

Name: _____ PUID: _____ Date: _____

Technology Leadership & Innovation Core (27 credits)

- _____ (3) TLI 11100 Gateway to Technology Leadership and Innovation *or IT 10400 Industrial Organization*
- _____ (3) TLI 11200 Foundations of Organizational Leadership *or OLS 25200 Human Behaviors in Organizations*
- _____ (3) TLI 21300 Project Management *or TECH 32000 Technology and the Organization*
- _____ (3) TLI 21400 Introduction to Supply Chain Management Technology *or IT 23000 Industrial Supply Chain Management*
- _____ (3) TLI 31300 Technology Innovation & Integration: Bar Codes to Biometrics *or IT 34500 Auto Identification & Data Capstone*
- _____ (3) TLI 31400 Leading Innovation in Organizations
- _____ (3) TLI 31500 Innovative Product Development and Testing
- _____ (3) TLI 31600 Statistical Quality Control *or IT 34200 Intro to Statistical Quality*
- _____ (3) TLI 41400 Financial Analysis for Technology Systems *or IT 43200 Financial Transaction in Distribution*

Supply Chain Management Technology Core (39 credits)

- _____ (3) TLI 23500 Introduction to Lean & Sustainable System *or IT 21400 Intro to Lean Manufacturing*
- _____ (3) TLI 34200 Warehouse & Inventory Management *or IT 33200 Purchasing, Inventory and Warehouse Management*
- _____ (3) TLI 34250 Purchasing & Contract Management
- _____ (3) TLI 34300 Technical & Service Selling *or IT 33000 Industrial Sales and Sales Management*
- _____ (3) TLI 34350 Business to Business Sales Management
- _____ (3) TLI 43530 Operations Planning & Management *or IT 44200 Production Planning*
- _____ (3) TLI 43640 Lean Six Sigma *or IT 44600 Six Sigma Quality*
- _____ (3) TLI 44275 Global Transportation & Logistics Management *or IT 43400 Global Transportation and Logistics Management*
- _____ (3) MET 14300 Materials & Processes I *or MET 14400 Materials & Processes II*
- _____ (3) MGMT 20010 Business Accounting *or MGMT 20000 Introductory Accounting*
- _____ (3) MGMT 32300 Intro to Market Analysis
- _____ (3) TLI Selective⁸ (See Supplemental Information)
- _____ (3) Capstone Selective¹²
- _____ (0) Globalization Portfolio¹¹

Foundational Course Requirements (24 credits)

- _____ (3) COM 11400 Fundamentals of Speech Communication (*satisfies Oral Communication for core*)
- _____ (3) MA 15800 Precalculus *or* MA 15300 Algebra & Trig I and MA 15400 Algebra & Trig II (*satisfies Quantitative Reasoning for core*)
- _____ (3) PSY 12000 Elementary Psychology *or* SOC 10000 Introductory Sociology (*satisfies Human Cultures Behavioral/Social Science for core*)
- _____ (3) TECH 12000 Design Thinking in Technology (*satisfies Science, Technology & Society and Information Literacy for core*)
- _____ (3) Humanities Selective¹ (*satisfies Human Cultures Humanities for core*) (See Supplemental Information)
- _____ (3) Science Selective² (*satisfies Science for core*) (See Supplemental Information)
- _____ (3) Lab Science Selective² (*satisfies Science for core*) (See Supplemental Information)
- _____ (3) Written Communication Selective⁴ (*satisfies Written Communication for core*) (See Supplemental Information)

General Education (12 credits)

- _____ (3) ECON 21000 Principles of Economics *or* AGEC 21700 Economics *or* ECON 25100 Microeconomics *or* ECON 25200 Macroeconomics
- _____ (3) Mathematics/Statistics Selective⁵ (See Supplemental Information)
- _____ (3) History of Science and Technology Selective⁶ (See Supplemental Information)
- _____ (3) Advanced Communication Selective⁷ (See Supplemental Information)

Free Electives⁹ (9 credits) and Technical Elective¹⁰ (9 credits) (See Supplemental Information)

_____ (FE) _____ (FE) _____ (FE) _____ (TE) _____
 _____ (TE) _____ (TE) _____

University Core Requirements (<http://www.purdue.edu/provost/initiatives/curriculum/course.html>)

Human Cultures Humanities	<input type="checkbox"/>	Science, Technology & Society Selective	<input type="checkbox"/>	TECH 12000
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	Written Communication	<input type="checkbox"/>	ENGL 10600/10800
Information Literacy	<input type="checkbox"/>	Oral Communication	<input type="checkbox"/>	COM 11400
Science Selective	<input type="checkbox"/>	Quantitative Reasoning	<input type="checkbox"/>	MA 15800/15300
Science Selective	<input type="checkbox"/>			

 The student is ultimately responsible for knowing and completing all degree requirements.
 myPurdue Plan is knowledge source for specific requirements and completion

