

# ASSOCIATE OF ARTS IN BUSINESS

Curriculum Sheet Walsh University 2022-2023

Student: \_\_\_\_\_ Advisor \_\_\_\_\_ Catalog Year \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F- YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

Associate of Arts in Business Core

## Credit Hours

Semester Taken	Final Grade	Course	Credit Hour	Prerequisite
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 231 Business Law	3	
		BUS 233 Principles of Marketing	3	
		BUS 234 Principles of Management	3	
		BUS 363 Corporate Finance I	3	
		ECON 203 Microeconomics	3	
		ECON 204 Macroeconomics	3	
		ENG 102 Reading and Writing Connections	3	
		Total Hours	30	

## Accounting

## Management

Additional Business Courses 18 Credit Hours				Additional Business Courses 18 Credit Hours			
		Prerequisite				Prerequisite	
		BUS 385 (3)				BUS 360 (3)	BUS 234
		BUS 371 (3)	BUS 208			BUS 318 (3)	BUS 234
		BUS 372 (3)	BUS 371			BUS 361 (3)	BUS 106, 232
		BUS 423 (3)	BUS 372			BUS 383 (3)	BUS 234
		BUS 424 (3)	BUS 423			BUS 418 (3)	BUS 234, Junior status
		BUS 434 (3)	BUS 372			BUS 417	BUS 234

## Marketing

Additional Business Courses 18 Credit Hours							
		Prerequisite					
		GD/COM 295					
		BUS 309 (3)	BUS 233				
		BUS 416 (3)	BUS 309, 311				
		BUS 430 (3)	BUS 233				
Choose 2 from:							
		BUS 426	BUS 308, 311				
		BUS 311	BUS 309				
		BUS 385 (3)					

\*Not an option for degree completion.

**60 Credit Hours required for Graduation**

## UP-TO-DATE RECORD

Date								
Credits								
GPA								

# ASSOCIATE OF ARTS IN HUMAN SERVICES

Curriculum Sheet

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

## English (must meet 102 competency level)

9 credit hours

Semester Taken	Final Grade	Course	Credit Hours
		ENG 101 Exploration of Self	3
		ENG 102 Reading & Writing Connections	3
		ENG 211 Speech	3

## Behavioral Science

6 credit hours

		BSC 221 Statistics for Behavioral Sciences (prerequisite MATH 104)	3
		BSC 301 Social Psychology	3

## Psychology

15 credit hours

		PSY 120 Principles of Psychology	3
		PSY 210 Human Development Across the Lifespan	3
		PSY 340 Addictions (prerequisites PSY 120 or SOC 101)	3
		PSY 401 Abnormal Psychology (prerequisites PSY 251 or BIO major or permission of instructor)	3
		PSY Elective	3

## Sociology

21 credit hours

		SOC 101 Principles of Sociology	3
		SOC 205 Social & Cultural Diversity	3
		SOC 212 Criminal Justice	3
		SOC 303 Marriage, Family and Intimacy	3
		SOC Elective	3
		SOC Elective	3

## Electives

9 credit hours

			3
			3
			3

**The Associate of Arts degree candidate is expected to earn a minimum of 60 semester hours of credit for graduation.**

### UP-TO-DATE RECORD

Date								
Credits								
GPA								

# ASSOCIATE OF ARTS IN LIBERAL ARTS

Curriculum Sheet

Walsh University

2022-2023

**Student:** \_\_\_\_\_

**Advisor** \_\_\_\_\_

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## Associate of Arts in Liberal Arts

**60 Total Credit Hours**

### English (Must meet 102 competency level)

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		ENG 101 Exploration of Self	3
		ENG 102 Reading & Writing Connections (may substitute a 200 or 300 level ENG writing course if placement warrants)	3
		ENG	3
		ENG	3

### History/Government & Foreign Affairs

**9 Credit Hours**

		HIST 101 FD:DV:World Civilization to 1500	-OR-	3
		HIST 102 FD:DV:World Civilization 1500 to Present		
		HIST 103 FD:DV:History of the United States to 1877	-OR-	3
		HIST 104 FD:DV:History of the United States Since 1877		
		GFA 103 FD:American Government	-OR-	3
		GFA 205 FD:State and Local Government		

### Economics

**3 Credit Hours**

		ECON 203 FD:Microeconomics	3
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### Psychology/Sociology

**6 Credit Hours**

		PSYC 120 FD:Principles of Psychology	3
		SOC 101 FD:Principles of Sociology	3

### Natural Science/Mathematics Electives

**6 Credit Hours**

		NS	3
		MATH (104 or higher)	3

### Philosophy/Theology

**6 Credit Hours**

		PHIL 203 FD:Moral Philosophy	3
		THEO 101 FD:The Judeo-Christian Tradition	-OR-
		THEO 102 FD:The Catholic Intellectual Tradition	3

### Music/Art

**6 Credit Hours**

		MUS 102 FD:Classical Music in the Modern World	3
		ARHI 101 FD:The History of Art	3

### Electives

**12 Credit Hours**

			3
			3
			3
			3

**The Associate of Arts degree candidate is expected to earn a minimum of 60 semester hours of credit for graduation.**

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

# ASSOCIATE OF SCIENCE COMPUTER SCIENCE

Curriculum Sheet  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

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## Basic Core English 3 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		ENG 102 Reading & Writing Connections	3

## Philosophy 3 Credit Hours

		PHIL	3
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## Theology 3 Credit Hours

		THEO	3
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## Fine Arts *Choice of Art or Music:* 3 Credit Hours

		ART (3)	
		MUS (3)	

## Social Science/Economics/History *Choice of one of the following:* 3 Credit Hours

		ECON (3)	
		GFA (3)	
		HIST (3)	
		PSYC (3)	
		SOC (3)	

## Associate of Science in Computer Science 24 Credit Hours

		CS 111	Intro to Object-Oriented Program I	3
		CS 212	Intro to Object-Oriented Program II	3
		CS 221	Database Techniques	3
		CS 230	Discrete Patterns I	3
		CS 306	Computer Organization	3
		CS	(above 200)	3
		CS	(above 200)	3
		CS	(above 200)	3

## Mathematics/Natural Science *Choice of* 5-8 Credit Hours

		MATH 221	Statistics <i>and</i>	3
		MATH	(155 or above)	

### OR one of the following:

		MATH 210	Calculus I	3
		MATH 211	Calculus II	3
		MATH 310	Calculus III	3
		MATH 311	Calculus IV	3

See other side for more



**OR two science courses with labs (8 hours)**

		(4)	
		(4)	

<b>Electives</b>			<b>13-16 Credit Hours</b>
			3
			3
			3
			3
			3

**The Associate of Science degree candidate is expected to earn a minimum of 60 semester hours of credit for graduation.**

UP-TO-DATE RECORD

Date								
Credits								
GPA								

# COMMUNICATION - DIGITAL MEDIA TRACK

## Bachelor of Arts

Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### COMMUNICATION – DIGITAL MEDIA TRACK

**37-42 Total Credit Hours**

#### Major Requirements

**30 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		COM 175 Digital Creativity Applications	3
		COM 210 Mass Communication and Society	3
		COM/ENG 211 Speech	3
		COM 212 Interpersonal Communication	3
		COM 230 Design for Interactive Media	3
		COM 235 Creative Digital Practice and Production	3
		COM 250 Writing for Mass Media	3
		COM 320 Research Methods in Mass Communication	3
		COM 420 Mass Communication Issues and Ethics	3
		<b>Upper Level Writing Course (choose one). Additional courses may count as electives.</b>	3
		COM 400-5 Writing for Social Media	
		COM 400-9 Writing for Digital Media	
		ENG 323 TH3:The Modern Rhetoric	
		ENG 340 TH3:Professional Writing II	

#### Required Internship Choice: Must be taken for at least one credit

**1-6 Credit Hours**

		COM 430 Media Internship	1-6
		COM 432 Digital Media Internship	1-6

#### Communication Electives\* (Choice of 6 credit hours)

**6 Credit Hours**

		COM 316 Digital Story Telling	3
		COM 345 Video Content Production	3
		CS 251 Web Publishing	3

\*Can also include up to 3 credits of COM 432. The internship requirement can be satisfied with internships in other majors or fields, but other internships do not count as Digital Media electives.

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus  
120+ Digital Campus**

**COMMUNICATION**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**COMMUNICATION MAJOR**

**36 Total Credit Hours**

**Major Requirements**

**21 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		COM 210 Mass Communication and Society	3
		COM/ENG 211 Speech	3
		COM 212 Interpersonal Communication	3
		COM 250 Writing for Mass Media	3
		COM 320 Research Methods in Mass Communication	3
		COM 420 Mass Communication Issues and Ethics	3
		COM ____ Upper Level Communication Writing Elective	3

**Required Internship**

**1-6 Credit Hours**

		COM 430 Media Internship*	1-6
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\*COM 430 credits count toward the twelve credits of Communication electives. This requirement can be satisfied with internships in other majors or fields, but other internships do not count as Communication electives.

