**Knowledge Management (KM)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade Mode</th>
<th>Schedule Type</th>
<th>Pre/corequisite</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>KM 41095</td>
<td>Special Topics in Knowledge Management</td>
<td>1-3</td>
<td>Lecture</td>
<td>Individual</td>
<td>none</td>
<td>KM 60301, graduate standing</td>
</tr>
<tr>
<td>KM 41096</td>
<td>Individual Investigation in Knowledge Management</td>
<td>1-3</td>
<td>Lecture</td>
<td>Individual</td>
<td>special approval</td>
<td>KM 60301</td>
</tr>
<tr>
<td>KM 60301</td>
<td>Foundational Principles of Knowledge Management</td>
<td>3</td>
<td>Lecture</td>
<td>Individual</td>
<td>graduate standing</td>
<td>KM 60301 and graduate standing</td>
</tr>
<tr>
<td>KM 60303</td>
<td>Knowledge Assessment and Evaluation</td>
<td>3</td>
<td>Lecture</td>
<td>Individual</td>
<td>graduate standing</td>
<td>KM 60301</td>
</tr>
<tr>
<td>KM 60304</td>
<td>The Information and Knowledge Economy</td>
<td>3</td>
<td>Lecture</td>
<td>Individual</td>
<td>graduate standing</td>
<td>KM 60301; and graduate standing</td>
</tr>
<tr>
<td>KM 60305</td>
<td>Communities of Practice</td>
<td>3</td>
<td>Lecture</td>
<td>Individual</td>
<td>graduate standing</td>
<td>KM 60301</td>
</tr>
<tr>
<td>KM 60307</td>
<td>Organizational Learning</td>
<td>3</td>
<td>Lecture</td>
<td>Individual</td>
<td>graduate standing</td>
<td>KM 60301; and graduate standing</td>
</tr>
<tr>
<td>KM 60310</td>
<td>Intellectual Capital Management</td>
<td>3</td>
<td>Lecture</td>
<td>Individual</td>
<td>graduate standing</td>
<td>KM 60301 with a minimum grade of C</td>
</tr>
</tbody>
</table>

**Course Descriptions:**

**KM 60301** Foundational Principles of Knowledge Management: This course covers an introduction to historical roots for knowledge and knowledge management; theories and definitions of knowledge; theories, applications tools and practices of KM; Knowledge Management Life-Cycle Framework and Models; significant issues in KM—best practices, culture, economics, strategy, intellectual capital, sustainable innovation. (Slashed with KM 80301)

**KM 60303** Knowledge Assessment and Evaluation: Explores all aspects of effective knowledge management within all types of organizations. Lays out the context for knowledge management — at each multiple levels (strategic, technical, business-aligned, and individual) and across all competencies. Covers theory, practice and methods of assessment and evaluation for all levels and all competencies. Provides an introduction to knowledge strategy formulation and planning, knowledge management maturity modeling, knowledge typologies and audits, knowledge mapping, organizational network analysis, knowledge competency mapping and human capital analytics, strategic workforce planning concepts, internal knowledge markets and incentives, community of practice metrics, organizational culture metrics. (Slashed with KM 80303)

**KM 60304** The Information and Knowledge Economy: Covers theories of information and knowledge economy. The focus of the course is on information and the new information and digital economy, consumer behavior and production theory; the demand for information; information as a factor of production; information costs and pricing. Case studies in the information industry are explored.

**KM 60305** Communities of Practice: Explores collaboration and communities from both a theoretical and a practical perspective. The theory includes structural elements (defining a community identity, scooping the domain, defining practice), and natural lifecycles, and best practices for cultivating communities. On the practical side, students explore strategic placement of communities, the community development process, community design and implementation, and measuring the impacts of communities on intellectual capital creation. Communities of practice are also discussed in the context of digital ecosystems (Web 2.0 and Web 3.0). Utilizes readings and reviews of real life case studies of communities of practice in education, health care and nursing, disaster management, military sciences, and hobbies and craft circles. Students also complete a course project pertaining to community of practice evaluation.

**KM 60307** Organizational Learning: Addresses organizational learning in fast-paced, complex and changing organizational environments. For knowledge organizations in the 21st century, learning is a continuous activity. To survive and grow, a knowledge organization must learn through its people, its groups and the organization as a whole. The capacity to learn is a competitive advantage for a knowledge organization. Covers the fundamental theory of organizational learning, organizational learning types, and the five disciplines of learning organizations, and factors that facilitate or impede organizational learning.

