



PROPOSAL TO ESTABLISH A NEW MASTER'S DEGREE PROGRAM

This template is to be used only by programs that have received specific written approval from the Provost's office to proceed with internal proposal development and review. The proposal template should be completed in full and submitted to the University Provost's Office [[mailto: curriculumplanning@asu.edu](mailto:curriculumplanning@asu.edu)]. It must undergo all internal university review and approval steps including those at the unit, college, and university levels. A program **may not** be implemented until the Provost's Office notifies the academic unit that the program may be offered.

MASTER'S DEGREE PROGRAM

College/School:	W. P. Carey School of Business
<i>Note: Program ownership is coded at the College/School level first and may not be a center, department or division apart from it.</i>	
Department/Division/School:	Department of Supply Chain Management
Proposing faculty group (if applicable):	

Name of proposed degree program:	Master of Science (MS) in Supply Chain Management
Proposed title of major:	Supply Chain Management
Master's degree type:	MS - Master of Science
If Degree Type is "Other", provide degree type and proposed abbreviation:	N/A
Is a program fee required?	Yes, a program fee is required.
<i>Note: for more information about program fee requests, visit https://provost.asu.edu/curriculum-development/changemaker/form-instructions#fees</i>	
Is the unit willing and able to implement the program if the fee is denied?	No, we are not able to implement the program.

Requested effective term and year:	Fall	2019
(The first semester and year for which students may begin applying to the program)		
Delivery method and campus or location options: <i>select all locations that apply</i>		
<input type="checkbox"/> Downtown Phoenix	<input type="checkbox"/> Polytechnic	<input type="checkbox"/> Tempe
<input type="checkbox"/> Thunderbird	<input type="checkbox"/> West	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Both on-campus and <input type="checkbox"/> ASU Online* - (check applicable campus(es) from options listed above)		
<input checked="" type="checkbox"/> ASU Online only (<u>a</u> ll courses online and managed by ASU Online)		

Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in [Curriculum ChangeMaker](#) to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.

Do Not Fill in this information: Office Use Only	CIP Code:
Plan Code:	

PROPOSAL CONTACT

Name:	Mohan Gopalakrishnan	Title:	Associate Professor and Department Chair
Phone number:	480 965 3604	Email:	mohan@asu.edu



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DEAN APPROVAL(S)

This proposal has been approved by all necessary unit and college/school levels of review, and the college/school(s) has the resources to offer this degree program. I recommend implementation of the proposed degree program.

Note: An electronic signature, an email from the dean or dean's designee, or a PDF of the signed signature page is acceptable.

College/School/Division Dean

name:

Amy Hillman

Signature:

Date: 11/15/18

Please note: Proposals for new degrees also require the review and recommendation of approval from the University Graduate Council, Curriculum and Academic Programs Committee (CAPC), the Academic Senate (2 readings), and the Office of the Provost before they can be put into operation.

The final approval notification will come from the Office of the Provost.

1. PURPOSE AND NATURE OF PROGRAM

A. Provide a brief program description:

The Department of Supply Chain Management proposes a Master of Science (MS) in Supply Chain Management program that can be completed in nine months and has 10 courses of 3.0 credit hours each, of which two are required (core and culminating experience), and eight are restricted elective courses. The courses will be taught by the faculty of the Department of Supply Chain Management. The proposed degree leverages the W. P. Carey School's wide faculty expertise in supply chain management and creates a short duration program that is competitive in the supply chain management marketplace.

Potential student targeting for the MS in Supply Chain Management program will be: 1) Recent graduates of bachelor's degree programs where quantitative skills are emphasized, and 2) Career advancers with sufficient quantitative background and ability to commit to rigorous graduate study delivered virtually via the Internet. Work experience will not be a requirement to enroll into the MS program, as opposed to the W. P. Carey MBA programs. Demand for supply chain specialists is expected to remain exceptionally high, and Arizona's location as a border state and site of significant international commerce highlights the robust employment opportunities locally, nationally, and internationally for graduates of this degree. Graduates of this degree can be hired into roles like Supply Chain Manager, Sourcing Leader, Category Manager, and Import/Export Agent; supply chain management is a global discipline attracting employers from across the business spectrum; employers seeking supply chain management professionals include Exxon, Intel, Honeywell, Walmart, Dell, and many others.

The proposed curriculum is balanced across logistics, procurement, and modelling. The curriculum is designed to ensure that students have a solid understanding of the forecasting and analysis, as well as a sophisticated and holistic understanding of supply chain management that balances analytical and soft skills. ASU Programs in the Science, Technology, Engineering, and Math areas are targets for recruiting students, as are W. P. Carey undergraduate students in areas including finance, accounting, economics, management, information systems, and marketing. We also expect that there is significant demand for this specific degree from international students.