**Communication electives can include: ENG 220, 240, 320, 323, 335, 340, 341, 385, 420, 440;  
GD 295, 296; and BUS 233, 430**

**Communication Electives**

**15 Credit Hours**

		COM ____	3
		COM ____	3
		COM ____	3
		COM ____	3
		COM ____	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus  
120+ Digital Campus**

# CORPORATE COMMUNICATION

## Bachelor of Arts

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

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## CORPORATE COMMUNICATION MAJOR

**43-48 Total Credit Hours**

### Business

**15 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BUS 106 Introduction to Excel	3
		BUS 234 TH1:CIT:Principles of Management	3
		BUS 233 Principles of Marketing	3
		BUS 360 GL:Cross-Cultural Management	3
		BUS 430 Digital Marketing	3

### Communication

**25-30 Credit Hours**

		COM 175 Digital Creativity Applications	3
		COM/ENG 211 Speech	3
		COM 212 Interpersonal Communication	3
		COM 250 Writing for Massmedia	3
		COM/GD 295 Graphic Design I	3
		COM 360 Introduction to Advertising and Public Relations	3
		COM 430 Media Internship	1-6
		COM 460 Advanced Advertising and Public Relations	3
		COM 475 Senior Capstone Experience in Corporate Comm.	3

### Economics

**3 Credit Hours**

		ECON 203 FD:Microeconomics	3
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### Electives


**Credit Hours: 120+ Main Campus**

**120+ Digital Campus**

### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**CRIMINAL JUSTICE**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University - 2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

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(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

**Criminal Justice – 45-51 Credit Hours**

**Criminal Justice Core**

**24 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		SOC 101 Principles of Sociology <i>*GRADE OF C OR BETTER REQUIRED*</i>	3
		SOC 220 Social Research Methods <i>*GRADE OF C OR BETTER REQUIRED*</i>	3
		BSC 221 Statistics for Behavioral Sciences (prerequisite MATH 104)	3
		SOC 210 Juvenile Crimes and Justice	3
		SOC 212 Criminal Justice	3
		SOC 305 Criminology (prerequisite SOC 101)	3
		SOC 322 Restorative Justice	3
		SOC 401 Sociological Theory (Senior year)	3

**Criminal Justice Electives (select 4 courses)**

**12 Credit Hours**

		SOC Elective	3
		SOC 208 Deviance	3
		SOC 209 Contemporary Policing	3
		SOC ____ SOC Elective	3
		NS 114 Introduction to Forensic Science	3
		BUS 345 Fraud Examination	3
		PSY 340 Addictions	3
		PSY 350-1 Forensic Psychology	
		PSY ____ PSY Elective	
		GFA 245 Law and the Legal System	3

**Culminating Experience for Applied Criminology/Criminal Justice**

**9 to 15 Credit Hours**

		BSC 360 Counseling and Interviewing Processes <i>*GRADE OF C OR BETTER REQUIRED*</i>	3
		BSC 430 Applied Behavioral Science Seminar (prerequisite BSC 360) <i>*GRADE OF C OR BETTER REQUIRED*</i>	3
		BSC 440 Applied Behavioral Science Internship	3-9

**Exit Exam Completed** \_\_\_\_\_ (date)

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Early Assurance Psychology Pre-Occupational Therapy**  
**Bachelor of Arts**  
Major Curriculum Sheet (General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

**Psychology - Pre-OT – 48-51 Credit Hours for years 1 -3**

**Psychology Foundations (18 credit hours)**

Semester Taken	Final Grade	Course	Credit Hours
		PSY 120 Principles of Psychology ( <b>Freshman year</b> )	3
		PSY 210 Human Development Across the Lifespan	3
		SOC 220 Social Research Methods ( <b>Sophomore year</b> )	3
		BSC 221 Statistics for Behavioral Sciences ( <b>prerequisite MATH 104</b> )	3
		PSY 251 Physiological Psychology	3
		PSY 401 Abnormal Psychology	3

**Electives – Select two courses from the list below (6 total credit hours)**

Semester Taken	Final Grade	Course	Credit Hours
		PSY 201 Principles of Learning	3
		PSY 240 Industrial/Org Psychology	3
		PSY 307 Cross-cultural Psychology	3
		PSY 340 Addictions	3
		BSC 301 Social Psychology	3

**OT Preparation (15 credit hours)**

		BIO 200 Medical Terminology	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1
		EXS 385 Biomechanics	3
		SOC 101 Principles of Sociology	3

**Culminating Experience – Community/Clinical (9-12 credit hours)**

		BSC 360 Counsel & Interviewing Processes <b>*GRADE OF C OR BETTER REQUIRED*</b>	3
		BSC 430 Applied Beh Science Seminar <b>*GRADE OF C OR BETTER REQUIRED*</b>	3
		BSC 440 Applied Beh Science Internship	3-6

Exit Exam Completed \_\_\_\_\_ (date)

**Masters in Occupational Therapy Required Courses (30 credits)**

		OT 503/503L Human Anatomy/Lab	6
		OT 502 Foundations of Occupational Therapy	3
		OT 504 Conditions in Occupational Therapy	2
		OT 506 Task Analysis	2
		OT 602 Occupational Therapy Evaluation and Assessment Skills	2
		OT 604 Psychosocial Aspects of Occupational Performance	3
		OT 606 Therapeutic Interventions in Pediatrics	3
		OT 608 Biomechanics in Occupational Therapy	3
		OT 610 Neuroscience for the Occupational Therapist	3
		OT 612 Level I Fieldwork A / Seminar	2

UP TO DATE RECORD

Date								
Credits								
GPA								

\* Important Note: 30 credit hours will be counted from the Walsh University Masters in Occupational Therapy Program upon completion of the first two semesters. The B.A. in Psychology Pre-OT will be awarded by Walsh University.

March 2022 BA Psychology Pre-OT 3+2 Program

**GOVERNMENT and FOREIGN AFFAIRS**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student** \_\_\_\_\_ **Advisor** \_\_\_\_\_  
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**GOVERNMENT AND FOREIGN AFFAIRS MAJOR**

**36 Total Credit Hours**

**GFA Foundation Courses**

**18 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		GFA 103 FD:DV:American Government (Freshman year)	3
		MATH 221 or BSC 221 Statistics (Sophomore year, 1 <sup>st</sup> semester)	3
		GFA 214 Introduction to Research (Sophomore year, 1 <sup>st</sup> semester)	3
		GFA 301 FD:World Politics (Sophomore year, 2 <sup>nd</sup> semester or Junior year, 1 <sup>st</sup> semester)	3
		GFA 303 American Political Thought (Sophomore year, 2 <sup>nd</sup> semester or Junior year, 1 <sup>st</sup> semester)	3
		GFA 430 Internship	3

**Exit Exam Completed** \_\_\_\_\_ (date) \_\_\_\_\_ Percentile

**GFA Electives**

**15 Credit Hours**

		GFA	3
		GFA	3
		GFA	3
		GFA	3
		GFA	3

**GFA Capstone**

**3 Credit Hours**

For a course to be counted as a capstone, it must be taken in the student's senior year. Students can choose from one of the following courses: GFA 401, GFA 403 (TH1), GFA 405 (TH1), GFA 409 (TH1), GFA 415 (TH1), GFA 423. When taken outside of the senior year, these courses count as GFA electives.

		GFA	3
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**Students are strongly encouraged to take the following courses:**

BUS 106 – Introduction to Excel

PHIL 251 – Symbolic Logic (Freshman year, 2<sup>nd</sup> semester – audit okay as long as students do the work)

ECON 203 – FD:Global Microeconomics (Sophomore year, 1<sup>st</sup> semester)

ECON 204 – FD:Global Macroeconomics (Sophomore year, 2<sup>nd</sup> semester)

ENG 342 – Introduction to Grant Writing (Junior or Senior year – offered spring of odd-numbered years)

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

May 22 BA Gov't and Foreign Affairs

**HEALTHCARE ADMINISTRATION**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University - 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_  
*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Healthcare Administration – 45 Credit Hours**

**Prerequisites (select 2 courses – fulfills Gen Ed core and major requirements) 6 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		ECON 203 IMicroeconomics	3
		PSY 120 Principles of Psychology	3
		SOC 101 Principles of Sociology	3

**Foundations 12 Credit Hours**

		HCA 200 Healthcare Systems	3
		ODL 200 Introduction to Leadership	3
		SOC 220 Social Research Methods	3
		BSC 221 Statistics for Behavioral Sciences (prerequisite MATH 104)	3

**Healthcare Administration 12 Credit Hours**

		BUS 207 Financial Accounting	3
		BUS 208 Managerial Accounting	3
		HCA 300 Healthcare Ethics and Law	3
		HCA 340 Managed Care and Reimbursement	3

**Population Health 12 Credit Hours**

		EXS 263 Personal and Community Health	3
		PSY 240 Industrial/Organizational Psychology	3
		SOC 311 Medical Sociology	3
		SOC 314 Sociology of Aging	3

**Capstone 3 Credit Hours**

		HCA 400 Healthcare Administration Capstone	3
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UP-TO-DATE RECORD

Date								
Credits								
GPA								



# MUSEUM STUDIES

## Bachelor of Arts

Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_ Catalog Year \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Required:

- A total of 39 credit hours in Museum Studies from Lists A, B, C and D below.
- A Minor in one of the following disciplines: Objects Conservation, Art, Art History, Biology, Business, Chemistry, Theology, or History. (This requirement is waived for transfer students on a reduced core.)

