

Name: _____ Date: 3/6/2024

**Unofficial advising worksheet used for planning purposes only
Not a military approved official education plan - contact advisor if one is needed*



Operations Management
Bachelor of Applied Science
Degree Plan 2024-2025

Technical Foundation credits	48
General Education credits	42
Automation Management credits	30
Total Degree credits	120

All courses indicated are required

General Education Courses

Arts & Humanities (6)			
1.			3
2.			3
Business, Math, Science & Technology (18)			
ACCT	200	Elements of Accounting I	3
ACCT	201	Elements of Accounting II	3
MATH	210	Elementary Statistics	3
BADM	281	Organizational Behavior	3
BADM	202	Principles of Management	3
BADM	282	Human Resource Management	3
Technology/Digital Literacy (3) <i>Select one course</i>			
CSCI	101	Introduction to Computers	3
CIS	147	Principles of Information Technology	
Communications (9)			
ENGL	110	College Composition I	3
ENGL	125	Introduction to Professional Writing	3
COMM	110	Fundamentals of Public Speaking	3
Social and Behavioral Science (6)			
ECON	201	Principles of Microeconomics	3
ECON	202	Principles of Macroeconomics	3
Total Credits			42

Operations Management Courses

ACCT	305	Cost Accounting	3
AM	415	Management of Industrial Facilities	3
AM	441	Ethics in Artificial Intelligence (AI)	3
AM	467	Quality Assurance - Lean Six Sigma	3
ENRG	320	Fundamentals of Workforce Safety	3
FIN	326	Business Finance	3
MGMT	327	Reliability of Manufacturing Processes	3
MGMT	381	Project Management Fundamentals	3
MGMT	427	Logistics and Supply Chain Management	3
MGMT	437	Quality Practices & Measurement	3
Total Credits			30

Technical Foundation Courses

Technical/Elective credits		48
Total Credits		48

Bachelor of Applied Science (BAS)

2024-2025 Catalog

General Education Requirements

Recommended General Education courses highlighted

COMMUNICATIONS

Communications I

(3 Credits) - ENGL 110

Gr.	Cr.	ENGL 110	College Composition I
3	3	ENGL 110	College Composition I

Communications II

(3 Credits) - ENGL 125

Gr.	Cr.	ENGL 125	Introduction to Professional Writing
3	3	ENGL 125	Introduction to Professional Writing

Communications III

(3 credits) - COMM 110

Gr.	Cr.	COMM 110	Fundamentals of Public Speaking
3	3	COMM 110	Fundamentals of Public Speaking

ARTS & HUMANITIES

(6 Credits) - Highlighted courses are recommended

Gr.	Cr.		Gr.	Cr.		Gr.	Cr.	
3	3	ART 110 Introduction to the Visual Art	3	3	ENGL 262 American Literature II	1	1	MUSC 136 Brass Ensemble II
3	3	ART 122 Two-Dimensional Design	3	3	ENGL 278 Alternative Literature	1	1	MUSC 137 Jazz Ensemble
3	3	ART 124 Three-Dimensional Design	3	3	HIST 101 Western Civilization I	1	1	MUSC 138 Percussion Ensemble
3	3	ART 130 Drawing I	3	3	HIST 102 Western Civilization II	1	1	MUSC 145 Applied Music
3	3	ART 210 Art History I	3	3	HIST 103 United States to 1877	1	1	MUSC 146 Applied Music - Major
3	3	ART 211 Art History II	3	3	HIST 104 United States Since 1877	3	3	MUSC 201 World Music
3	3	ART 220 Painting I	3	3	HIST 105 World Civilizations to 1500	3	3	PHIL 101 Introduction to Philosophy
3	3	ART 221 Painting II	3	3	HIST 106 World Civilizations since 1500	3	3	PHIL 210 Ethics
3	3	ART 230 Drawing II	3	3	HIST 220 North Dakota History	3	3	PHIL 220 Introduction to Logic
3	3	ART 250 Ceramics I	3	3	HIST 222 History of the Western Frontier	3	3	PHIL 250 Philosophy in Cinema
3	3	ART 251 Ceramics II	3	3	HIST 224 American Studies I	3	3	PHIL 253 Environmental Ethics
2	2	ART 265 Sculpture I	3	3	HIST 225 American Studies II	3	3	RELS 120 Religion in America
2	2	ART 266 Sculpture II	1-3	3	HIST 243 Historical Investigations	3	3	RELS 201 Life and Letters of Paul
3	3	CIS 280 Cyber Ethics	3	3	HUMS 210 Integrated Cultural Studies	3	3	RELS 203 World Religions
3	3	COMM 211 Oral Interpretation	1-4	3	HUMS 211 Integrated Cultural Excursion	3	3	RELS 220 Old Testament
3	3	ENGL 211 Introduction to Creative Writing	2	3	HUMS 212 Integrated Cultural Enrichment	3	3	RELS 230 New Testament
3	3	ENGL 221 Introduction to Drama	3	3	MUSC 100 Music Appreciation	4	4	SPAN 101 First Year Spanish I
3	3	ENGL 222 Introduction to Poetry	1	3	MUSC 117 Concert Choir	4	4	SPAN 102 First Year Spanish II
3	3	ENGL 233 Fantasy & Science Fiction	1	3	MUSC 118 Chamber Choir	4	4	SPAN 201 Second Year Spanish I
3	3	ENGL 236 Women & Literature	1	3	MUSC 121 String Ensemble	4	4	SPAN 202 Second Year Spanish II
3	3	ENGL 238 Children's Literature	1	3	MUSC 132 Wind Ensemble	3	3	THEA 110 Introduction to Theatre Arts
3	3	ENGL 251 British Literature I	1	3	MUSC 133 Woodwind Ensemble I	3	3	THEA 161 Acting I
3	3	ENGL 252 British Literature II	1	3	MUSC 134 Woodwind Ensemble II	3	3	THEA 180 Dramatic Literature and Style I
3	3	ENGL 261 American Literature I	1	3	MUSC 135 Brass Ensemble I	3	3	THEA 181 Dramatic Literature and Style II
						3	3	THEA 261 Acting II

General Education Requirements Continued

SOCIAL & BEHAVIORAL SCIENCES

(6 Credits) Required

_____	3	ECON 201	Principles of Microeconomics
_____	3	ECON 202	Principles of Macroeconomics

BUSINESS, MATH, TECHNOLOGY

(18 credits) Required

Gr.	Cr.			Gr.	Cr.			Gr.	Cr.		
_____	3	ACCT 200	Elements of Accounting I	_____	3	CIS 147	Principles of Information Security	_____	3	MATH 210	Elementary Statistics
_____	3	ACCT 201	Elements of Accounting II	_____	3	CSCI 101	Introduction to Computers				
_____	3	BADM 202	Principles of Management								
_____	3	BADM 281	Organizational Behavior								
_____	3	BADM 282	Human Resource Mgmt								

DIGITAL LITERACY

Completed _____ Needed _____

(3 Credits) Course listed as both general education and digital literacy may satisfy both requirements.

Gr.	Cr.		
_____	3	CSCI 101	Introduction to Computers
_____	3	CIS 147	Principles of Information Security
_____			Bismarck State College Approved Training Course