The Department of Supply Chain Management has conducted a review of comparable MS programs to assess the marketplace and determine key program parameters, which were used to develop this degree proposal. Generally



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speaking, degrees in supply chain management cover modeling and analytics, purchasing and procurement, and logistics. As such, this proposed degree includes significant coursework in each of the three areas to ensure general disciplinary alignment.

B. Will concentrations be established under this degree program? Yes No

(Please provide additional concentration information in the curricular structure section – number 7.)

2. PROGRAM NEED

Explain why the university should offer this program (include data and discussion of the target audience and market).

At the W. P. Carey School of Business, part of our commitment to innovation and impact is a consistent evaluation of our portfolio of specialized master's degree offerings. The school has made significant strides in expanding the portfolio of offerings based on the need of employers and demands of students; the School now offers seven specialized MS programs with the most recent additions being an MS in Business Analytics and an MS in Finance; the existing portfolio of master's programs prior included Accounting, Real Estate Development, Taxation, and Information Management.

Expanding the MS degree offerings at the W. P. Carey School is partly an effort to respond to student demand for these more specialized programs. Moreover, the University President and Provost's Office has a goal to increase the number of graduate degrees generated by ASU. To the latter point, the Dean's Office of the W. P. Carey School of Business and the leadership of EdPlus have been working closely together on developing a program offering that would capitalize on internal resources in program development, and leverage relationships with key corporate partners.

In addition to our own internal commitment to offering innovative programs, it is critical to note that the MS will meet a major need for companies operating in the global marketplace, particularly Asia and emerging markets. For example, PriceWaterhouseCooper (PWC) in 2012 published a major global study on projected talent requirements in the Supply Chain Management field. The study consolidated expert opinion from around the world; the consensus suggested that changing demographics and continued growth in less developed regions will put a premium on well-trained, knowledgeable supply chain management professionals. In addition, the PWC expert group made it clear that continued efficient transportation and logistics must include improved compensation, a more diverse management group, and better working conditions across the global supply chain. The proposed MS program therefore includes a significant emphasis on cross-cultural management and leadership, embedded in courses already in place. Furthermore, the PWC study indicated that there are some 284 undergraduate programs in Logistics in China alone, as well as 58 Logistics Engineering degrees. The proposed MS program is designed to familiarize students with Western best practices as well as prepare students for the continued growth of emerging economies, which will serve both as sources for raw materials and components as well as markets for global firms.

Also, every organization or industry has a supply chain which may be more or less complex. Satisfying customers' increasing demand for sustainable, affordable/cheaper products and services at faster speed and higher quality requires the efficient and effective management of supply chains that may be globally dispersed and interconnected. Supply Chain Management graduates have the capabilities and skills required to address such changing customers' needs. Thus, it is not surprising to see that the career outlook for supply chain jobs continues to be promising. Lastly, given the level of business automation, the future in supply chain needs higher level skills and a better integration of technology training. This MS program would address this critical need.



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3. IMPACT ON OTHER PROGRAMS

Attach any letters of collaboration or support from impacted programs (see checklist sheet). Please submit as a separate document.

Limited impact expected

The existing MBA (which allows a focus area in Supply Chain Management) is the closest related program to the proposed MS program. However, MBA programs are designed specifically for those with a minimum of two years of experience, while the proposed MS program is targeted toward candidates with little or no work experience and those who can commit to a completely online program, and is therefore expected to attract a different audience compared to the MBA program applicants.

In 2012, W. P. Carey and Fulton Schools of Engineering (FSE) worked together to design a joint degree offered in Supply Chain Management and Engineering. The program never formally launched, however, after exceptional difficulty in recruiting a first class. The curriculum for the program was focused on three parts: supply chain management through the lens of business, supply chain management through the lens of engineering, and a shared capstone course that brings together the business and engineering perspectives on the discipline through a comprehensive practical project. The MS in Supply Chain Management degree being proposed focuses on supply chain management through the lens of business, and emphasizes the business application of supply chain management, logistics, and modelling theory. While the degree makes provision for electives through the FSE industrial engineering school through special topics courses, the design of the degree is one highly focused on the business principles of supply chain management.

The W. P. Carey School offering of an in-person/ground MS in Global Logistics is highly focused on downstream logistics training, and will likely have minimal impact on the program, especially considering the difference in audience dictated by the immersion MS in Global Logistics and the online MS platform differences. In addition, MS is designed to be delivered in an online format and is expected to attract a more global audience.

4. PROJECTED ENROLLMENT

How many new students do you anticipate enrolling in this program each year for the next five years?

Note: The Arizona Board of Regents (ABOR) requires that nine master's degrees be awarded every three years. Thus, the projected enrollment numbers must account for this ABOR requirement.