### Recommended:

- A double-major in one of the following disciplines: Visual & Performing Arts, Biology, Business, Chemistry, or Theology.
- A Global Learning (GL) Experience.

#### List A: Required Core Museum Studies Courses and Internships

18 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		MS 101 TH1:TH3:Introduction to Museum Studies	3
		MS 201 Public History Practicum	3
		MS 301 Museum Studies Internship I	3
		MS 302 Museum Studies Internship II	3
		MS 401 Senior Seminar in Museology	3
		MS 402 SL:DM:Senior Capstone Independent Study	3

#### List B: Required Core Content Courses (choose three):

9 Credit Hours

		ARHI 101 FD:DV:History of Art	3
		ARHI 200 + TH3:Any Art History Course at 200 level or higher	3
		BIO 101/102 Principles of Biology I <b>OR</b> II	3
		HIST 101/102 FD:World Civilization. to 1500 <b>OR</b> Since 1500	3
		HIST 103/104 FD:History of the U.S. to 1860 <b>OR</b> Since 1860	3
		SOC 202 DV: Cultural Anthropology	3

#### List C: Required Museum Professionalism (choose three):

9 Credit Hours

		COM 360 Introduction to Advertising and Public Relations	3
		MS 225 Introduction to Archives and Records Management	3
		MS 320 Museums of Rome (GL)	3
		MS 325 Exhibition Design	3
		MS 330 Museum Education	3
		MS 390 Museum Administration and Leadership	3
		MS 415 Senior Internship	3

#### List D: Additional Professional Development Course (choose one):

3 Credit Hours

		ENG 240 SL: Professional Writing I	3
		ENG 340 TH3:SL:Professional Writing II	3
		ENG 342 Grant Writing	3

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

# INTERDISCIPLINARY STUDIES

## Bachelor of Arts or Bachelor of Science

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

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## INTERDISCIPLINARY STUDIES MAJOR

**39-42 Total Credit Hours**

### HUMANITIES REQUIREMENTS – 36 Credit Hours

Disciplinary Studies – Insert 3 clusters of 4 courses totaling 12 credit hours, each in a different discipline or area of study, for a total of 36 credit hours.

#### Discipline/Area of Study - A

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3
		(300 Level or Above)	3

#### Discipline/Area of Study - B

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3
		(300 Level or Above)	3

#### Discipline/Area of Study – C

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3
		(300 Level or Above)	3

The Integrative Project will connect the above chosen disciplines or areas of study.

Semester Taken	Final Grade	Course	Credit Hours
		HUM 401 Integrative Project	3

Internship – if not fulfilled through an Internship course in one of the 3 areas of study\*

Semester Taken	Final Grade	Course	Credit Hours
		IDS 480 Internship	1-3

\*The IDS 480 course can be treated as an elective if the student took a different internship with a course prefix/number associated with one of their three disciplines.

\*\*In order to qualify for an off-campus internship, the student must have at least a 2.5 GPA overall. If the student has a GPA below 2.5, an on-campus internship will be provided.

### Electives – if needed to complete required 120 graduation credit hours

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3

UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

May 22 BA-BS Interdisciplinary Studies

**ORGANIZATIONAL DEVELOPMENT AND LEADERSHIP (ODL)**  
**Bachelor of Arts**  
Major Curriculum Sheet (General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Organizational Development and Leadership (ODL)**

**Total 45 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
<b>ODL Core</b>			<b>18 Credit Hours</b>
		SOC 101 Principles of Sociology	3
		PSY 120 Principles of Psychology	3
		PSY 240 Industrial Organizational Psychology	3
		ODL 200 Introduction to Leadership	3
		SOC 220 Social Research Methods	3
		BSC 221 Statistics for Behavioral Sciences (prerequisite MATH 104)	3
<b>ODL Concentrations: Select TWO 12-hour concentrations (one of which may be the choice of Concentration A or B – not both)</b>			<b>24 Credit Hours</b>
<b>Concentration A: Organizational Promotion</b>			
		BUS 233 Marketing in a Global Environment	3
		BUS 308 Global Integrated Marketing Communications	3
		BUS 309 Multicultural Consumer Behavior	3
		BUS 416 Marketing Strategy and Management	3
<b>Concentration B: Resource Development</b>			
		BUS 318 Human Resources Foundation in Global Organizations	3
		BUS 361 Project Management/Global Business Systems	3
		BUS 418 Team Global Management and Leadership	3
		BUS 448 Sustainability Achieved Through Organization Change and Development	3
<b>Concentration C: Corporate Communications</b>			
		COM 212 Interpersonal Communication	3
		COM 250 Writing for Mass Media	3
		COM 360 Intro Advert/Public Relations	3
		COM 330 Desktop Publishing	3
<b>ODL Capstone</b>			<b>3 Credit Hours</b>
		ODL 400 Organizational Development and Leadership Capstone	3
<b>Optional elective for the student accepted in the MBA 4+1 Program</b>			<b>0 Credit Hours</b>
		MBA 600 Business Foundations	

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

March 2022 BA ODL

**PHILOSOPHY**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**PHILOSOPHY MAJOR**

**36 Total Credit Hours**

**Required Courses**

**18 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		<b><u>CHOOSE 1 OF THE FOLLOWING 3 COURSES:</u></b>	
		PHIL 100 FD: Introduction to Philosophy <b>-OR-</b>	3
		PHIL 103 FD: Intro to Art of Thinking <b>-OR-</b>	
		PHIL 110 FD: From Socr-Spiel:Phil Through Film	
		PHIL 202 DV: Philosophy of Human Nature	3
		PHIL 203 FD:DV:Moral Philosophy	3
		PHIL 251 Symbolic Logic	3
		PHIL 406* Internship: Advanced Clinical Bioethics	3
		PHIL 410 Capstone Seminar	3

\*Internship is a requirement for graduation. If there are any concerns regarding the completion of the internship, please contact your academic advisor for guidance and assistance.

**CONCENTRATIONS: Applied Ethics and Great Ideas**

**18 Credit Hours**

Students must take 15 hours in one concentration and 3 hours in the other.

**Applied Ethics**

		PHIL 255 DV: Philosophy of Human Sexuality	3
		PHIL 275 Environment Philosophy	3
		PHIL 304 TH1:TH2: Bioethics	3
		PHIL 350 TH2: Philosophy of Medicine	3
		PHIL 407 Special Topics in Applied Ethics	3

**Great Ideas**

		PHIL 301 Philosophy of Knowledge	3
		PHIL 302 Metaphysics	3
		PHIL 303 DV: Philosophy of Art	3
		PHIL 308 Great Transformations	3
		PHIL 312 DV: Political Philosophy	3
		PHIL 315 Ancient and Medieval Philosophy	3
		PHIL 316 Renaissance and Modern Philosophy	3
		PHIL 317 Contemporary Philosophy	3
		PHIL 408 Seminar: Selected Topics in Philosophy	3
		PHIL 409 Seminar: Selected Philosophers	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

**PROFESSIONAL WRITING**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [ F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**PROFESSIONAL WRITING MAJOR**