**KM 60310** Intellectual Capital Management: This course encompasses the new knowledge-intensive economic units: human capital and social capital intellectual assets, intellectual property, brands and trademarks. A "lifecycle" approach for intellectual assets is described—creation, codification, valuation, protection and leveraging of intellectual assets for competitive advantage.

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Knowledge Management (KM)
KM 60311 BUSINESS PROCESS MANAGEMENT 3 Credit Hours
(Slashed with KM 80311) Introduction to business process management and workflow management. BPM will describe how organizational business processes (internal, external, manual and automated) can be transformed and managed to increase efficiency, effectiveness and positively affect performance. Topics include the discovery, analysis, modeling and automation of workflow processes.
Prerequisite: KM 60301 with a minimum grade of C (2.000); and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 60312 BUSINESS INTELLIGENCE-COMPETITIVE INTELLIGENCE 3 Credit Hours
An introduction to strategic intelligence consisting of competitive and business intelligence. Strategic intelligence is an art, science and craft. Businesses and governments require effective intelligence programs, processes and tools to track businesses competitors, markets and trends by acquiring, creating, managing and disseminating intelligence knowledge.
Prerequisite: KM 60301 with a minimum grade of C (2.000); and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 60315 FOUNDATIONS OF DOCUMENT MANAGEMENT 3 Credit Hours
Covers three main themes: Principles, which covers the document and records management conceptual framework, relationships with information policy, definitions and industry standards; Practices, which covers the management and procedural framework for effective planning and implementation of document and records management solutions; Technologies, which provides a business-oriented analysis of the nature of the enabling information systems available to support effective document and records management solutions.
Prerequisite: graduate standing.
Pre/corequisite: KM 60301.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 60316 ORGANIZATIONAL CULTURE ASSESSMENT 3 Credit Hours
Examines different types of cultures and how each type influences a knowledge organization - how culture influences the way knowledge workers work, how they make decisions and how they behave, the internal cultures of groups and communities, the cultural attributes of knowledge workers which may impact their knowledge behaviors. Organizational cultures of multicultural, global and virtual organizations are covered. Students conduct an organizational culture assessment.
Prerequisite: graduate standing.
Pre/corequisite: KM 60301.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 60340 BUSINESS NARRATIVE AND STORYTELLING 3 Credit Hours
(Slashed with KM 80340) Focuses on the business use of storytelling and narrative intelligence. Narrative intelligence is the ability to make sense of the world through narrative and storytelling. Business narrative helps a knowledge organization to strengthen its organizational visions, to enhance communications, to capture and transfer knowledge, externalize and internalize tacit knowledge, encourage innovation, build communities, and develop effective training, mentoring and learning strategies. Business narrative is the primary way that procedural knowledge is understood and shared. Covers oral and written stories, documentaries, oral histories, organizational myths and legends, case scenarios, training scenarios, encoded and embedded business rules, gossip and business conversations. Students learn how to develop business stories, craft and deliver a springboard story, evaluate narrative architectures, and design systems that support access to business narratives and stories.
Prerequisite: KM 60301; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 60370 SEMANTIC ANALYSIS METHODS AND TECHNOLOGIES 3 Credit Hours
(Slashed with KM 80370) Introduces students to the practical contexts, methods and tools associated with semantic analysis. Focuses on early life cycle aspects of semantics, including identification and modeling of semantic problems, design of semantic solutions, and the identification and implementation of appropriate semantic technologies. Covers natural language processing, rule-based and grammar based concept extraction, rule-based and dynamic classification and automated summarization. Students work with a variety of semantic technologies.
Prerequisite: KM 60301 or DSCI 64210 or MIS 64036; and graduate standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 60691 SEMINAR IN KNOWLEDGE MANAGEMENT 1-3 Credit Hours
(Repeatable for credit) Advanced research by students who are qualified to examine problems of certain special areas related to concentrations of study in knowledge management.
Prerequisite: graduate standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

KM 60693 VARIABLE TITLE WORKSHOP IN KNOWLEDGE MANAGEMENT 1-3 Credit Hours
(Repeatable for credit) Intensive examination of special topics of interest to those involved in knowledge management. Maximum number of workshop credits for the MS-KM degree is 4 semester hours.
Prerequisite: graduate standing.
Schedule Type: Workshop
Contact Hours: 1-3 other
Grade Mode: Satisfactory/Unsatisfactory
KM 60792  ELECTIVE INTERNSHIP IN KNOWLEDGE MANAGEMENT  2-3 Credit Hours
Supervised work experience in knowledge management of a professional nature of not less than 100 clock hours (for 2 credit hours) or 150 clock hours (for 3 credit hours) with directed preparation of a reflection paper.
Prerequisite: graduate standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 6-10 other
Grade Mode: Satisfactory/Unsatisfactory-IP