5-YEAR PROJECTED ANNUAL ENROLLMENT					
Please utilize the following tabular format	1st Year	2nd Year (Yr. 1 continuing + new entering)	3rd Year (Yr. 1 & 2 continuing + new entering)	4th Year (Yrs. 1, 2, 3 continuing + new entering)	5th Year (Yrs. 1, 2, 3, 4 continuing + new entering)
Number of Students Majoring (Headcount)	35-40	40-50	50-60	55-60	60-65



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5. ACCREDITATION OR LICENSING REQUIREMENTS (if applicable)

Provide the names of the external agencies for accreditation, professional licensing, etc. that guide your curriculum for this program, if any. Describe any requirements for accreditation or licensing.

The MS program will be offered under the college's AACSB - Association for the Advancement of Collegiate Schools of Business -- accreditation, which stipulates ongoing reviews to ensure quality of instruction, rigor of material, achievement of outcomes, and continuous improvement. The School is accredited by AACSB; According to the Accreditation Standards, "Any new business programs begun at the institution will have sufficient resources to satisfy accreditation standards and will result from strategic planning processes of the school and institution. AACSB should be informed whenever new business degree programs are begun. New business programs in the institution will be placed on the list of accredited programs of the institution until they have been reviewed." Our next accreditation visit will occur in the current year, prior to the establishment of the MS degree proposed herein. We believe the program is consistent with the mission and vision of the school, and foresee no negative outcomes to accreditation of such a program.

6. STUDENT LEARNING OUTCOMES AND ASSESMENT

Attach a PDF copy of the assessment plan printed from the University Office of Evaluation and Educational Effectiveness assessment portal demonstrating UOEEE's approval of your assessment plan for this program. Visit the assessment portal at <https://uoeee.asu.edu/assessment-portal> or contact uoeee@asu.edu with any questions.

See Appendix III

7. CURRICULAR STRUCTURE

A. Curriculum Listing

The MS curriculum can be completed in nine months. The program is composed of 10 courses including one that is the culminating experience where students generate and evaluate alternative solutions to a real business situation and provide a report deliverable to the client business.

Required Core Courses for the Degree			
Prefix and Number	Course Title	New Course?	Credit Hours
SCM 502	Operations and Supply Management	No	3
<i>Section sub-total:</i>			3
Elective or Research Courses <i>(as deemed necessary by supervisory committee)</i>			
Please note: The college requests that this program is set up such that MS students may take these courses in this list (OR) other courses as approved by the academic unit.			
Prefix and Number	Course Title	New Course?	Credit Hours
SCM 515	Decision Models for Supply Chain Management	No	3
SCM 520	Strategic Procurement	No	3
SCM 541	Logistics in the Supply Chain	No	3
SCM 545	Case Studies in Global Supply Chain & Logistics	No	3



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SCM 532	Supply Chain Cost and Design Issues	No	3
SCM 521	Supplier Management and Negotiation	No	3
SCM 591	Seminar: Managing the Digital Supply Chain	No	3
SCM 591	Seminar: Sustainability and Social Responsibility	No	3
SCM 516	Introduction to Applied Analytics	No	3
SCM 517	Data-Driven Quality Management	No	3
SCM 518	Analytical Decision Modeling I	No	3
<i>Section sub-total:</i>			24
Culminating Experience(s) <i>E.g. – Capstone course, portfolio, written comprehensive exam, applied project, thesis (must be 6 credit hours with oral defense)</i>			Credit Hours
Capstone Course: SCM 551: Advanced Supply Chain Planning and Control			3
<i>Section sub-total:</i>			3
Other Requirements <i>E.g. – internships, clinical requirements, field studies, foreign language exam as applicable</i>			Credit Hours
<i>Section sub-total:</i>			0
Total required credit hours			30

- List all required core courses and total credit hours for the core (required courses other than internships, thesis, capstone course, etc.).
- Omnibus numbered courses cannot be used as core courses.
- Permanent numbers must be requested by submitting a course proposal to Curriculum ChangeMaker for approval.

B. Will concentrations be established under this degree program? Yes No

8. COURSES

A. Course Prefix(es): Provide the following information for the proposed graduate program.

i. Will a new course prefix(es) be required for this degree program?

Yes No

If yes, complete the [Course Prefixes / Subjects Form](#) for each new prefix and submit it as part of this proposal submission. Form is located under the courses tab.

B. New Courses Required for Proposed Degree Program: Provide course prefix, number, title, credit hours and brief description for any new courses required for this degree program.

Courses offered as part of this degree will come from existing offerings across the many graduate degrees that have supply chain management as a core component. These courses exist in other programs and so can be integrated in a more comprehensive collective to form the MS in Supply Chain Management.



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9. FACULTY, STAFF, AND RESOURCE REQUIREMENTS

A. Faculty

- i. **Current Faculty** – Complete the table below for all current faculty members who will teach in the program. If listing faculty from an academic unit outside of the one proposing the degree, please provide a support statement from that unit.