**37 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
<b>Professional Writing Core Courses</b>			<b>6 Credit Hours</b>
		ENG 240 Professional Writing I	3
		ENG 340 TH3:Professional Writing II	3
<b>Writing in Context (Select 2 courses)</b>			<b>6 Credit Hours</b>
		ENG 200-1 FD:Studies in Short Fiction	3
		ENG 200-2 FD:Created Equal: Issues of Gender &Race	3
		ENG 200-3 FD:DV:The Body in Pain: The Lang of Illness	3
		ENG 200-4 FD:DV:Money and Success	3
		ENG 200-5 FD:On Drama	3
		ENG 200-6 FD:On Food	3
		ENG 200-8 TH3:DM:Graphic Novels as Art & Literature	3
		ENG 202 FD:British Literature II	3
		ENG 204 FD:World Literature II	3
		ENG 206 FD:US Literature II	3
<b>Advanced Writing Experience (Select 2 courses)</b>			<b>6 Credit Hours</b>
		ENG 323 TH3Modern Rhetoric	3
		ENG 342 Grant Writing	3
		ENG 344 Technical Writing	3
		COM 350* Advanced Journal Writing/Edit Print Media	3
		COM 355* Broadcast Writing/Journalism	3
		COM 365* Writing for Advertising/PR	3
		COM 400-+ Course Descriptions in Catalogue	3
<b>Information Literacy (Select 2 courses)</b>			<b>6 Credit Hours</b>
		HIST 210 Introduction to Research and Writing	3
		COM 320 Research Methods in Mass Communication	3
		GFA 214 Introduction to Research	3
		GFA 215 Research Methods	3
		HON 214 Scholarly Research and Writing (must be in Honors Program to take)	3
<b>Writing Focus (Select 3 courses – students must take at least one from each focus area)</b>			<b>9 Credit Hours</b>
		ENG 375 Understanding Translation	3
		ENG 315-15 Special Topics in International Studies	3
<b>Creative Writing Focus Area</b>			
		ENG 220 Introduction to Creative Writing	3
		ENG 320 Advanced Creative Writing	3
		COM 400-2* Creative Non-Fiction	3
		COM 400-7 Screenwriting	3
<b>Content Development Focus Area (COM 175 is a prerequisite for COM 235 and 316)</b>			
		COM 175 Digital Creativity/Applications	3
		COM 230 Design for Interactive Media	3
		COM 235 Creative Digital Practice/Production	3
		COM 316 Digital Storytelling	3
<b>*COM 250 is a required prerequisite course</b>			
<b>Internship</b>			<b>3 Credit Hours</b>
		ENG 480 Professional Writing Internship	3
<b>Capstone Experience (Select one – student should select a course that matches their area of expertise)</b>			<b>1 Credit Hour</b>
		ENG 405 Professional Writing Portfolio	1

Date								
Credits								
GPA								

# PSYCHOLOGY

## Bachelor of Arts

Major Curriculum Sheet (General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Psychology Major - Research - 42 Credit Hours

### Psychology Major – Community/Clinical - 45-51 Credit Hours

#### **Psychology Foundations (21 credit hours)**

Semester Taken	Final Grade	Course	Credit Hours
		PSY 120 Principles of Psychology ( <b>Freshman year</b> )	3
		PSY 202 Advanced Principles ( <b>prerequisite PSY 120</b> )	3
		SOC 220 Social Research Methods ( <b>Sophomore year</b> )	3
		BSC 221 Statistics for Behavioral Sciences ( <b>prerequisite MATH 104</b> )	3
		PSY 251 Physiological Psychology	3
		PSY 321 Experimental Psychology ( <b>Junior year</b> ) ( <b>prerequisite BSC 221 with grade of C or better</b> )	3
		PSY 401 Abnormal Psychology	3

Exit Exam Completed \_\_\_\_\_ (date)

#### **Core areas in Psychology major – select one from each (9 total credit hours)**

Semester Taken	Final Grade	Course	Cr Hrs
<b>Cognition</b>			
		PSY 201 Principles of Learning	3
		PSY 204 Cognitive Processes	3
		PSY 302 Cognitive Neuropsychology	3
<b>Social Processes</b>			
		PSY 240 Industrial/Org Psychology	3
		PSY 426 Group Process	3
		BSC 301 Social Psychology	3
<b>Development</b>			
		PSY 210 Human Development	3
		PSY 309 Crit Issues - Child & Adoles Dev	3
		SOC 314 Sociology of Aging	3

#### **Electives – choose two (6 total credit hours)**

Semester Taken	Final Grade	Course	Cr Hrs
		PSY 200 Psychology of Violence	3
		PSY 230 Human Sexuality	3
		PSY 290 Psy Trek	3
		PSY 305 Personality	3
		PSY 307 Cross-Cultural Psychology	3
		PSY 308 Principles of Psych Testing	3
		PSY 310 Gender	3
		PSY 340 Addictions	3
		PSY 350 Special Topics	3
		PSY 350-1 Spec Topics–Forensic Psych	3
		PSY 490 Independent Study	3
		SOC 205 Social and Cultural Diversity	3
		PSY _____ Choice of core course area not taken	3
		PSY _____ Choice of core course area not taken	3

#### **Culminating Experience for Psychology Research (6 credit hours)**

Semester Taken	Final Grade	Course	Cr Hrs
		PSY 451 Psychology Seminar	3
		PSY 460 Senior Research Project	3

#### **Culminating Experience for Psychology Community/Clinical (9-15 credit hours)**

Semester Taken	Final Grade	Course	Cr Hrs
		BSC 360 Counseling & Int Processes <b>*GRADE OF C OR BETTER REQUIRED*</b>	3
		BSC 430 Appl Beh Science Seminar <b>*GRADE OF C OR BETTER REQUIRED*</b>	3
		BSC 440 Appl Beh Science Internship	3-9

#### UP TO DATE RECORD

Date								
Credits								
GPA								

**PSYCHOLOGY – PRE-OCCUPATIONAL THERAPY (PRE-OT)****Bachelor of Arts**

Major Curriculum Sheet (General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

**Psychology - Pre-OT – 67-73 Credit Hours****Psychology Foundations (24 credit hours)**

Semester Taken	Final Grade	Course	Credit Hours
		PSY 120 Principles of Psychology ( <b>Freshman year</b> )	3
		PSY 202 Advanced Principles ( <b>prerequisite PSY 120</b> )	3
		PSY 210 Human Development Across the Lifespan	3
		SOC 220 Social Research Methods ( <b>Sophomore year</b> )	3
		BSC 221 Statistics for Behavioral Sciences ( <b>prerequisite MATH 104</b> )	3
		PSY 251 Physiological Psychology	3
		PSY 321 Experimental Psychology ( <b>Junior Year</b> ) ( <b>prerequisite BSC 221 with grade of C or better</b> )	3
		PSY 401 Abnormal Psychology	3

**Core areas in Psychology major – select one from each  
(9 total credit hours)**

Semester Taken	Final Grade	Course	Cr Hrs
<b>Cognition</b>			
		PSY 201 Principles of Learning	3
		PSY 204 Cognitive Processes	3
		PSY 302 Cognitive Neuropsychology	3
<b>Social Processes</b>			
		PSY 240 Industrial/Org Psychology	3
		PSY 426 Group Process	3
		BSC 301 Social Psychology	3
<b>Development</b>			
		PSY 309 Crit Issues - Child & Adoles Dev	3
		SOC 314 Sociology of Aging	3

**Electives – choose two  
(6 total credit hours)**

Semester Taken	Final Grade	Course	Cr Hrs
		PSY 200 Psychology of Violence	3
		PSY 230 Human Sexuality	3
		PSY 290 Psy Trek	3
		PSY 305 Personality	3
		PSY 307 Cross-Cultural Psychology	3
		PSY 308 Principles of Psych Testing	3
		PSY 310 Gender	3
		PSY 340 Addictions	3
		PSY 350 Special Topics	3
		PSY 350-1 Spec Topics–Forensic Psych	3
		PSY 490 Independent Study	3
		SOC 205 Social and Cultural Diversity	3
		PSY _____ Choice of core course area not taken	3
		PSY _____ Choice of core course area not taken	3

**OT Preparation (19 credit hours)**

		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I Lab	1
		BIO 200 Medical Terminology	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1
		EXS 385 Biomechanics	3
		SOC 101 Principles of Sociology	3

**Culminating Experience – Community/Clinical (9-15 credit hours)**

		BSC 360 Counsel & Interviewing Processes <b>*GRADE OF C OR BETTER REQUIRED*</b>	3
		BSC 430 Applied Beh Science Seminar <b>*GRADE OF C OR BETTER REQUIRED*</b>	3
		BSC 440 Applied Beh Science Internship	3-9

Exit Exam Completed \_\_\_\_\_ (date)

## UP TO DATE RECORD

Date								
Credits								
GPA								

**PSYCHOLOGY – PRE-PHYSICAL THERAPY (PRE-PT)****Bachelor of Arts**

Major Curriculum Sheet (General Education Core Requirements Listed Separately)

Walsh University - 2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

**Psychology - Pre-PT – 73 Credit Hours**

Exit Exam Completed \_\_\_\_\_ (date)

**Psychology Foundations (21 credit hours)**

Semester Taken	Final Grade	Course	Credit Hours
		PSY 120 Principles of Psychology (Freshman year)	3
		PSY 202 Advanced Principles (prerequisite PSY 120)	3
		SOC 220 Social Research Methods (Sophomore year)	3
		BSC 221 Statistics for Behavioral Sciences (prerequisite MATH 104)	3
		PSY 251 Physiological Psychology	3
		PSY 321 Experimental Psychology (Junior year) (prerequisite BSC 221 with grade of C or better)	3
		PSY 401 Abnormal Psychology	3

