PURDUE UNIVERSITY

Sample Plan of Study Using Courses Available at South Bend
Organizational Leadership & Supervision Associates Degree
Purdue Polytechnic Statewide

PITLI-OLS-AS/OLSV 201810
60 Credits for graduation
Fall 2017

Name: _____   **PUID:** _____   **Date:** _____

Technology Leadership & Innovation Core (12 credits)   "C" or higher required in all TLI courses

- _____ (3) TLI 11100 Introduction to Manufacturing and Supply Chain Systems *or IT 10400 Industrial Organizations*
- _____ (3) TLI 11200 Foundations of Organizational Leadership or OLS 25200 Human Behavior in Organizations
- _____ (3) TLI 21300 Project Management *or TECH 32000 Technology and the Organization or OLS 45000 Project Management*
- _____ (3) TLI 21400 Introduction to Supply Chain Management Technology *or IT 23000 Industrial Supply Chain Management*

Organizational Leadership (12 credits)

- _____ (3) TLI 15200 Business Principles for Organizational Leadership or OLS 27400 Applied Leadership
- _____ (3) TLI 25300 Principles of Technology Strategy or OLS 28400 Leadership Principles
- _____ (3) TLI 25400 Leading Change in Technology Organizations or OLS 38600 Leading Organizational Change and Innovation
- _____ (3) Technology Focus Selective

Foundational Course Requirements (30 credits)

- _____ (3) MA 15555 Quantitative Reasoning or MA 15800 Precalculus *(satisfies Quantitative Reasoning for core)*
- _____ (3) TECH 12000 Design for Technology *(satisfies Science, Technology & Society and* <u>*Information Literacy for core*</u>)
- _____ (3) Behavioral/Social Science Selective *(satisfies BSS for univ. core)* (See Supplemental Information)
- _____ (3) Humanities Foundation Selective *(satisfies Human Cultures Humanities for core)* (See Supplemental Information)
- _____ (3) Science Foundation Selective *(satisfies Science for core)* (See Supplemental Information)
- _____ (3) Lab Science Foundation Selective *(satisfies Science for core)* (See Supplemental Information)
- _____ (3) COM 11400 - (*SPCH-S 121 – Public Speaking) - Fundamentals of Speech Communication *(satisfies Oral Communication for core)*
- _____ (3) Written Communication Foundation Selective *(satisfies Written Communication for core)* (See Supplemental Information)
- _____ (3) ECON 21000 (*ECON-E 103 OR 104 – Intro Microeconomics or Intro Macroeconomics) *or AGEC 21700 or ECON 25100 or 25200*
- _____ (3) Mathematics/Statistics Selective (See Supplemental Information)

Free Electives (6 credits) (See Supplemental Information)
- _____ (FE) _____   _____ (FE) _____

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

Human Cultures Humanities ☐ _____		*Science, Technology & Society Selective* ☐ **TECH 12000**
Human Cultures Behavioral/Social Science ☐ _____		*Written Communication* ☐ _____
Information Literacy ☐ **TECH 12000**		*Oral Communication* ☐ _____
Science Selective ☐ _____		*Quantitative Reasoning* ☐ _____
Science Selective ☐ _____			

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The student is ultimately responsible for knowing and completing all degree requirements.
myPurduePlan is knowledge source for specific requirements and completion
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OLS-AS-South Bend
Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	COM 11400 Fundamentals of Speech Communication* - ***SPCH-S 121** (IUSB)		3	TLI 15200 Business Principles for Organizational Leadership	
3	TECH 12000* Design Thinking in Technology*		3	TLI 11200 Foundations of Org. Leadership	
3	TLI 11100 Intro to Manufacturing & Supply Chain Systems		3	Mathematics/Statistics Selective	
3	MA 15555 Quantitative Reasoning or **MA 15800** Precalculus - Functions & Trig*		3	Science Foundation Selective*	
3	Written Communication Foundation Selective* – **ENG-W 131** (IUSB)*		3	Behavioral/Social Science*	
15			**15**		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	TLI 25300 Principles of Technology Strategy		3	TLI 25400 Leading Change in Tech Organizations	
3	TLI 21300 Project Management		3	Lab Science Foundation Selective*	
3	TLI 21400 Intro to Supply Chain MGMT Tech		3	Technology Focus Selective	
3	Humanities Foundation Selective *		3	Free Elective	
3	ECON 210 or AGEC 21700 - **ECON-E 103** Micro Or **ECON-E 104** Macro (IUSB)		3	Free Elective	
15			**15**		

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OLS AS Supplemental Information
All prerequisites must be met

BOLD indicates courses offered at the South Bend location.   ***Indicates approved IUSB course for South Bend Location.**

Humanities Selective (3 credits)

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

Students attending the South Bend location can go to the following link to review how IU courses transfer to Purdue University to meet University Core Course Requirements:
http://www.purdue.edu/provost/initiatives/curriculum/documents/Retro%20and%20Transfer%20Credit%20Course%20list%205-27-14.pdf

*FINA-F 100 Fundamentals of Studio Drawing	***MUS-M 17400 Music for the Listener**
*HIST-H 105 American History I	***PHIL-P 110 Introduction to Philosophy**
*HIST-H 113 History of Western Civilization 1	***PHIL-P 140 Introduction to Ethics**
*HIST-H 114 History of Western Civilization 2	

Behavioral/Social Science Foundational Seelctive (3 credits): see http://www.purdue.edu/provost/initiatives/curriculum/course.html