Name	Rank	Highest Degree	Area of Specialization/Expertise	Estimated Level of Involvement
Reynold Byers	Clinical Professor	PhD	Supply Chain Management	2 courses (SCM 502, SCM 515)
Craig Carter	Professor	PhD	Supply Chain Management	1 course (SCM 520)
Kevin Dooley	Professor	PhD	Supply Chain Management	1 course (SCM 502)
Brett Duarte	Clinical Assistant Professor	PhD	Supply Chain Management	1 course (SCM 515)
Mohan Gopalakrishnan	Chair & Associate Professor	PhD	Supply Chain Management	3 courses (SCM 532, SCM 541, and SCM 551)
John Fowler	Professor	PhD	Supply Chain Management	2 courses (SCM 502, SCM 551)
Srimathy Mohan	Associate Professor	PhD	Supply Chain Management	2 courses (SCM 515, SCM 541)
Hongmin Li	Associate Professor	PhD	Supply Chain Management	1 course (SCM 520)
Patricia Swofford	Clinical Assistant Professor	PhD	Supply Chain Management	2 courses (SCM 532, SCM 545)
Joseph Van Orden	Clinical Assistant Professor	PhD	Supply Chain Management	3 Courses (SCM 541, SCM 545, SCM 551),

- ii. **New Faculty** - Describe the new faculty hiring needed during the next three years to sustain the program. List the anticipated hiring schedule and financial sources for supporting the addition of these faculty members.

None Expected

- iii. **Administration of the program** - Explain how the program will be administered for the purposes of admissions, advising, course offerings, etc. Discuss the available staff support.

The Faculty Director of the MS program will oversee curriculum and the Graduate Programs Office will oversee its operation. Admissions will be advised by a committee of supply chain management faculty appointed by the Director in consultation with the department chair of the Department of Supply Chain Management. Course offerings and curriculum development and review will be handled by the Director and Associate Dean for the W. P. Carey Graduate Programs Office. Career advising will be managed by the W. P. Carey School of Business Career Center. Student services (i.e. matriculation, course registration,



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graduation coordination, approval of plans of study) will be managed by the W. P. Carey Graduate Programs Office student services team.

- B. Resource requirements needed to launch and sustain the program:** Describe any new resources required for this program's success such as new staff, new facilities, new library resources, new technology resources, etc.

Current W. P. Carey School of Business staff and ASU facilities and resources should be adequate for this new degree



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**APPENDIX
OPERATIONAL INFORMATION FOR GRADUATE PROGRAMS**

(This information is used to populate the [Graduate Programs Search](#)/catalog website.)

- 1. Proposed title of major:** Supply Chain Management
- 2. Marketing description** *(Optional - 50 words maximum. The marketing description should not repeat content found in the program description.)*
A perfect solution for students who want to gain or strengthen supply chain management expertise, W. P. Carey Master of Science in Supply Chain Management degree is delivered by a world-renowned supply chain management faculty housed in one of the best business schools in the U.S. and can be completed in as few as nine months.
- 3. Provide a brief program description** *(Catalog type (i.e. will appear in Degree Search) – no more than 150 words. Do not include any admission or curriculum information)*

The MS in Supply Chain Management program is designed to prepare students for advancement in supply chain management careers across a broad diversity of industries and functions. Careers may also be in management, consulting, business development, and supply chain management information technology. The program provides an understanding of the role the supply chain manager can play in an enterprise supply chain and overall strategy. The program exposes students to leading supply chain management operating practices, analysis methods, technology applications, and strategy development.

- 4. Delivery/Campus Information Options:** ASU Online only

- 5. Campus(es) where program will be offered:**
ASU Online curriculum consists of courses that have no face-to-face content. iCourses are online courses for students in on-campus programs. iCourses may be included in a program, but may not comprise the entirety of a program. On-campus programs must have some face-to-face content.
Note: Office of the Provost approval is needed for ASU Online delivery option.

ASU Online only (all courses online and managed by ASU Online)

All other campus or location options (please select all that apply):

Downtown Phoenix Polytechnic Tempe West Other:

Both on-campus and ASU Online* - (check applicable campus(es) from options listed above)

Note: Once students elect a campus or Online option, students will not be able to move between the on-campus and the ASU Online options. Approval from the Office of the University Provost and Philip Regier (Executive Vice Provost and Dean) is required to offer programs through ASU Online. Please complete the ASU Online Offering form in [Curriculum ChangeMaker](#) to begin this request. Prior to completing the online Curriculum ChangeMaker form, please contact EdPlus at asuonline@asu.edu who can provide you with additional information regarding the online request process.



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6. Admission Requirements:

Applicants must fulfill the requirements of both the Graduate College and the W. P. Carey School of Business.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in business, engineering or sciences (such as math, statistics) or related field, from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

Applicants are required to submit:

1. graduate admission application and application fee
2. official transcripts
3. proof of English proficiency
4. GMAT or GRE scores
5. two letters of recommendation
6. letter of intent/written statement

Additional Application Information

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

7. Application Review Terms (if applicable session):

Indicate the first term and year in which applications will be opened for admission. Applications will be accepted on a rolling basis after that time.