Supply Chain Management Technology

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	TLI 11100 Gateway to TLI		3	TLI 11200 Foundation of Tech Leadership	
3	MA 15800*		3	TLI 21400 Into to Supply Chain MGMT Tech	
3	TECH 12000*		3	PSY 12000 or SOC 10000*	
3	COM 11400*		3/4	Written Communication Selective* ⁴	
3	Humanities Selective* ¹		3	Lab Science Selective* ²	
15			15/16		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	TLI 21300 Project Management		3	ECON 21000 Prin of Econ	
3	TLI 23500 Intro to Lean & Sustainable Systems		3	MGMT 20010 Acct	
3	MET 14300 or MET 14400		3	Technical Elective ¹⁰	
3	Mathematics/Statistics Selective ⁵		3	History of Science and Tech Selective ⁶	
3	Science Selective* ³		3	TLI Selective ⁸	
15			15		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	TLI 31300 Tech Innovation: Biometrics		3	TLI 31500 Innovative Product Dev & Test	
3	TLI 31400 Leading Innovation in Org		3	TLI 34200 Warehouse & Inventory Management	
3	TLI 31600 Statistical Quality Control	Math/Stat selective	3	TLI 34250 Purchasing & Contract MGMT	TLI 21400 min 'C'
3	MGMT 32300 Intro to Marketing		3	TLI 34300 Technical & Service Selling	
3	Advanced Communication Selective ⁷		3	TLI 43530 Operations Management	Math/Stat selective
15			15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	TLI 41400 Financial Analysis for Technology Systems	TLI 33400 min 'C' or MGMT 20010 min 'C'	3	Capstone Selective ¹²	
3	TLI 34350 B2B Sales Management	TLI 34300 min 'C'	3	Technical Elective ¹⁰	
3	TLI 43640 Lean Six Sigma	TLI 23500 and TLI 31600	3	Technical Elective ¹⁰	
3	TLI 44275 Global Transportation & Logistics Management	TLI 34200 min 'C'	3	Free Elective ⁹	
3	Free Elective ⁹		3	Free Elective ⁹	
			0	Globalization Portfolio ¹¹	
15			15		

*Fulfills University Core

- 1) 120 credits listed above are required for the TSCM Bachelor of Science degree.
- 2) 2.0 Graduation GPA required for Bachelor of Science degree.
- 3) 32 credits of upper division courses (30000 level or higher) must be taken at Purdue University, West Lafayette.
- 4) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).

See next page for all supplemental information

The student is ultimately responsible for knowing and completing all degree requirements.

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TSCM Supplemental Information

All prerequisites must be met

¹Humanities Selective (3 credits)

See approved Humanities list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

²Lab Science Selective (3 credits)

Must be a lab from the approved UCC Science list: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

ASTR 26300 Descriptive Astronomy: The Solar System	BIOL 20300 Human Anatomy and Physiology	EAPS 11100 Physical Geology
ASTR 26400 Descriptive Astronomy: Stars and Galaxies	BIOL 20400 Human Anatomy and Physiology	EAPS 11200 Earth through Time
BIOL 11000 Fundamentals of Biology I	BTNY 11000 Intro to Plant Science	EAPS 24300 Earth Materials I
BIOL 11100 Fundamentals of Biology II	CHM 11100 General Chemistry	EAPS 24400 Earth Materials II
BIOL 12100 Biology I: Ecology, Diversity, & Behavior	CHM 11200 General Chemistry	HORT 10100 Fundamentals of Horticulture
BIOL 13100 Biology II: Dev, Structure & Function of Organisms	CHM 11500 General Chemistry	PHYS 17200 Modern Mechanics
BIOL 13500 First year Biology lab	CHM 11600 General Chemistry	PHYS 21800 General Physics I
BIOL 14600 Introduction to Biology	CHM 12500 Introduction to Chemistry	PHYS 21900 General Physics II
	CHM 12600 Introduction to Chemistry II	PHYS 22000 General Physics
	CHM 13600 General Chemistry Honors	PHYS 22100 General Physics
	CHM 20000 Fund of Chemistry	PHYS 24100 Electricity & Optics
	EAPS 10900 The Dynamic Earth	PHYS 27200 Electric & Magnetic Interactions

³Science Selective (3 credits)

Must be a class from the approved UCC Science list: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

⁴Written Communication Selective (minimum 3 credits)

ENGL 10600 First-Year Composition	ENGL 10800 Accelerated First-Year Composition
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⁵Mathematics/Statistics Selective (3 credits)

MA 16010 Applied Calculus I	MA 16500 Analytic Geometry & Calculus I	*STAT 30100 Elementary Statistics Methods (recommended)
MA 16100 Plane Analytic Geometry & Calculus I	MA 16600 Analytic Geometry & Calculus II	
MA 16200 Plane Analytic Geometry & Calculus II	STAT 22500 Intro Probability Models	

⁶History of Science and Technology Selective (3 credits)

HIST 33300 Science and Technology in Western Civilization I	HIST 35000 Science and Technology in the Twentieth Century World	HIST 38700 History of the Space Age
HIST 33400 Science and Technology in Western Civilization II	HIST 38001 History of United States Agriculture	HIST 49400 Science and Technology in American Civilization
	HIST 38400 History of Aviation	

⁷Advanced Communication Selective (3 credits)

COM 31400 Advanced Presentational Speaking	COM 32400 Intro to Organizational Communication	ENGL 30600 Intro Professional Writing
COM 31500 Speech Communication of Technical Information	COM 32500 Interviewing Principles and Practice	ENGL 42000 Business Writing
COM 31800 Principles of Persuasion	COM 41500 Discussion of Technical Problems	ENGL 42100 Technical Writing
COM 32000 Small Group Communication	ENGL 30400 Advanced Composition	

⁸TLI Selective (3 credits)

Any TLI course not already required	ENTR 20000 Intro to Entrepreneurship and Innovation	ENTR 31000 Marketing and Management for New Ventures
		ENTR 48000 Entrepreneurship Capstone

⁹Free Electives (9 credits)

Any non-remedial course offered for credit at the University not already required/being used on the plan of study

¹⁰Technical Elective (9 credits)

Any non-required Purdue Polytechnic course not already required on the plan of study

¹¹Globalization Portfolio (0 credits)

¹²Capstone Selective (3 credits)

TLI 48490 Supply Chain Mgt Tech Capstone
TLI 48800 TLI Capstone