KM 61095  SPECIAL TOPICS IN KNOWLEDGE MANAGEMENT  1-3 Credit Hours
(Repealtable for credit) Offered irregularly as resources and or opportunities permit. Topics could include current or emerging issues in knowledge management. Specific topics are announced in the Schedule of Classes.
Prerequisite: graduate standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

KM 61096  INDIVIDUAL INVESTIGATION IN KNOWLEDGE MANAGEMENT  1-3 Credit Hours
Repeatable for credit) Research or individual investigation in areas not covered in the existing curriculum for master's level students. Maximum credit towards master's degree: 6 hours.
Prerequisite: graduate standing and special approval.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP

KM 66092  MASTER'S INTERNSHIP IN KNOWLEDGE MANAGEMENT  3 Credit Hours
Supervised work experience of an advanced professional nature that concentrates on developing skills in areas of knowledge management and integrates their knowledge from all KM courses and experiences. Students must have completed 30 credit hours towards the MS-KM program prior to registration.
Prerequisite: KM 60301, KM 60303, KM 60304, KM 60305, KM 60307 and LIS 60636; and a minimum cumulative 3.000 GPA; and graduate standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 9 other
Grade Mode: Satisfactory/Unsatisfactory-IP

KM 66098  MASTER'S PROJECT IN KNOWLEDGE MANAGEMENT  3 Credit Hours
Provides a means for the application of the knowledge, research and competencies learned through study in knowledge management to the development of an information system, product, setting or service. Students must have completed a minimum of 30 credit hours prior to enrolling in the course.
Prerequisite: KM 60301, KM 60303, KM 60304, KM 60305, KM 60307 and LIS 60636; and a minimum cumulative 3.000 GPA; and graduate standing; and special approval.
Schedule Type: Master's Project
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

KM 66198  MASTER'S RESEARCH PAPER IN KNOWLEDGE MANAGEMENT  3 Credit Hours
Under the advisement of a faculty member, students will complete a research paper that serves as a culminating experience for the M.S.-KM program. Students must have completed a minimum of 30 credit hours towards the MS-KM program prior to registration.
Prerequisite: KM 60301, KM 60303, KM 60304, KM 60305, KM 60307 and LIS 60636; and a cumulative 3.000 GPA; and graduate standing; and special approval.
Schedule Type: Master's Project
Contact Hours: 3 other
Grade Mode: Satisfactory/Unsatisfactory-IP

KM 66199  THESIS I  2-6 Credit Hours
Thesis students must register for a total of 6 hours, 2 to 6 hours in a single semester distributed over several semesters if desired. Students must have completed a minimum of 30 credit hours towards the MS-KM program prior to registration.
Prerequisite: KM 60301, KM 60303, KM 60304, KM 60305, KM 60307 and LIS 60636; and a cumulative 3.000 GPA; and graduate standing; and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2-6 other
Grade Mode: Satisfactory/Unsatisfactory-IP

KM 66299  THESIS II  2 Credit Hours
Thesis students must continue registration each semester until all degree requirements are met.
Prerequisite: KM 66199; and graduate standing and special approval.
Schedule Type: Masters Thesis
Contact Hours: 2 other
Grade Mode: Satisfactory/Unsatisfactory-IP