**Core Areas – select one from each (9 total credit hours)**

<b>Cognition</b>			
		PSY 201 Principles of Learning	3
		PSY 204 Cognitive Processes	3
		PSY 302 Cognitive Neuropsychology	3
<b>Social Processes</b>			
		PSY 240 Industrial/Organizational Psychology	3
		PSY 426 Group Process	3
		BSC 301 Social Psychology	3
<b>Development</b>			
		PSY 210 Human Development	3
		PSY 309 Critical Issues in Child & Adolescent Psychology	3
		SOC 314 Sociology of Aging	3

**PT Preparation (31 credit hours)**

		BIO 209 Anatomy & Phys I	3
		BIO 209L Anatomy & Phys I Lab	1
		BIO 210 Anatomy & Phys II prerequisite BIO 209 or by permission	3
		BIO 210L Anatomy & Phys II Lab prerequisite BIO 209L or by permission	1
		BIO 309 Human Physiology prerequisites BIO 209-210	4
		CHEM 101 Principles of Chem I prerequisite proficiency in MATH 104 level or higher	3
		CHEM 101L Principles of Chem I Lab	1
		CHEM 102 Principles of Chem II prerequisite CHEM 101 w/grade of C- or better	3
		CHEM 102L Principles of Chem II Lab	1
		EXS 381 Physiology of Exercise prerequisites BIO 209-210	3
		PHYS 101 Principles of Physics I prerequisites MATH 155-156 (prerequisite for 156: Earn C or better in 155)	3
		PHYS 101L Principles of Physics I Lab	1
		PHYS 102 Principles of Physics II prerequisite PHYS 101 w/ grade of C- or better	3
		PHYS 102L Principles of Physics II Lab	1

**Electives – select 2 (6 total credit hours)**

		PSY 200 Psychology of Violence	3
		PSY 230 Human Sexuality	3
		PSY 290 PsyTrek	3
		PSY 305 Personality	3
		PSY 307 Cross-Cultural Psychology	3
		PSY 308 Principles of Psych Testing	3
		PSY 310 Gender	3
		PSY 340 Addictions	3
		PSY 350 Special Topics	3
		PSY 350-1 Special Topics Forensic Psych	3
		PSY 490 Independent Study	3
		SOC 205 Social & Cultural Diversity	3
		PSY _____ Choice of core course area not taken	3
		PSY _____ Choice of core course area not taken	3

**Culminating Experience – Research (6 credit hours)**

		PSY 451 Psychology Seminar	3
		PSY 460 Senior Research Project	3

**UP TO DATE RECORD**

Date								
Credits								
GPA								



**PUBLIC HEALTH**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University - 2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_  
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**Public Health – 55 Credit**

**Hours Public Health Core**

**21 Credit Hours**

Semester Taken	Final Grade	Course		Credit Hours
		PHM 101	The History of Public Health	3
		PHM 202	Health Economics	3
		PHM 221	Biostatistics	3
		PHM 201	Epidemiology	3
		PHM 301	Health Services	3
		PHM 401	Public Health Studies I	3
		PHM 402	Public Health Studies II	3

**Math**

**6 Credit Hours**

		MATH 155	Pre-Calculus	3
		DAM 410	Foundations of Data Analytics	3

**Additional Requirements**

**28 Credit Hours**

		EXS 263	Personal/Community Health	3
		SOC 101	Principles of Sociology	3
		SOC 220	Social Research Methods	3
		SOC 311	Medical Sociology	3
		SOC 490-3	Health Disparities	
		ECON 205	Introduction to Economics	3
		GFA 323	Public Policy	3
		NURS 390	Issues for Global Healthcare	3
		BIO 101/101L	Principles of Biology I	4

**Exit Exam Completed** \_\_\_\_\_ **(date)**

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**LEGAL STUDIES 3+2 or 3+3 PROGRAM**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

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**LEGAL STUDIES MAJOR**

**36 Credit Hours Total**

**Required Core Courses**

**27 Credit Hours**

Semester Taken	Final Grade		Credit Hours
		BUS 231 Business Law	3
		BUS 300 Sports Law	3
		GFA 245 TH1:Law & the Legal System	3
		GFA 403 TH1:Constitutional Law	3
		GFA 405 TH1:DV:Civil Rights & Liberties	3
		GFA 430 Internship	3
		PHIL 251 Symbolic Logic	3
		SOC 212 Criminal Justice	3
		SOC 305 Criminology	3

**Required Track**

**9 Credit Hours**

\*Students must take 9 total credit hours in a single concentration to complete the requirements for this major.

**Track I: Business (Select 3 courses)**

		ECON 203 FD:Principles of Microeconomics	3
		ECON 204 FD:Principles of Macroeconomics	3
		BUS 209 Corporate Finance I	3
		BUS 234 Principles of Management	3
		BUS 318 DV:Human Resource Management	3

**Track II: Criminal Justice (All 3 courses are required)**

		SOC 210 Juvenile Justice	3
		SOC 312 Victimology	3
		SOC 322 Restorative Justice	3

**Track III: Government (Select 3 courses)**

		GFA 205 FD:State & Local Government	3
		GFA 301 FD:World Politics	3
		GFA 323 TH1:DV:Public Policy	3
		GFA 411 TH1:International Law	3

**\*Important 3+3 (Akron/CUA) Note:** 97 credit hours must be completed by the end of the third year at Walsh University. 28 credit hours will be transferred from the selected law school upon completion of the fourth year of the 3+3 program. The B.A. will be awarded by Walsh University.

**\*\*Important 3+2 (Dayton) Note:** 96 credit hours must be completed by the end of the third year at Walsh University. 29 credit hours will be transferred from the University of Dayton School of Law upon completion of the fourth year of the 3+2 program. The B.A. will be awarded by Walsh University.

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**SOCIAL AND BEHAVIORAL SCIENCE**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University – 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_  
*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**B.A. Social and Behavioral Science – 39 Credit Hours**

**Social Science Core**

**15 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		PSY 120 Principles of Psychology	3
		PSY 240 Industrial/Organizational Psychology	
		SOC 101 Principles of Sociology	3
		SOC 220 Social Research Methods	3
		BSC 221 Statistics for Behavioral Science	3

**Psychology Concentration**

**9 Credit Hours**

		PSY 210 Human Development Across the Lifespan	3
		PSY 340 Addictions	3
		PSY 401 Abnormal Psychology	3

**Sociology Concentration**

**9 Credit Hours**

		SOC 205 Social and Cultural Diversity	3
		SOC 303 Marriage, Family and Intimacy	3
		SOC 307 Death, Dying and Bereavement	3

**Culminating Experience**

**6 Credit Hours**

		BSC 320 Ethics and Professional Skills	3
		BSC 420 Social and Behavioral Science Capstone	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

March 2022 BA Social and Behavioral Science

# SOCIOLOGY – APPLIED FAMILY STUDIES

## Bachelor of Arts

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University - 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Sociology – Applied Family Studies – 39-45 Credit Hours

#### Sociology Core

12 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		SOC 101 Principles of Sociology ( <b>Freshman year</b> ) *GRADE OF C OR BETTER REQUIRED*	3
		SOC 220 Social Research Methods ( <b>Sophomore year</b> ) *GRADE OF C OR BETTER REQUIRED*	3
		BSC 221 Statistics for Behavioral Sciences ( <b>prerequisite MATH 104</b> )	3
		SOC 401 Sociological Theory ( <b>Senior year</b> )	3

#### Applied Family Studies Concentration

12 Credit Hours

		SOC 205 Social and Cultural Diversity	3
		PSY 210 Human Development Across the Lifespan	3
		SOC 303 Marriage, Family and Intimacy	3
		SOC 314 Sociology of Aging	3

#### Electives (select 2 courses)

6 Credit Hours

		BSC 301 Social Psychology	3
		SOC 213 Sociology of Growing Up	3
		SOC 307 Death, Dying and Bereavement	3
		SOC 311 Medical Sociology	3
		SOC ____ Elective	3
		PSY 340 Addictions	3

#### Culminating Experience for Applied Family Studies

9 to 15 Credit Hours

		BSC 360 Counseling and Interviewing Processes *GRADE OF C OR BETTER REQUIRED*	3
		BSC 430 Applied Behavioral Science Seminar ( <b>prerequisite BSC 360</b> ) *GRADE OF C OR BETTER REQUIRED*	3
		BSC 440 Applied Behavioral Science Internship	3-9

**Exit Exam Completed** \_\_\_\_\_ (date)

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**THEOLOGY**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**THEOLOGY MAJOR**

**37-39 Total Credit Hours**

**Theology Requirements**

**27 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		THEO 101 FD: The Judeo-Christian Tradition	3
		THEO 102 FD: The Catholic Intellectual Tradition	3
		THEO 202 TH3/CIT: Christology	3
		THEO 203 TH3/CIT: Christian Moral Life	3
		THEO 302 TH3/CIT: Liturgy and Sacraments	3
		THEO 309 TH1/SL/CIT: Principles of Justice and Peace	3
		THEO 408 Seminar: Topics in Theology	3

