing the Government (2 cr.) D/N 781
Secured Transactions (2 or 3 cr.) D/N 618
Securities Regulation (3 cr.) D/N 738
Sec Discrimination (3 cr.) D/N 826
Sexual Harassment Law (3 cr.) D/N 811
Social Regulation of the Body and Its Processes (2 cr.) D/N 691
Sports Law: Individual, Amateur and Olympic Sports (2 or 3 cr.) D/N 727
Sports Law: Professional League Sports (2 or 3 cr.) D/N 728

State and Local Government Law (2 cr.) D/N 756
State and Local Taxation (2 cr.) D/N 805
State Constitutional Law (2 cr.) D/N 757
Supervised Research (1 or 4 cr.) D/N 661
Tax Procedure (2 cr.) D/N 893
Taxation of Corporations and Shareholders (2 cr.) D/N 869
Taxation of Transferors, Fiduciaries, and Beneficiaries [Estate and Gift Tax] (3 cr.) D/N 725
The Right of Publicity (2 cr.) D/N 633
Topics in Health Law (2 or 3 cr.) D/N 763
Topics in Transportation Law (2 cr.) D/N 7__
Trademark Law (2 or 3 cr.) D/N 630
Trusts and Estates (3 or 4 cr.) D/N 722
Water Law (2 or 3 cr.) D/N 882
White Collar Crime (2 or 3 cr.) D/N 699
Worker's Compensation (2 cr.) D/N 736
World Trade Organization (WTO) (3 cr.) D/N 650

MJ-Eligible Seminar Courses:

Seminar in American Legal History (2 cr.) D/N 850
Seminar in Business and Estate Planning (2 cr.) D/N 854
Seminar in comparative national Security Law (2 cr.) D/N 895
Seminar in Cybercrime (2 cr.) D/N 789
Seminar in Education Law (2 cr.) D/N 856
Seminar in Energy Distribution Regulation (2 cr.) D/N 608
Seminar in Illicit International Markets (2 cr.) D/N 755
Seminar in Judicial Selection (2 cr.) D/N 744
Seminar in Law and Justice: Amnesty, Apology, Reconciliation and Reparation (2 cr.) D/N 788
Seminar in Law and Medicine (2 cr.) D/N 841
Seminar in Law and Religion (2 or 3 cr.) D/N 890
Seminar in Law and Technology (2 or 3 cr.) D/N 778
Seminar in Property Rights (2 cr.) D/N 639
Seminar in Public Utilities Regulation (2 cr.) D/N 858

BS Informatics/ MJ 5-Year Plan of Study
Credit hours: 136

1ST SEM. (Fall)		3RD SEM. (Fall)		5TH SEM. (Fall)		7TH SEM. (Fall)		9TH SEM. (Fall)	
INFO I100 1st Yr Experience	1	I210 Information Infrastructure I	4	Informatics Core B I3XX	3	I421 Appl. of Data Mining	3		
I101 Introduction to Informatics	4	I303 Organizational Informatics	3	INFO I123 Data Fluency	3	Area of Specialization (2 courses)	6		
W 131 English Composition I	3	Arts and Humanities GE Req.	3	Area of Specialization Course	3	I491/492/494/496	3	MJ courses	9
Math 118 Finite	3	Cultural Understanding GE Req.	3	I425 Applying Web Services in Info Systems	3	MJ course(s)	3/4		
I202 Social Informatics	3	General Elective	3						
Semester Total	**14**	**Semester Total**	**16**	**Semester Total**	**12**	**Semester Total**	**16**	**Semester Total**	**9**
2ND SEM. (Spr)		4TH SEM. (Spr)		6TH SEM. (Spr)		8TH SEM. (Spr)		10TH SEM. (Spr)	
I201 Math Foundations for Informatics	4	I211 Information Infrastructure II (P: I210)	4	I305 Intro. to Research in Informatics	3	Area of Specialization Course	3	MJ elective courses	8
I270 Intro to HCI	3	Life and Phys. Sci. GE Req.	3	I402 Informatics Project Management	3	I491/493/495/497	3		
NEWM N221 Media Appl. I	3	N299 Career Planning	2			I453 Computer and Information Ethics	3		
Comm R110 Speech – GE Req	3	I308 Information Representation	3	Core B X3XX	3	MJ course(s)	5		
Life and Phys. Sci. GE Req	3	Area of Specialization Course	3	Area of Specialization Course	3				
				Y395/Y399 Career Development	1				
Semester total	**16**	**Semester Total**	**15**	**Semester Total**	**13**	**Semester Total**	**14**	**Semester Total**	**8**
SEMESTER (Summer)		SEMESTER (Summer)		SEMESTER (Summer)		8th SEMESTER cont.(Summer)		SEMESTER (Summer)	
				MJ required courses					
Semester total	**0**	**Semester Total**	**0**	**Semester Total**	**2**	**Semester Total**	**14**	**Semester Total**	**8**