KM 80301  FOUNDATIONAL PRINCIPLES OF KNOWLEDGE MANAGEMENT  3 Credit Hours
(Slashed with KM 60301) This course covers an introduction to: historical roots for knowledge and knowledge management; theories/definitions of knowledge; theories, applications, tools, and practices of KM; Knowledge Management Life-Cycle Framework and Models; significant issues in KM - best practices, culture, economics, strategy, intellectual capital, sustainable innovation.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80303  KNOWLEDGE ASSESSMENT AND EVALUATION  3 Credit Hours
(Slashed with KM 60303) Explores all aspects of effective knowledge management within all types of organizations. Lays out the context for knowledge management – at each multiple levels (strategic, technical, business-aligned, and individual) and across all competencies. Covers theory, practice and methods of assessment and evaluation for all levels and all competencies. Provides an introduction to knowledge strategy formulation and planning, knowledge management maturity modeling, knowledge typologies and audits, knowledge mapping, organizational network analysis, knowledge competency mapping and human capital analytics, strategic workforce planning concepts, internal knowledge markets and incentives, community of practice metrics, organizational culture metrics.
Prerequisite: KM 80301; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
KM 80305 COMMUNITIES OF PRACTICE 3 Credit Hours
(Slashed with KM 60305) Explores collaboration and communities from both a theoretical and a practical perspective. The theory includes structural elements (defining a community identity, scoping the domain, defining practice), and natural lifecycles, and best practices for cultivating communities. On the practical side, students explore strategic placement of communities, the community development process, community design and implementation, and measuring the impacts of communities on intellectual capital creation. Communities of practice are also discussed in the context of digital ecosystems (Web 2.0 and Web 3.0). Utilizes readings and reviews of real life case studies of communities of practice in education, health care and nursing, disaster management, military sciences, and hobbies and craft circles. Students also complete a course project pertaining to community of practice evaluation.
Prerequisite: KM 80301; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80307 ORGANIZATIONAL LEARNING 3 Credit Hours
(Slashed with KM 60307) Addresses organizational learning in fast-paced, complex and changing organizational environments. For knowledge organizations in the 21st century, learning is a continuous activity. To survive and grow, a knowledge organization must learn through its people, its groups and the organization as a whole. The capacity to learn is a competitive advantage for a knowledge organization. Covers the fundamental theory of organizational learning, organizational learning types, and the five disciplines of learning organizations, and factors that facilitate or impede organizational learning.
Prerequisite: KM 80301; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80310 INTELLLECTUAL CAPITAL MANAGEMENT 3 Credit Hours
(Slashed with KM 60310) This course encompasses the new knowledge-intensive economic units: human capital and social capital intellectual assets, intellectual property, brands, and trademarks. A "lifecycle" approach for intellectual assets is described - creation, codification, valuation, protection and leveraging of intellectual assets for competitive advantage.
Prerequisite: KM 80301 with a minimum C grade; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80312 BUSINESS INTELLIGENCE-COMPETITIVE INTELLIGENCE 3 Credit Hours
(Slashed with KM 60312) An introduction to strategic intelligence consisting of competitive and business intelligence. Strategic intelligence is an art, science, and craft. Businesses and governments require effective intelligence programs, processes, and tools to track businesses, competitors, markets and trends by acquiring, creating, managing, packaging, and disseminating intelligence knowledge.
Prerequisite: KM 80301 with a minimum C grade; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80315 FOUNDATIONS OF DOCUMENT MANAGEMENT 3 Credit Hours
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Prerequisite: KM 80301; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80316 ORGANIZATIONAL CULTURE ASSESSMENT 3 Credit Hours
(Slashed with KM 60316) Examines different types of cultures and how each type influences a knowledge organization - how culture influences the way knowledge workers work, how they make decisions and how they behave, the internal cultures of groups and communities, the cultural attributes of knowledge workers which may impact their knowledge behaviors. Organizational cultures of multicultural, global and virtual organizations are covered. Students conduct an organizational culture assessment.
Prerequisite: KM 80301; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
KM 80340 BUSINESS NARRATIVE AND STORYTELLING 3 Credit Hours
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Prerequisite: KM 80301; and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80370 SEMANTIC ANALYSIS METHODS AND TECHNOLOGIES 3 Credit Hours
(Slashed with KM 60370) Introduces students to the practical contexts, methods and tools associated with semantic analysis. Focuses on early life cycle aspects of semantics, including identification and modeling of semantic problems, design of semantic solutions, and the identification and implementation of appropriate semantic technologies. Covers natural language processing, rule-based and grammar based concept extraction, rule-based and dynamic classification and automated summarization. Students work with a variety of semantic technologies.
Prerequisite: KM 80301 and doctoral standing.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

KM 80691 SEMINAR IN KNOWLEDGE MANAGEMENT 1-3 Credit Hours
(Repeatable for credit) Advanced research by students who are qualified to examine problems of certain special areas related to concentrations of study in knowledge management.
Prerequisite: doctoral standing.
Schedule Type: Seminar
Contact Hours: 1-3 other
Grade Mode: Standard Letter

KM 81095 SPECIAL TOPICS IN KNOWLEDGE MANAGEMENT 1-3 Credit Hours
(Repeatable for credit) Offered irregularly as resources andor opportunities permit. Topics could include current or emerging issues in knowledge management. Specific topics are announced in the Schedule of Classes.
Prerequisite: doctoral standing.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

KM 81096 INDIVIDUAL INVESTIGATION IN KNOWLEDGE MANAGEMENT 1-3 Credit Hours
Research or individual investigation for doctoral level students.
Prerequisite: doctoral standing and graduate standing.
Schedule Type: Individual Investigation
Contact Hours: 3-9 other
Grade Mode: Standard Letter-IP