**Christian Theology (select one):**

		THEO 200 TH3/CIT: Christian Theology to 1500	3
		THEO 201 TH3/CIT: Christian Theology 1500-Present	3

**Scripture (select one):**

		THEO 217 The Torah	3
		THEO 218 The Prophets	3
		THEO 219 The Writings	3
		THEO 220 The Gospels	3
		THEO 221 The Book of Acts/Letters of Paul	3
		THEO 222 Catholic Letters/Book of Revelation	3

**Theology Electives**

**6 Credit Hours**


**PHIL 200+ Elective**

**3 Credit Hours**

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**Internship**

**1-3 Credit Hours**

		THEO 406 Theology Internship	
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**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

# VISUAL & PERFORMING ARTS

## Bachelor of Arts

Major Curriculum Sheet (General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### VISUAL AND PERFORMING ARTS MAJOR

36-39 Total Credit Hours

#### LIST A - Required Core

12 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		VPA 101 FD:Introduction to Arts Appreciation	3
		VPA 200 Cultural Immersion in the Arts	3
		VPA 301 Professional VPA Internship	3
		VPA 400 DM:Senior Capstone Project in Fine Arts	3

#### LIST B – Focus Area – select four T1 courses in Area of Choice – at least one (1) course in this area must be DV

12 Credit Hours

Semester Taken	Final Grade	Course	Cr Hrs	Semester Taken	Final Grade	Course	Cr Hrs
<b>Studio Art</b>				<b>Music</b>			
		ART 102 FD:Visual Order	3			MUS 170 Fund of Musicianship *REQ*	3
		ART 103 FD:Drawing I	3			MUS 050 Walsh Univ Chorale (3 sem)	1
		ART 200-8 FD:DM:Graphic Novels as Art & Lit	3			MUS 051 Chamber Singers (3 sem)	1
		ART 201 Painting I	3			MUS 053 World Music Ensemble	1
		ART 202 TH3:Painting II	3			MUS 055 Voice (3 sem)	1
		ART 203 Printmaking	3			MUS 060 Band (3 sem)	1
		ART 205 Drawing II	3			MUS 061 Piano (3 sem)	1
		ART 220 TH3:Special Topics in Studio Art	3			MUS 073 Music Theatre/Opera Wkshop	3
						MUS 074 Handbells	3
						MUS 102 FD:Class Music in Mod World	3
<b>Art History</b>						MUS 103 FD:Class Voice	3
		ARHI 101 FD:DV:History of Art	3			MUS 202 TH3:DV:Hist Am Mus Theater	3
		ARHI 200 TH3:Spec Topics in Art History	3			MUS 203 FD:DV:Hist of Blues and Jazz	3
		ARHI 220 TH3:DV:Arts of Asia, Africa & Islam	3			MUS 210 FD:DV:History of Rock Music	3
		ARHI 230 TH3:DV:Native Am/Af Am/Women	3			MUS 211 FD:Music and The Movies	3
		ARHI 240 TH3:Greek & Roman Art	3	<b>Drama</b>			
		ARHI 250 TH3:CIT:Medieval Art	3			ENG 119 Drama Practicum	1
		ARHI 260 TH3:CIT:Renaissance Art	3			ENG 200-5 FD:Intro to Drama	3
		ARHI 265 TH3:CIT:Baroque Art	3				
		ARHI 270 TH3:Modern Art	3				
		ARHI 280 TH3:American Art & Architecture	3				
		ARHI 290 TH3:History of Photography	3				
		ARHI 315 TH3:GL:DM:Global Contemp Art	3				

#### LIST C – OTHER Fine Arts – Select 3 Outside Focus Area (can include ENG 31512 (TH3) and PHIL 303)

9 Credit Hours


#### LIST D – Professionalism Elective – Choose 1

3 Credit Hours

		ENG/COM 211 Speech	3			ENG 342 Grant Writing	3
		ENG 240 Professional Writing I	3			COM 285 DM:Visual Communication	3
		ENG 340 TH3:Professional Writing II	3			COM 360 Intro Advert/PR	3

#### Optional

3 Credit Hours

		VPA 210 Global Learning Arts & Culture	3				
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**\*\*MINIMUM GRADE OF C IS REQUIRED IN EACH COURSE THAT COUNTS TOWARD THE MAJOR\*\***

#### UP TO DATE RECORD

Date							
Credits							
GPA							

**VISUAL COMMUNICATION DESIGN**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**VISUAL COMMUNICATION DESIGN MAJOR**

**39 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
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**Core 1 Requirements**

**21 Credit Hours**

		ARHI 101	FD:DV:Art History	3
		COM 175	Digital Creativity Applications	3
		COM 230	Design for Interactive Media	3
		COM 285	DM:Visual Communication	3
		GD/COM 295	Graphic Design I	3
		GD/COM 296	Graphic Design II	3
		GD 397	Graphic Design III	3

**Once all the above coursework is completed and before proceeding with an internship or the Portfolio/Capstone course, students must participate in a faculty review, have a 2.5 GPA, and meet standards consistent with the graphic design profession.**

**Core 2 Requirements**

**9 Credit Hours**

		GD 398	Graphic Design IV	3
		VCD 430	Internship I	3
		VCD 440	Portfolio/Capstone	3

**Electives – choice of three**

**9 Credit Hours**

		ART 102	FD:Visual Order	3
		ARHI 200+	TH3:Any 200 and higher level ARHI course	3
		ART 103	FD:Drawing	3
		ART 200+	Studio Art	3
		COM 292	Digital Photojournalism	3
		COM 330	Desktop Publishing	3
		COM 402	Adv. Desktop Publishing	3
		CS 251	Web Publishing	3
		GD 385-Series	Special Topics in Advanced Design	3
		VCD 431	Internship II	3

*Additional relevant courses may be applied toward the electives on a case-by-case basis, with approval from the Chair of the Program.*

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

**WEB DESIGN**  
**Bachelor of Arts**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**WEB DESIGN MAJOR**

**42 Total Credit Hours**

**Computer Science Requirements**

**6 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		CS 108 Foundations of Computer Science I	3
		CSC 301 Web Development	3

**Web Design Requirements**

**24 Credit Hours**

		COM 175 Digital Creativity Applications	3
		COM 230 Design for Interactive Media	3
		GD 295 Graphic Design I	3
		GD 296 Graphic Design II	3
		GD 397 Graphic Design III	3
		WDM 301 User Experience I - Understanding User Experience	3
		WDM 302 User Experience II - Building Compelling User Experiences	3
		WDM 400 Capstone Project - Goal Oriented Web Design* (*serves as internship credit)	3

**Additional Requirements (choice of 4)**

**12 Credit Hours**

		BUS 233 Principles of Marketing	3
		BUS 309 DM:DV:Consumer Behavior	3
		BUS 361 Project Management	3
		BUS 383 Creativity and Design Thinking	3
		COM 285 DM:Visual Communication	3
		COM 316 Digital Storytelling	3
		CS 251 Web Publishing	3
		CSC 104 Application Development I	3
		CSC 105 Application Development II	3
		CSM 203 Product Development	3
		VCD 430 Internship	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**



# BEHAVIORAL SCIENCE/COUNSELING

## Bachelor of Arts

Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

### Core required courses (15 credit hours)

Semester Taken	Final Grade	Course	Cr Hrs
		PSY 120 Principles of Psychology (1st year)	3
		SOC 101 Principles of Sociology (1st year)	3
		BSC 221 Statistics for Behavioral Sciences ( <b>Prerequisite MATH 104</b> )	3
		BSC 430 Applied Behavioral Science Seminar (Senior year; <b>prerequisite BSC 560</b> )	3
		BSC 440 Applied Behavioral Science Internship (Senior year; <b>prerequisite BSC 430</b> )	3

### Choose ANY 6 courses listed from the three content areas below (18 credit hours)

Semester Taken	Final Grade	Course	Cr Hrs
<b><u>Psychology</u></b>			
		PSY 201 Principles of Learning	3
		PSY 251 Physiological Psychology	3
		PSY 309 Critical Issues - Child & Adolescent Development	3
		PSY 340 Addictions	3
		PSY 401 Abnormal Psychology	3
<b><u>Sociology</u></b>			
		SOC 205 Social & Cultural Diversity	3
		SOC 303 Marriage, Family and Intimacy	3
		SOC 311 Medical Sociology	3
		SOC 314 Sociology of Aging	3
<b><u>Criminal Justice</u></b>			
		SOC 210 Juvenile Crime & Justice	3
		SOC 305 Criminology	3
		SOC 312 Victimology	3
		SOC 322 Restorative Justice	3

### Core graduate-level courses (all BA/MA students take these four courses; 12 credit hours)

		BSC 502 Research Methods and Program Evaluation ( <b>Senior year</b> )	3
		BSC 510 Theories of Counseling ( <b>Junior year, 1<sup>st</sup> term</b> )	3
		BSC 526 Group Process ( <b>Senior year, 1<sup>st</sup> term</b> )	3
		BSC 560 Intro to Counseling & the Counseling Profession ( <b>Junior year, 2<sup>nd</sup> term</b> )	3