Note: It is the academic unit's responsibility to display program deadline dates on their website.

Terms	Years	University Late Fee Deadline
<input checked="" type="checkbox"/> Fall (regular) <input type="checkbox"/> Session B	(year): 2019 (year):	July 1st October 1st
<input type="checkbox"/> Spring (regular) <input type="checkbox"/> Session B	(year): (year):	December 1st February 8th
<input type="checkbox"/> Summer (regular) <input type="checkbox"/> Summer B	(year): (year):	May 14th May 14th
<p><i>Note: Session B is only available for approved online programs.</i></p>		

Program admission deadlines website address:



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8. Curricular Requirements:

Curricular Structure Breakdown for the Academic Catalog:
(To be completed by the Graduate College)

30 credit hours including the required capstone course (SCM 551)

Required Core (3 credit hours)

SCM 502 Operations and Supply Management (3)

Electives or Research (24 credit hours)

Culminating Experience (3 credit hours)

SCM 551 Advanced Supply Chain Planning and Control (3)

Additional Curriculum Information

Students choose elective and research coursework from a restricted list. Please see the academic unit for the approved course list. Other coursework may be use with approval of the academic unit.

9. Comprehensive Exams:

Master's Comprehensive Exam (when applicable), please select from the appropriate option.

N/A

10. Allow 400-level courses: Yes No

Note: No more than 6 credit hours of 400-level coursework may be included on a graduate student plan of study.

11. Committee:

Required number of thesis committee members (must be at least 3 including chair or co-chairs): 0

Required number of non-thesis option committee members (must be a minimum of one): 1

12. Keywords: List all keywords that could be used to search for this program. Keywords should be specific to the proposed program – limit 10 keywords.

Business, supply chain, supply chain management, management

13. Area(s) of Interest

A. Select one (1) primary area of interest from the list below that applies to this program.

- | | |
|--|---|
| <input type="checkbox"/> Architecture & Construction | <input type="checkbox"/> Interdisciplinary Studies |
| <input type="checkbox"/> Arts | <input type="checkbox"/> Law & Justice |
| <input checked="" type="checkbox"/> Business | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Communication & Media | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Education & Teaching | <input type="checkbox"/> STEM |
| <input type="checkbox"/> Engineering & Technology | <input type="checkbox"/> Science |
| <input type="checkbox"/> Entrepreneurship | <input type="checkbox"/> Social and Behavioral Sciences |
| <input type="checkbox"/> Health & Wellness | <input type="checkbox"/> Sustainability |
| <input type="checkbox"/> Humanities | |



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B. Select **one (1)** secondary area of interest from the list below that applies to this program.

- | | |
|--|---|
| <input type="checkbox"/> Architecture & Construction | <input type="checkbox"/> Interdisciplinary Studies |
| <input type="checkbox"/> Arts | <input type="checkbox"/> Law & Justice |
| <input type="checkbox"/> Business | <input type="checkbox"/> Mathematics |
| <input type="checkbox"/> Communications & Media | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Education & Teaching | <input type="checkbox"/> STEM |
| <input checked="" type="checkbox"/> Engineering & Technology | <input type="checkbox"/> Science |
| <input type="checkbox"/> Entrepreneurship | <input type="checkbox"/> Social and Behavioral Sciences |
| <input type="checkbox"/> Health & Wellness | <input type="checkbox"/> Sustainability |
| <input type="checkbox"/> Humanities | |

14. Contact and Support Information:

Office Location - Building Code & Room: <i>(Search ASU map)</i>	BA 445
Campus Telephone Number: <i>(may not be an individual's number)</i>	480-965-3332
Program Email Address: <i>(may not be an individual's email)</i>	wpcareymasters@asu.edu
Program Website Address: <i>(if one is not yet created, use unit website until one can be established)</i>	https://wpcarey.asu.edu/masters-programs
Program Director (Name):	Mohan Gopalakrishnan
Program Director (ASURITE):	mohan
Program Support Staff (Name):	Stacey Lippert
Program Support Staff (ASURITE):	Slippert
Admissions Contact (Name):	Pam Delany
Admissions Contact (ASURITE):	pdussche

15. Application and iPOS Recommendations: List the Faculty and Staff who will input admission/POS recommendations to Gportal **and** indicate their approval for Admissions and/or POS:

NAME	ASURITE	ADMSN	POS
Stacey Lippert	slippert	X	X
Pam Delaney	pdussche	X	
Jessica Gallagher	jgallag5		X
Patrina Yang	pyang29	X	



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APPENDIX II

Support/Impact Statements

W. P. Carey School of Business - Official Submission

From: Jessica Dykstra
Sent: Wednesday, November 28, 2018 4:27 PM
To: curriculumplanning@asu.edu
Cc: Amanda Morales-Calderon <AMANDA.MORALES-CALDERON@asu.edu>; Erin Froncek <Erin.Froncek@asu.edu>
Subject: WPC New Graduate Program Proposal - M. S. in Supply Chain Management

Hello,

Attached please find a new program proposal for an online Master of Science in Supply Chain Management. Originally sent PDF 11/16, but sending along here now per conversation with Amanda re: we aren't finding that note right now. If at all helpful, this signed PDF version of the form is similar to what was shared for initial feedback/questions on 10/12.