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*ECON-E 103 Introduction to Microeconomics	***PSY-P 103 Introduction to Psychology**
*ECON-E 104 Introduction to Macroeconomics	***SOC-S 161 Principles of Sociology**
*POLS-Y 103 Introduction to American Politics	***SOC-S 163 Social Problems**
*POLS-Y 109 Introduction to International Relations	

Lab Science Foundation Selective (3 - 5 credits)
Must be a lab from the approved UCC Science list: http://www.purdue.edu/provost/initiatives/curriculum/course.html

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ASTR 26300 Descriptive Astronomy: The Solar System	EAPS 10900 The Dynamic Earth
ASTR 26400 Descriptive Astronomy: Stars and Galaxies	EAPS 11100 Physical Geology
BIOL 11000 Fundamentals of Biology I	EAPS 11200 Earth through Time
BIOL 11100 Fundamentals of Biology II	EAPS 24300 Earth Materials I
BIOL 12100 Biology I: Ecology, Diversity, & Behavior	EAPS 24400 Earth Materials II
BIOL 13100 Biology II: Dev, Structure & Function of Organisms	ENTM 20600 General Entomology & ENTM 20700 General Entomology Lab
BIOL 13500 First year Biology lab	HORT 10100 Fundamentals of Horticulture
BIOL 14600 Introduction to Biology	PHYS 17200 Modern Mechanics
BIOL 20300 Human Anatomy and Physiology	PHYS 21800 General Physics I
BIOL 20400 Human Anatomy and Physiology	PHYS 21900 General Physics II
BTNY 11000 Intro to Plant Science	PHYS 22000 General Physics
CHM 11100 General Chemistry	PHYS 22100 General Physics
CHM 11200 General Chemistry	PHYS 24100 Electricity & Optics
CHM 11500 General Chemistry	PHYS 27200 Electric & Magnetic Interactions
CHM 11600 General Chemistry	***BIOL-L 100 Humans & the Biological World**
CHM 12500 Introduction to Chemistry	***CHEM-C 101 & 121 Elementary Chemistry & Lab**
CHM 12600 Introduction to Chemistry II	***PHYS-P 201 General Physics I or *PHYS-P 221 Physics I**
CHM 13600 General Chemistry Honors	***PHYS-P 202 General Physics 2 or *PHYS-P 222 Physics II**
CHM 20000 Fund of Chemistry	

Science Foundation Selective (3 - 5credits)
See approved UCC Science list at: http://www.purdue.edu/provost/initiatives/curriculum/course.html

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*BIOL-N 190 The Natural World	***GEOL-G 111 Physical Geology**
*CHEM-N 190 The Natural World	***GEOL-G 112 Historical Geology**
*PHYS-N 190 The Natural World	***GEOL-G 219 Meteorology**
*PHSL-P 130 Human Biology (cannot take both BIOL-L 100 & PHSL-P 130)	***GEOL-N 190 The Natural World**

Written Communication Selective (minimum 3 credits)

ENGL 10600 First-Year Composition   ENGL 10800 Accelerated First-Year Composition   *ENG-W 131 Reading, Writing & Inquiry

Technical Focus Selective (3 credits)

Advanced Manufacturing
MET 14300 Materials and Processes I OR
  MET 14400 Materials and Processes II
MET 24500 Manufacturing Systems
MFET 30000 Applications of Automation in Manufacturing
TLI 23500 Intro Lean & Sustainable Systems
TLI 33520 Human Factors for Tech Systms

Sales and Marketing
AGEC 33100 Principles of Selling in Ag Business
COM 25300 Intro to Public Relations
COM 25600 Intro to Advertising
COM 31800 Principles of Persuasion
CSR 28200 Customer Relations Mgmt.
MGMT 32300 Principles of Marketing

Biometrics (minor in Biometrics)
TLI 31300 Tech Integr: Bar Codes to Biometrics
STAT 30100 Elem Statistical Methods

Supply Chain Management Technology (minor in SCM)
TLI 21400 Intro Supply Chain Mngt Tech
TLI 23500 Intro Lean & Sustainable Systems
TLI 34200 Warehouse & Inventory Mngt
TLI 34250 Purchasing & Contract Mgmt

International Leadership
AGEC 34000 International Economic Dev
AGEC 43500 Leadership in a Changing World
COM 30300 Intercultural Communication
COM 22400 Com in the Global Workplace
POL 23500 International Relations Among Rich and Poor Nations
POL 34500 West European Democracies in the Post-Industrial Age
POL 43300 International Organization
POL 43500 International Law
Any foreign language 20100 or higher, max 6 cr
Any Purdue-approved study abroad credit, 1-6 cr.

Interdisciplinary Polytechnic
Any Polytechnic discipline not already required for the OL
Major – course subjects are AT, CMT, CNIT, CGT, MET, MFET
ECET, and TLI

Mathematics/Statistics Selective (3 credits)

MA 16010 Applied Calculus I   MA 16500 Analytic Geometry & Calculus I
MA 16100 Plane Analytic Geometry & Calculus I   MA 16600 Analytic Geometry & Calcuus II
MA 16200 Plane Analytic Geometry & Calculus II   STAT 22500 Intro Probability Models
*STAT 30100 Elementary Statistics Methods Or ***MATH-K 310**   (recommended)

Free Elective (6 credits)
Any non-remedial course offered for credit at the University not already required/being used on the plan of study