REQUEST FOR A DEPARTMENT CHANGE AT IOWA STATE UNIVERSITY: FROM DEPARTMENT OF SUPPLY CHAIN AND INFORMATION SYSTEMS TO DEPARTMENT OF SUPPLY CHAIN MANAGEMENT AND DEPARTMENT OF INFORMATION SYSTEMS AND BUSINESS ANALYTICS

Action Requested: Consider recommending approval of the request by Iowa State University to split the Department of Supply Chain and Information Systems into two separate departments: the Department of Supply Chain Management and the Department of Information Systems and Business Analytics.

Executive Summary: The existing Department of Supply Chain and Information Systems requests approval to split into two distinct departments (the Department of Supply Chain Management and the Department of Information Systems and Business Analytics) to spur additional enrollment growth, attract talented faculty and improve the efficiency of program operations. The change will add marginal costs to support but requires no new faculty or staff and no additional classrooms or labs. The Council of Provosts and Board Office have reviewed this request and recommend approval.

Background: Reason for proposed change. The Debbie and Jerry Ivy College of Business at Iowa State University seeks growth in the international reputations of two strong areas by creating separate departments for Supply Chain Management and Information Systems. The Department of Supply Chain and Information Systems (SCIS) currently houses both areas. This proposal recommends restructuring the department into two distinct departments: the Department of Supply Chain Management and the Department of Information Systems and Business Analytics.

The SCIS department is vital to carrying out the mission of the Ivy College of Business and of Iowa State University in terms of research and teaching in areas of strategic importance to the State of Iowa, the United States, and the global economy. The current SCIS department has experienced significant growth in all of the academic programs it offers. Given the growth in both disciplines, including two separate undergraduate majors (Management Information Systems and Supply Chain Management) and two distinct doctoral program specialties, each area now has a sufficient number of students and faculty to warrant the creation of separate departments.

The Supply Chain Management (SCM) program consistently ranks among the best in the world, and the department 's ability to recruit and retain top scholarly talent will increase as a stand-alone department. No university in Iowa or surrounding states has a Department of Supply Chain Management. The Management Information Systems (MIS) program has created a successful and highly-ranked Business Analytics graduate program (#16 for online business analytics programs in its first year) and hosts an annual Business Analytics Symposium in Des Moines that attracts over 450 attendees annually. The Information Systems faculty received recognition for high-impact research with the Department of Transportation.

Like supply chain management, there are not many stand-alone departments for information systems and analytics. Creating a Department of Information Systems and Business Analytics would be recognized broadly as a step in a positive direction for the discipline while also highlighting the importance of analytics at the Ivy College of Business. Each area has developed its own strategic plan. Creating separate departments for each area will allow each discipline greater flexibility to execute their respective plans.

From a research perspective, it is important to note that Information Systems and Supply Chain Management are distinct academic disciplines, with their own journals, conferences and professional societies. The curricula are significantly different at all levels, from undergraduate majors to doctoral program specialties. As both disciplines have grown in number of students and number of faculty, these differences are even more pronounced.

Additionally, the new structure will reduce redundancies and improve efficiencies in departmental governance. Under the current structure, the department operates separate curriculum and graduate program committees for each discipline, and requires an additional vote at the department level for any recommended changes.

Consistency with accreditation requirements. Neither the SCIS department nor the individual programs is separately accredited, so there are no programmatic accreditations involved in this change. This will have no impact on the AACSB accreditation for the Ivy College of Business.

Effect on program configuration and resources. The departmental realignment requires no relocation of faculty, staff, doctoral students, office space, classroom space or lab space. The current SCIS department chair is serving on an interim basis and upon the approval of the restructuring, searches will begin for the following new positions:
- Chair of the Department of Supply Chain Management
- Chair of the Department of Information Systems and Business Analytics

	CURRENT Department of Supply Chain & Information Systems	*PROPOSED Department of Supply Chain Management*	*PROPOSED Department of Information Systems & Business Analytics*
Operating Budget	$6,746,484	*$3,067,207*	*$3,736,652*
Salaries	$5,206,843	*$2,365,355*	*$2,886,488*
Benefits	$1,434,641	*$651,852*	*$795,164*
Supplies & Services	$105,000	*$50,000*	*$55,000*
Tenure-Eligible Faculty	28	*15*	*13*
Non-Tenure Eligible Faculty (Full-Time)	10	*3*	*7*
Non-Tenure Eligible Faculty (Part-Time)	4	*2*	*2*
P&S Employees (Administrative Asst.)	1	*0.5*	*0.5*

Effect on students. The SCIS department currently offers two undergraduate majors: Supply Chain Management and Management Information Systems. Enrollment in both majors is robust, with 437 in SCM and 400 in MIS. These majors have seen growth in each semester since 2010. Both disciplines also offer distinct specializations in the MBA program, with both core and elective courses in the curriculum. The MIS faculty offer a popular and growing Master of Science in Information Systems (MS-IS), with approximately 70 students. The MIS faculty are also the primary sponsors of the new Master of Business Analytics, which has over 70 students across two cohorts. The MIS faculty participate in the Human Computer Interaction and the Information Assurance degree programs. Both disciplines also offer specializations within the College of Business doctoral program. The creation of new departments will not have any negative impact to students as they will be allowed to progress as normal toward their degrees. Students will

benefit from establishing unique departments: 1) students majoring in each new department will benefit from the added exposure and recognition of each program, and 2) the talented faculty attracted to each department will create an improved learning experience for students, and the program recognition will enhance the value of each degree.

<u>Date of implementation</u>. Implementation of this change will begin upon approval by the Board of Regents.