Please let me know about any questions you might have!

Thank you!
Jess

Jess Dykstra

Arizona State University | **W. P. Carey School of Business**

Academic Support Analyst

Ph: 480.965.6037 | Jessica.Dykstra@asu.edu

wpcarey.asu.edu | research.wpcarey.asu.edu



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ASU Online/EdPlus – Support Statement



MEMORANDUM

To: Stephen Taylor
From: Casey Evans
Date: October 15, 2018
Subject: Master of Supply Chain Management

Dear Stephen,

On behalf of Dean Regier, I would like to offer this memo of support to launch the Master of Supply Chain Management as early as Spring 2019.

Please note that in order to proceed with implementation you must receive final approval to launch an online program from the University Provost.

Thank you!

Casey Evans

Director, Academic Program Management
EdPlus at ASU
Arizona State University
Phone: (480) 884-1631
Casey.l.evans@asu.edu



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New College of Interdisciplinary Arts and Sciences– Impact Statement

From: Patricia Friedrich
Sent: Friday, December 07, 2018 9:01 AM
To: Kay Faris <KAY.FARIS@asu.edu>; Tosha Ruggles <tosha.ruggles@asu.edu>
Cc: Stacey Kimbell <kimbell@asu.edu>
Subject: Re: MS SCM

Dear Kay,

We are happy to support the MS in Supply Chain Management and foresee no negative impact on our programs. Best of luck with it,

Patty

Patricia Friedrich, PhD
Associate Dean of Academic Programs and Faculty Affairs,
New College of Interdisciplinary Arts and Sciences
Professor of Linguistics/Rhetoric and Composition,
School of Humanities, Arts, and Cultural Studies
Arizona State University P. O. Box 37100
4701 W. Thunderbird Rd. Mail Code 3051
Phoenix, AZ, USA 85069-7100



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Thunderbird School of Global Management – Impact Statement

From: Lena Booth
Sent: Thursday, December 06, 2018 3:05 PM
To: Kay Faris <KAY.FARIS@asu.edu>
Subject: Re: MS SCM

Dear Kay:

Thanks for reaching out. It is great that you are offering a new MS in Supply Chain Management. It does not impact Thunderbird in anyway so we support it. Please let me know if there is anything else you need. Thanks.

Lena

Lena C. Booth, Ph.D. | Associate Dean of Academic Programs and Finance Professor | Thunderbird School of Global Management | 400 E Van Buren, Suite 800 | Phoenix, AZ 85004 || Email: lena.booth@thunderbird.asu.edu | Website: <http://www.thunderbird.edu> | A Unit of Arizona State University Knowledge Enterprise

From: Kay Faris <KAY.FARIS@asu.edu>
Date: Thursday, December 6, 2018 at 12:37 PM
To: Lena Booth <Lena.Booth@thunderbird.asu.edu>
Subject: FW: MS SCM

Hi Lena,

The W. P. Carey School is proposing a new MS in Supply Chain Management We have been asked to request an impact statement from Thunderbird. Would you be able to help us with that? If possible, we would like to have this statement by December 21.

Please let me know if you have any questions—and thank you!

Kay

Kay A. Faris
Senior Associate Dean, Academic Programs
W. P. Carey School of Business
Arizona State University
Tempe, AZ 85287-3406
Kay.Faris@asu.edu



PROPOSAL TO ESTABLISH A NEW MASTER'S
DEGREE PROGRAM

College of Liberal Arts and Sciences – Impact Statement

From: Fabio Milner
Sent: Wednesday, December 12, 2018 3:08 PM
To: Kay Faris <KAY.FARIS@asu.edu>
Cc: Fabio Milner <milner@asu.edu>; Kyle Rader <kwrader@asu.edu>; Jeffrey Cohen <Jeffrey.J.Cohen@asu.edu>; Nancy Gonzales <nancy.gonzales@asu.edu>; Elizabeth Wentz <WENTZ@asu.edu>; Patrick Kenney <pkenney@asu.edu>
Subject: MS SCM

Dear Kay,

CLAS has no objection and supports the W. P. Carey School proposed MS in Supply Chain Management.

