

Name: _____

WIN: _____

GRAPHIC & PRINTING SCIENCE**2020-2021**

Cr. Hrs	SEM 1	Cr. Hrs	SEM 2	Cr. Hrs	SEM 3	Cr. Hrs	SEM 4	Cr. Hrs	SEM 5	Cr. Hrs	SEM 6	Cr. Hrs	SEM 7	Cr. Hrs	SEM 8
4	GPS 1500 Intro to GPS (L) (F, Sp, Su1, Su2)	3	GPS 2570 Computer Graphics & Prepress (L) (Sp)	3	PAPR 1000 Intro to Pulp/Paper Manufacturing (L) (F)	4	GPS 2150 Intro to Ink (L) (Sp)	4	GPS 3590 Rotogravure (F)	1	GPS 4400 Seminar (Sp)	4	GPS 4620 Print Estimating (F)	3 or 4	GPS Emphasis Requirement (See Emphasis List)
			GPS 1570 ≥ C		CHEM 1100+1110 ≥ C		GPS 1500, CHEM 1100+1110, PAPR 1000 & MATH 1180 (all ≥ C)		GPS 2150 (may be concurrent) ≥ C		Junior Standing		GPS 3500 or 3580 or 3590 (all ≥ C)		
			GPS 2510 ≥ C												
3	GPS 1570 Imaging Systems (F online)	3 + 1	Gen Ed: Area 6* CHEM 1100+1110 General Chemistry I (F, Sp, Su1, Su2)	3	GPS 3570 Color Mgmt (L) (F)	4	GPS 3500 Offset Lithography (L) (Sp)	3	GPS 4580 Digital Printing & Workflow (L) (F)	1	CHP 3100 Work Experience/ Co-op (F, Sp)	3	GPS 4630 Finishing & Converting (F)	3 or 4	GPS Emphasis Elective (See Emphasis List)
	GPS 1500 (may be concurrent)		MATH 1110 ≥ C or placement		GPS 1570 ≥ C		GPS 2150 (may be concurrent) ≥ C		GPS 3570 (may be concurrent) ≥ C		Junior Standing Dept. Approval		GPS 4620 (may be concurrent) ≥ C		
					GPS 2510 ≥ C				STAT 2160						
3	GPS 2510 Multimedia Pub & Design (L) (F)	3	WMU Essential Studies* Oral and Digital Communication	3 or 4	GPS Emphasis Requirement (See Emphasis List)	4	GPS 3580 Flexography (L) (Sp)	3 or 4	GPS Emphasis Requirement (See Emphasis List)	3 or 4	GPS Emphasis Requirement (See Emphasis List)	3	GPS 4850 Research Design (F)	3	GPS Emphasis Elective (See Emphasis List)
							GPS 2150 (may be concurrent)						Senior Standing in Major		
							STAT 2160								
4	MATH 1180 Precalculus (F, Sp, Su1)	3	IEE 1020 Technical Communication (F, Sp)	3	STAT 2160 Business Statistics (F, Sp, Su1, Su2)	3	GPS Emphasis Elective (See Emphasis List)	4	GPS Emphasis Elective (See Emphasis List)	3 or 4	GPS Emphasis Requirement (See Emphasis List)	3 or 4	GPS Emphasis Requirement (See Emphasis List)	3	WMU Essential Studies* Artistic Theory and Practice
	MATH 1110 ≥ C or placement		ENGL 1000 or plcmnt		MATH 1180 or 1220 ≥ C										
3	WMU Essential Studies* Inquiry and Engagement	3	WMU Essential Studies* Societies and Culture	3	ECON 2010 Microeconomics (F, Sp, Su1, Su2)	3	ECON 2020 Macroeconomics (F, Sp, Su1, Su2)	3	WMU Essential Studies* Personal Wellness	3	GPS Emphasis Elective (See Emphasis List)	3	GPS Emphasis Elective (See Emphasis List)	3	WMU Essential Studies* Global Perspectives
							ECON 2010 preferred								
										3	WMU Essential Studies* World Language and Culture				
	17 hours		16 hours		15-16 hours		18 hours		17-18 hours		14-16 hours		16-17 hours		15-17 hours

* See your academic advisor for general education requirements.