### Additional courses for the following tracks:

#### ☐ School Counseling track ONLY

Sem.	Grade			
		EDUC 107	School and Society	2
		EDUC 206	Exception. & Multicult. in a Global Society	3

#### ☐ Mental Health track & School Counseling track (DUAL)

Sem.	Grade			
		EDUC 107	School and Society	2
		EDUC 206	Exceptionalities & Multiculturalism in a Global Society	3
		BSC 512	Lifespan Development (Senior year)	3
		BSC 503	Assessment in Counseling	3

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

# Supplementary Major in Philosophy

## Bachelor of Arts

Curriculum Sheet

Walsh University

2022-2023

Student: \_\_\_\_\_

Advisor \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Supplemental Major in Philosophy

**27 Total Credit Hours**

#### Requirements

Semester Taken	Final Grade	Course	12 Credit Hours
		PHIL 202 DV: Philosophy of Human Nature	3
		PHIL 203 FD:DV: Moral Philosophy	3
		PHIL 251 Symbolic Logic	3
		PHIL 405 Philosophy Symposium	3

#### Concentrations A) Applied Ethics or B) Great Ideas

**15 Credit Hours**

Students must take 12 hours in one concentration and 3 hours in the other.

#### A) Applied Ethics

		PHIL 255 DV: Philosophy of Human Sexuality	3
		<b>OR</b>	
		PHIL 275 Environment Philosophy	
		PHIL 304 TH1/TH2: Bioethics	3
		PHIL 350 TH2: Philosophy of Medicine	3
		PHIL 406 Internship: Advanced Clinical Bioethics	3
		PHIL ____ Elective at 300 or 400 Level	3

#### B) Great Ideas

		PHIL 301 Philosophy of Knowledge	3
		<b>OR</b>	
		PHIL 302 Metaphysics	
		PHIL 303 DV:Philosophy of Art	3
		PHIL 315 Ancient and Medieval Philosophy	3
		PHIL 316 Renaissance and Modern Philosophy	3
		PHIL 317 Contemporary Philosophy	3
		PHIL ____ Elective at 300 or 400 Level	3

**Additional Requirements: NONE**

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

May 22 BA Supp. Major in Philosophy

# Supplementary Major in Theology

Curriculum Sheet

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

## Supplementary Major in Theology 24 Total Credit Hours

### Requirements 24 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		THEO 101 FD: The Judeo-Christian Tradition	3
		THEO 102 FD: The Catholic Intellectual Tradition	3
		THEO 202 TH3/CIT: Christology	3
		THEO 203 TH3/CIT: Christian Moral Life	3
		THEO 302 TH3/CIT: Liturgy and Sacraments	3
		THEO 309 TH1/SL/CIT: Principles of Justice and Peace	3

### Christian Theology (select one):

		THEO 200 TH3/CIT: Christian Theology to 1500	3
		THEO 201 TH3/CIT: Christian Theology 1500-Present	3

### Scripture (select one):

		THEO 217 The Torah	3
		THEO 218 The Prophets	3
		THEO 219 The Writings	3
		THEO 220 The Gospels	3
		THEO 221 The Book of Acts/Letters of Paul	3
		THEO 222 Catholic Letters/Book of Revelation	3

### UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Accounting Major**  
Curriculum Sheet  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
<b>Total Business Core Requirements</b>			<b>48</b>	

<b>Accounting Major Requirements (30 Credit Hours)</b>				
		BUS 371 Intermediate Accounting I	3	BUS 208
		BUS 372 Intermediate Accounting II	3	BUS 371
		BUS 373 Advanced Managerial Accounting	3	BUS 208
		BUS 385 Business Experiential Learning/Internships	3	
		BUS 343 Accounting and Data Analytics	3	BUS 208
		BUS 423 Federal Tax I, Individual	3	BUS 372
		BUS 424 Federal Tax II, Entities	3	BUS 423
		BUS 434 Auditing	3	BUS 372
		BUS 470 Advanced Accounting I	3	BUS 372
		BUS 471 Advanced Accounting II	3	BUS 470
<b>Total Major Requirements</b>			<b>30</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.

Accounting majors must earn “C” or better in accounting courses to advance to major requirements.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Data Analytics Minor**  
Curriculum Sheet  
Walsh University 2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_ Catalog Year: \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.*

*(Example: {F-YR} {B+} Indicates the course was completed in the Fall Semester of current year with a grade of B+).*

**Data Analytics Minor Requirements**

**21 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 106 Excel I	3	
		BUS 232 Business Statistics	3	BUS 106
		BUS 350 Intermediate Excel	3	BUS 106 & BUS 232
		BUS 364 Business Analytics	3	BUS 232, Junior/Senior Standing
		BUS 412 Data Analytics: Managerial Perspectives	3	Co-requisite BUS 350, 364, Junior/Senior Standing
		BUS 429 Database Strategies	3	Co-requisite BUS 350, 364 Junior/Senior Standing
		BUS 390 Data Analytics Practicum	3	BUS 429

**Total Credit Hours      21**

120 Credit Hours Required for  
Graduation UP=TO-DATE RECORD

Date								
Credits								
GPA								

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Digital Marketing and Analytics Major**  
**Curriculum Sheet**  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

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Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Digital Marketing and Analytics Major Requirements (27 Credit Hours)**

		BUS 309 DV: Consumer Behavior	3	BUS 233
		BUS 311 SL: Marketing Research	3	BUS 233, BUS 309, BUS 232
		BUS 385 Business Experiential Learning/Internships	3	BUS 233
		BUS 416 DM: Marketing Strategy	3	BUS 233, BUS 309
		BUS 426 Sales Management	3	BUS 233
		BUS 430 Digital Marketing (Previously Social Media)	3	BUS 233
		BUS 436 Marketing Analytics	3	BUS 311, BUS 350
		COM 175 Digital Creativity Applications	3	
		GD/COM 295 Graphic Design	3	
		<b>Total Major Requirements</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
Curriculum Sheet  
Walsh University 2022-2023  
**BBA in Esports and Gaming Management**

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_ Catalog Year: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.).

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Finance 1	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 FD:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Management & Organizational Behavior	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Research and Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	
		ECON 203 FD&DV:Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Esports and Gaming Major Requirements (from Walsh) 15 Credit Hours**

		BUS 339 Facilities and Event Management	3	BUS 225
		BUS 361 Project Management	3	
		BUS 385 Business Experiential Learning/ Internship	3	
		BUS 430 Digital Marketing	3	BUS 233

**Choose 1 of the following**

		BUS 300 Sports Law	3	BUS 225
		COM 235 Creative Digital Practice Production	3	
		COM 400 Sports Writing	3	COM 250
		CS 113 Intro to Digital Applications	3	
		ECON 310 Economics of Sports	3	
		EXS 364 Sports Psychology	3	

**From LCMC Consortium Courses 12 Credit Hours**

		ESM 150 Introduction to Games	3	
		ESM 242 Introduction to eSports Management	3	
		ESM 343 Convention, Event, and Trade Show Planning	3	
		ESM 411 Distribution of Games	3	
		<b>Total Major Requirements</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.  
Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Finance Major**  
Curriculum Sheet  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

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Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Finance Major Requirements (Required Courses: 21 Credit Hours)**

		ECON 312 Money, Banking, and Monetary Policy	3	ECON 204
		BUS 453 Financial Statement Analysis & Valuation	3	BUS 209 & BUS 451
		BUS 351 International Finance	3	BUS 209
		BUS 385. Business Experiential Learning/Internships	3	
		BUS 451 Seminar in Investments	3	BUS 209 & Junior/Senior Status
		BUS 452 Corporate Financial Management II	3	BUS 350, BUS 209, & Junior/Senior Status
		BUS 457 Advanced Portfolio Management	3	BUS 350, BUS 209, BUS 451, & BUS 452

**ELECTIVE: Choose Two (6 Credit Hours)**

		BUS 456 Mergers & Acquisitions	3	BUS 350, BUS 209, & Junior/Senior Status
		BUS 371 Intermediate Accounting	3	BUS 207
		BUS 419 Supply Chain Management	3	BUS 417 & Junior/Senior Status
		BUS 426 Sales Management	3	BUS 233 & Junior/Senior Status
		<b>Total Major Requirements &amp; Electives</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.