Best,
Fabio

Fabio Augusto Milner, PhD
Associate Dean of Graduate Initiatives
[College of Liberal Arts and Sciences](#)
[Director of Mathematics for STEM Education](#)
[School of Mathematical and Statistical Sciences](#)
[Arizona State University](#)



Armstrong Hall, Office 285
milner@asu.edu
URL: <https://clas.asu.edu/content/fabio-milner>

To: Fabio Milner <milner@asu.edu>
Subject: Fwd: MS SCM

Begin forwarded message:

From: Kay Faris <KAY.FARIS@asu.edu>
Date: December 6, 2018 at 2:35:30 PM EST
To: Kyle Rader <kwrader@asu.edu>



**PROPOSAL TO ESTABLISH A NEW MASTER'S
DEGREE PROGRAM**

Cc: Kay Faris <KAY.FARIS@asu.edu>

Subject: FW: MS SCM

Hi Kyle,

The W. P. Carey School is proposing a new MS in Supply Chain Management. We have been asked to request an impact statement from your college. Could you please help us with that? If possible, we would like to have this statement by December 21.

Please let me know if you have any questions!

Thanks,

Kay

Kay A. Faris
Senior Associate Dean, Academic Programs
W. P. Carey School of Business
Arizona State University
Tempe, AZ 85287-3406
Kay.Faris@asu.edu



**PROPOSAL TO ESTABLISH A NEW MASTER'S
DEGREE PROGRAM**

Ira A. Fulton Schools of Engineering – Impact Statement

From: Jeremy Helm <JEREMY.HELM@asu.edu>
Sent: Tuesday, January 15, 2019 2:47 PM
To: Stephen Taylor <Stephen.P.Taylor@asu.edu>
Cc: James Collofello <JAMES.COLLOFELLO@asu.edu>
Subject: RE: MS in Supply Chain Management

Hi Steve,

The Fulton Schools of Engineering supports the W. P. Carey School's **MS in Supply Chain Management** new degree proposal. We are looking forward to continued discussions regarding: 1) The possibility of including IEE courses as electives in the MS in Supply Chain Management degree program; 2) The possibility of activating the [MS in Supply Chain Management and Engineering](#) degree program.

Best,
Jeremy

Jeremy Helm
Senior Director, Academic and Student Affairs
Ira A. Fulton Schools of Engineering
Arizona State University
Tempe, AZ 85287-8109
Phone: (480) 965-8931
Jeremy.Helm@asu.edu



**PROPOSAL TO ESTABLISH A NEW MASTER'S
DEGREE PROGRAM**

College of Integrative Arts and Sciences – Impact Statement

To be provided prior to University Graduate Council support to proceed.



PROPOSAL TO ESTABLISH A NEW MASTER'S
DEGREE PROGRAM

APPENDIX III

Assessment Plan

University Office of Evaluation and Educational Effectiveness
Academic Program Assessment Plan
MS in Supply Chain Management

10-12-2018

Status:UOEEE Provisional Approval

Comments:

Element Outcome Measure Description

Outcome	1		Students will evaluate a case study and create an actionable plan to a problem to demonstrate graduate-level proficiency in critical thinking within the supply chain management domain.
Plan_2Concepts	1		Issue identification, context and assumptions, thesis or approach, evaluation of evidence, conclusions and inferences
Plan_3Competencies	1		Student is able to state and describe the issue or problem that is being addressed, state and question implicit assumptions, identify the relevant contexts for stakeholders, evaluate source material and selects appropriate evidence to support the student's claims.
Measure	1	1	Students will analyze and complete a case study that forces them to choose between conflicting aspects of supply chain management in their capstone course
PC	1	1	At least 80% of the sampled students who develop a plan will meet or exceed expectations on the rubric used to evaluate critical thinking
Measure	1	2	Students surveyed upon graduation (Graduate and Law Student Report Card) will evaluate the strength of their university preparation in "Critical Thinking Skills"
PC	1	2	80% or more of surveyed students will rate their preparation as "Very Strong" or "Strong"
Measure	1	3	Students surveyed 3 years after graduation (Graduate Alumni Survey) will evaluate the quality of "Acquiring job or work-related knowledge and skills"
PC	1	3	80% or more of surveyed students will rate their preparation as "Very Much" or "Quite a Bit"



PROPOSAL TO ESTABLISH A NEW MASTER'S DEGREE PROGRAM

Element Outcome Measure Description

Outcome	2		Students will evaluate a case study, evaluate options, and select and defend recommendations through writing to demonstrate graduate-level communication skills within the supply chain management domain.
Plan_2Concepts	2		Purpose of Assignment; Audience Awareness; Support and Development; Organization and Structure; Style, Diction and Conciseness; Mechanics
Plan_3Competencies	2		Written communication states the purpose and meets the audience's needs and expectations with regard to tone, design, and visual appeal, demonstrates developed main ideas with sufficient support, logical sequence with recognizable introduction, body, and conclusion, attempts to use paragraph structure and transitions to enable comprehension, demonstrates some variety of sentence structure, varied vocabulary and appropriate use of business terms, demonstrate proficient word usage, spelling, punctuation and capitalization errors do not interfere in a major way with the readability and writer's credibility.
Measure	2	1	Students will prepare an analysis of a case that succinctly describes the problems, methodologies, outcomes, and recommendations in their capstone course
PC	2	1	At least 80% of the sampled students who develop a plan will meet or exceed expectations on the rubric used to evaluate communication
Measure	2	2	Students surveyed upon graduation (Graduate and Law Student Report Card) will evaluate the strength of their university preparation in "Writing Skills"
PC	2	2	80% or more of surveyed students will rate their preparation as "Very Strong" or "Strong"
Measure	2	3	Students surveyed 3 years after graduation (Graduate Alumni Survey) will evaluate the quality of "Writing Skills"
PC	2	3	80% or more of surveyed students will rate their preparation at a level of "Quite a Bit" or "Very Much"