Year-by-year totals	30	Year-by-year totals	31	Year-by-year totals	27	Year-by-year totals	30	Year-by-year totals	17

BS Informatics/ MJ 5-Year Plan of Study
Credit hours: 136 – With Legal Informatics as Area of Specialization

1ST SEM. (Fall)		3RD SEM. (Fall)		5TH SEM. (Fall)		7TH SEM. (Fall)		9TH SEM. (Fall)	
INFO I100 1st Yr Experience	1	I210 Information Infrastructure I	4	Informatics Core B I3XX	3	I421 Appl. of Data Mining	3		
I101 Introduction to Informatics	4	I303 Organizational Informatics	3	INFO I123 Data Fluency	3	*Legal Informatics: INFO I350 Foundations in Legal Informatics and INFO I410 Electronic Discovery Area of Specialization (2 courses)	6		
W 131 English Composition I	3	Arts and Humanities GE Req.	3	General Elective	3	I491/492/494/496	3	MJ courses	9
Math 118 Finite	3	Cultural Understanding GE Req.	3	I425 Applying Web Services in Info Systems	3	MJ course(s)	3/4		
I202 Social Informatics	3	General Elective	3						
Semester Total	**14**	**Semester Total**	**16**	**Semester Total**	**12**	**Semester Total**	**16**	**Semester Total**	**9**
2ND SEM. (Spr)		4TH SEM. (Spr)		6TH SEM. (Spr)		8TH SEM. (Spr)		10TH SEM. (Spr)	
I201 Math Foundations for Informatics	4	I211 Information Infrastructure II (P: I210)	4	I305 Intro. to Research in Informatics	3	*Legal Informatics: NEWM N480 Technology and the Law	3	MJ elective courses	8
		Life and Phys. Sci. GE Req.	3	I402 Informatics Project Management	3				
I270 Intro to HCI	3					I491/493/495/497	3		
NEWM N221 Media Appl. I	3	N299 Career Planning	2	Core B X3XX	3	I453 Computer and Information Ethics	3		
Comm R110 Speech – GE Req	3	I308 Information Representation	3	*Legal Informatics: I330 Legal and Social	3	MJ course(s)	5		

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		Informatics of Security Y395/Y399 Career		
Life and Phys. Sci. GE Req 3		Development 1		
Semester total 16	**Semester Total** 12	**Semester Total** 13	**Semester Total** 14	**Semester Total** 8
SEMESTER (Summer)	**SEMESTER (Summer)** *Legal Informatics: I470 Litigation Support Systems and Courtroom Presentations **3**	**SEMESTER (Summer)** *MJ required courses*	**8th SEMESTER cont.(Summer)**	**SEMESTER (Summer)**
Semester total 0	**Semester Total** 3	**Semester Total** 2	**Semester Total** 14	**Semester Total** 8
Year-by-year totals **30**	**Year-by-year totals** **31**	**Year-by-year totals** **27**	**Year-by-year totals** **30**	**Year-by-year totals** **17**

Sustainability and Impact on the State and Region

The proposed program requires no additional resources and financial support from the school and campus. The key to the success of the program is to make prospective students aware of the availability of the dual-degree program when they enter the undergraduate Informatics program. The seamless transition from undergraduate to graduate programs will greatly reduce the time needed to complete the two degrees when compared to traditional, separate BS and MJ degree programs. This proposed program is, therefore, economical and sustainable in the long run.

As our city, state and nation move towards a technology-based, high-tech economy, we continue to see a critical need for well-educated, trained, high quality people with both legal and technology backgrounds with advanced graduate degrees. We fully expect these program graduates with advanced degrees to have a major impact on central Indiana, the state of Indiana and the greater Midwest.

Staffing and Infrastructure- Because the program utilizes existing courses, faculty, and facilities, no additional resources are required.

Tuition Allocation – Tuition income will be paid to the school responsible for the course each student is taking and at the amount required for the course at each school. Any financial assistance awarded to a student from each school will be attributed toward the awarding school's tuition.