124 hours total

** See your academic advisor for elective courses.

50cr. GPS Req'm'ts

18cr. Emph. Req'm'ts

19cr. Emph. Electives

36cr. WES Req'm'ts

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GRAPHIC & PRINTING SCIENCE - Areas of Emphasis (*choose 1 emphasis*)

Business

Required Courses (18 credits)

- BUS 1750 - Business Enterprise (3)
- CIS 2700 - Business Driven Info Tech (3)
- ACTY 2100 - Principles of Accounting I (3)
- MGMT 2500 - Organizational Behavior (3)
- MKTG 2500 - Marketing Principles (3)
- FIN 3200 - Business Finance (3)

Elective Courses (19 credits)

- CHP 3100 - Work Experience/Co-op (1)
- GPS 2550 - Fundamentals of Packaging (4)
- GPS 4570 - Advanced Multimedia (3)
- GPS 4660 - Systems in Printing Mgmt (3)
- GPS 5100 - Printability Analysis (3)
- PAPR 2420 - Coating (4)
- PAPR 4860 - Independent Research (3)
- PAPR 4950 - Topics in Paper & Printing (3)
- PAPR 4990 - Independent Studies (1-6)
- MGMT 2520 - Human Resource Mgmt (3)
- MKTG 3710 - Marketing Research (3)
- MKTG 3740 - Advertising & Promotion (3)
- LAW 3500 - Computer Law (3)
- LAW 3800 - Legal Environment (3)
- EDMM 1500 - Intro to Manufacturing (3)
- EDMM 2500 - Plastics Prop. & Processing (3)
- EDMM 3050 - Work Analysis (3)
- EDMM 3260 - Operations Planning & Control (3)
- EDMM 3280 - Quality Assurance & Control (3)
- MATH 1220 - Calculus I (4)
- OR- MATH 1700 - Calculus I, Sci & Engr (4)
- MATH 2000 - Calculus w/ Applications (4)
- MATH 1230 - Calculus II (4)
- OR- MATH 1710 - Calculus II, Sci & Engr (4)

Multimedia

Required Courses (18 credits)

- COM 1000 - Communication & Comm. Engagement (3)
- COM 1040 - Public Speaking (3)
- COM 2000 - Human Communication Theory (3)
- COM 2400 - Intro to Media & Telecom (3)
- COM 2410 - Film Communication (3)
- COM 2560 - Digital Media: Planning & Ops (3)

Elective Courses (19 credits)

- CHP 3100 - Work Experience/Co-op (1)
- GPS 2550 - Fundamentals of Packaging (4)
- GPS 4570 - Advanced Multimedia (3)
- GPS 4660 - Systems in Printing Mgmt (3)
- GPS 5100 - Printability Analysis (3)
- PAPR 2420 - Coating (4)
- PAPR 4860 - Independent Research (3)
- PAPR 4950 - Topics in Paper & Printing (3)
- PAPR 4990 - Independent Studies (1-6)
- COM 1700 - Interpersonal Comm. (3)
- COM 2570 - Intro to Audio Production (3)
- COM 3070 - Freedom of Expression (3)
- COM 3410 - Film Modes & Genres (3)
- COM 3420 - The International Film Industry (3)
- COM 3430 - American Film History (3)
- COM 3540 - Web Design & Digital Comm (3)
- COM 4410 - Documentary in Film & TV (3)
- COM 4430 - Media & Social Change (3)
- COM 4440 - Mass Comm, News & Public Affairs (3)
- COM 4450 - Media Criticism (3)
- COM 4550 - International Telecom (3)
- MATH 1220 - Calculus I (4)
- OR- MATH 1700 - Calculus I, Sci & Engr (4)
- MATH 2000 - Calculus w/ Applications (4)
- MATH 1230 - Calculus II (4)
- OR- MATH 1710 - Calculus II, Sci & Engr (4)
- EDMM 3260 - Operations Planning & Control (3)

Packaging

Required Courses (14 credits)

- PAPR 2040 - Stock Prep & Papermaking (4)
- PAPR 2420 - Coating (4)
- MKTG 2900 - Intro to Food & CPG Industries (3)
- EDMM 1420 - Engineering Graphics (3)

Elective Courses (23 credits)

- CHP 3100 - Work Experience/Co-op (1)
- GPS 4570 - Advanced Multimedia (3)
- GPS 4660 - Systems in Printing Mgmt (3)
- GPS 5100 - Printability Analysis (3)
- PAPR 2550 - Paper Physics Fundamentals (4)
- PAPR 4860 - Indep. Research (3)
- PAPR 4950 - Topics in Paper & Printing (3)
- PAPR 4990 - Independent Studies (1-6)
- CHEM 1120 - General Chemistry II (3)
- CHEM 1130 - General Chemistry Lab II (1)
- EDMM 1500 - Intro to Manufacturing (3)
- EDMM 2460 - Intro to CAD (3)
- EDMM 2500 - Plastics Prop. & Process (3)
- EDMM 3260 - Ops Planning & Control (3)
- MATH 1220 - Calculus I (4)
- OR- MATH 1700 - Calculus I, Sci & Engr (4)
- MATH 1230 - Calculus II (4)
- OR- MATH 1710 - Calculus II, Sci & Engr (4)