PROPOSAL TO ESTABLISH A NEW MASTER'S DEGREE PROGRAM

Element Outcome Measure Description

Outcome	3		Students will complete a final exam that comprehensively measures their ability to evaluate scenarios within the end-to-end supply chain management domain, thus demonstrating graduate-level proficiency in supply chain management knowledge.
Plan_2Concepts	3		Supply chain management as a tool for competitiveness, Shifting between technical and business communications, Analysis of supply chain activities, Mapping of supply chain construct
Plan_3Competencies	3		1. Conduct advanced analyses used in standard operations of global supply chains including inventory, transportation, warehousing, procurement, and network design; 2. Explain how technology is used in supply chain management from fundamental use to innovative applications; 3. Demonstrate the ability to apply core methodologies in modeling the physical, informational, and financial flows in global supply chains; 4. Effectively present information and analyses in oral presentations and discussions, and; 5. Communicate analyses and recommendations in written form.
Measure	3	1	Students will complete a final examination designed to assess their mastery of the program material which will be assigned in their capstone course
PC	3	1	At least 80% of the sampled students who complete the final exam will meet or exceed expectations on the rubric used to evaluate discipline-specific knowledge
Measure	3	2	Students surveyed upon graduation (Graduate and Law Student Report Card) will evaluate the strength of their university preparation in "Subject Matter in the Field"
PC	3	2	80% or more of surveyed students will rate their preparation as "Very Strong" or "Strong"
Measure	3	3	Students surveyed 3 years after graduation (Graduate Alumni Survey) will evaluate the quality of "Acquiring job or work-related knowledge and skills"
PC	3	3	80% or more of surveyed students will rate their preparation at a level of "Quite a Bit" or "Very Much"



PROPOSAL TO ESTABLISH A NEW MASTER'S DEGREE PROGRAM

(NEW GRADUATE INITIATIVES)

PROPOSAL PROCEDURES CHECKLIST

Academic units should adhere to the following procedures when requesting new curricular initiatives (degrees, concentrations or certificates).

- Obtain the required approval from the Office of the Provost to move the initiative forward for internal ASU governance reviews/approvals. Please see the academic strategic plan website at: <https://provost.asu.edu/curriculum-development>.**
- Submit any new courses that will be required for the new curricular program to the Curriculum ChangeMaker online course approval system for review and approval.**
 - Additional information can be found at the Provost's Office Curriculum Development website: [Courses link](#)
 - For questions regarding proposing new courses, send an email to: courses@asu.edu
- Prepare the applicable proposal template and operational appendix for the proposed initiative.**
- Obtain letters or memos of support or collaboration (if applicable).**
 - when resources (faculty or courses) from another academic unit will be utilized
 - when other academic units or degree programs may be impacted by the proposed request
 - if the program will have an online delivery option support will be required from the Provost's office and ASU Online. *(Please complete the ASU Online Offering form in [Curriculum ChangeMaker](#) to begin this request.)*
- Obtain the internal reviews/approvals of the academic unit.**
 - internal faculty governance review committee(s)
 - academic unit head (e.g. Department Chair or School Director)
 - academic unit Dean or their designee (will submit approved proposal to the curriculumplanning@asu.edu email account for further ASU internal governance reviews (as applicable, University Graduate Council, CAPC and Senate)

Additional Recommendations

All new graduate programs require specific processes and procedures to maintain a successful degree program. Below are items that the Graduate College strongly recommends that academic units establish after the program is approved for implementation.

- Establish satisfactory academic progress policies, processes and guidelines** – Check within the proposing academic unit and/or college to see if there are existing academic progress policies and processes in place. If none have been established, please go to http://graduate.asu.edu/faculty_staff/policies and scroll down to the **academic progress review and remediation processes** (for faculty and staff) section to locate the reference tool and samples for establishing these procedures.
- Establish a Graduate Student Handbook for the new degree program** – Students need to know the specific requirements and milestones they must meet throughout their degree program. A Graduate Student Handbook, provided to students when they are admitted to the degree program and published on the website for the new degree, gives students this information. To be included in the handbook are the unit/college satisfactory academic progress policies, current degree program requirements (outlined in the approved proposal) and a link to the Graduate Policies and Procedures website: http://graduate.asu.edu/faculty_staff/policies.