**The DeVille School of Business**  
**Bachelor of Business Administration**  
Curriculum Sheet  
Walsh University 2022-2023  
**BBA in Human Resource Management**

Student: \_\_\_\_\_ Advisor \_\_\_\_\_ Catalog Year \_\_\_\_\_

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Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Finance 1	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 FD:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Management and Organizational Behavior	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Research and Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Junior Status
		ECON 203 FD&DV:Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Human Resources Major Requirements (from Walsh) 15 Credit Hours**

		BUS 318 Human Resource Management	3	
		BUS 385 Business Experiential Learning/ Internship	3	
		BUS 418 Leadership	3	
		PSL 402 Negotiation in Business and Sales (LCMC)	3	
<b>Choose one of the following</b>				
		BUS 361 Project Management	3	
		BUS 383 Creativity and Design Thinking	3	
		BUS 426 Sales Management	3	

**From LCMC Consortium Courses 12 Credit Hours**

		HRM 405 Training and Development	3	BUS 318
		LAW 321 Employment and Labor Law	3	BUS 234 & BUS 231
		MGT 318 Total Compensation Management	3	BUS 318
		MGT 320 Human Resource Risk Management	3	BUS 234, BUS 231, BUS 318, & LAW 321 (LCMC)
		<b>Total Major Requirements</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.  
Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Management Major**  
Curriculum Sheet Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

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Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Management Major Requirements (Required Courses: 21 Credit Hours)**

		BUS 318 DV: Human Resource Foundations	3	
		BUS 361 Project Management	3	
		BUS 383 Creativity and Design Thinking	3	
		BUS 385 Business Experiential Learning/Internships	3	
		BUS 418 Leadership	3	BUS 360
		BUS 419 Supply Chain Management	3	BUS 417
		BUS 448 Systems and Sustainability	3	BUS 360

**ELECTIVE: Choose Two (6 Credit Hours)**

		BUS 339 Facilities and Event Management	3	BUS 225
		BUS 426 Sales Management	3	BUS 233
		ECON 301 DV:Global Economic Perspectives	3	ECON 204
		ECON 320 International Trade and Finance	3	ECON 204
		<b>Total Major Requirements and Electives</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.  
Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
Curriculum Sheet  
Walsh University 2022-2023  
**Professional Sales Major (LCMC)**

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course #	Course Name	Credit Hours	Prerequisites
		BUS 001	Business Power Skills 1	0	
		BUS 002	Business Power Skills 2	0	BUS 001
		BUS 106	Introduction to Excel	3	
		BUS 207	Financial Accounting	3	
		BUS 208	Managerial Accounting	3	BUS 207
		BUS 209	Corporate Financial Management	3	BUS 207
		BUS 231	Business Law	3	ENG 102
		BUS 232	Business Statistics	3	BUS 106
		BUS 233	Principles of Marketing	3	
		BUS 234	FD:Principles of Management	3	
		BUS 350	Intermediate Excel	3	BUS 106
		BUS 360	DV: Management & Organizational Behavior	3	BUS 234
		BUS 362	SL: Management Information Systems	3	Junior Status
		BUS 364	Business Research and Analytics	3	BUS 232
		BUS 417	Operations Management	3	Junior Status
		BUS 465	Strategic Management	3	Senior Status
		ECON 203	FD&DV:Global Microeconomics	3	
		ECON 204	FD:Global Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>		<b>48</b>	

**Professional Sales Major Requirements (from Walsh)**

**18 Credit Hours**

		BUS 309	Consumer Behavior	3	BUS 233
		BUS 311	Marketing Research	3	BUS 233, BUS 309, BUS 232
		BUS 385	Experiential Learning / Internship	3	BUS 233
		BUS 416	DM: Marketing Strategy	3	BUS 233, BUS 309
		BUS 426	Sales Management	3	BUS 233
		BUS 430	Digital Marketing	3	BUS 233

**From LCMC Consortium Courses**

**9 Credit Hours**

		PSL 229	Negotiation in Business and Sales (LCMC)	3	None
		PSL 403	Sales and Leadership (LCMC)	3	BUS 426
		PSL 404	Advanced Relationship-Driven Professional Selling (LCMC)	3	BUS 426
		<b>Total Major Requirements</b>		<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Sports Management Major**  
Curriculum Sheet  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Sports Management Major Requirements (Required Courses: 21 Credit Hours)**

		BUS 225 Introduction to Sports Management	3	
		BUS 300 Sports Law – New Course	3	BUS 225
		BUS 338 Sports Marketing and Communication	3	BUS 225
		BUS 339 Facilities and Event Management	3	BUS 225
		BUS 385 Business Experiential Learning/Internships	3	
		ECON 310 Economics of Sports	3	ECON 203
		EXS 365 Sports in American Society	3	

**Elective: Choose Two (6 Credit Hours)**

		BUS 430 Digital Marketing	3	BUS 233
		COM 400-4 Sports Writing	3	COM 250
		EXS 264 Org/Admin of Ex Science & Sports	3	
		EXS 364 Sports Psychology	3	
		<b>Total Major Requirements &amp; Electives</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.  
Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
Curriculum Sheet  
Walsh University 2022-2023  
**BBA in Supply Chain Management**

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 207 Financial Accounting	3	
		BUS 209 Corporate Finance 1	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Management and Organizational Behavior	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Research and Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senor Status
		ECON 203 FD&DV:Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Supply Chain Management Major Requirements (from Walsh) 12 Credit Hours**

		BUS 361 Project Management	3	
		BUS 385 Business Experiential Learning/Internships	3	
		BUS 412 Introduction to Data Analysis	3	
		BUS 419 Supply Chain Management	3	

**From LCMC Consortium Courses 9 Credit Hours**

		SCM 325 Forecasting & Logistics (LCMC)	3	
		SCM 335 Sourcing & Operations (LCMC)	3	
		SCM 407 Supply Chain Capstone (LCMC)	3	

**ELECTIVE: Choose Two Courses 6 Credit Hours**

		BUS 429 Database Strategies	3	
		BUS 448 Systems & Sustainability	3	BUS 234 & Junior Status
		BUS 452 Corporate Finance II	3	BUS 209 & BUS 350
		PSL 229 Negotiation in Business and Sales (LCMC)	3	
		<b>Total Major Requirements</b>	<b>27</b>	

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Accounting Major**  
Curriculum Sheet  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
<b>Total Business Core Requirements</b>			<b>48</b>	

<b>Accounting Major Requirements (30 Credit Hours)</b>				
		BUS 371 Intermediate Accounting I	3	BUS 208
		BUS 372 Intermediate Accounting II	3	BUS 371
		BUS 373 Advanced Managerial Accounting	3	BUS 208
		BUS 385 Business Experiential Learning/Internships	3	
		BUS 343 Accounting and Data Analytics	3	BUS 208
		BUS 423 Federal Tax I, Individual	3	BUS 372
		BUS 424 Federal Tax II, Entities	3	BUS 423
		BUS 434 Auditing	3	BUS 372
		BUS 470 Advanced Accounting I	3	BUS 372
		BUS 471 Advanced Accounting II	3	BUS 470
<b>Total Major Requirements</b>			<b>30</b>	

**BBA/MBA Major Requirements (12 Credit Hours)**

		BUS 521 Sustainable Ethical Leadership	3	Senior Status
		BUS 522 Organ Behavior & Communication	3	Senior Status
		BUS 524 Marketing Management	3	Senior Status
		BUS 525 Information Systems	3	Senior Status
<b>Total BBA/MBA Requirements</b>			<b>12</b>	

*\*BBA/MBA students must earn "B-" or better in BUS 521, 522, 524, 525 and maintain a cumulative 3.5 GPA to advance to MBA coursework*

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.

Accounting majors must earn "C" or better in accounting courses to advance to major requirements.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Finance Major**  
Curriculum Sheet  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

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Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Finance Major Requirements (Required Courses: 21 Credit Hours)**

		ECON 312 Money, Banking, and Monetary Policy	3	ECON 204
		BUS 453 Financial Statement Analysis & Valuation	3	BUS 209 & BUS 451
		BUS 351 International Finance	3	BUS 209
		BUS 385. Business Experiential Learning/Internships	3	
		BUS 451 Seminar in Investments	3	BUS 209 & Junior/Senior Status
		BUS 452 Corporate Financial Management II	3	BUS 350, BUS 209, & Junior/Senior Status
		BUS 457 Advanced Portfolio Management	3	BUS 350, BUS 209, BUS 451, & BUS 452

**ELECTIVE: Choose Two (6 Credit Hours)**

		BUS 456 Mergers & Acquisitions	3	BUS 350, BUS 209, & Junior/Senior Status
		BUS 371 Intermediate Accounting	3	BUS 207
		BUS 419 Supply Chain Management	3	BUS 417 & Junior/Senior Status
		BUS 426 Sales Management	3	BUS 233 & Junior/Senior Status
		<b>Total Major Requirements &amp; Electives</b>	<b>27</b>	

**BBA/MBA Major Requirements (12 Credit Hours)**

		BUS 521 Sustainable Ethical Leadership	3	Senior Status
		BUS 522 Organ Behavior & Communication	3	Senior Status
		BUS 524 Marketing Management	3	Senior Status
		BUS 525 Information Systems	3	Senior Status
		<b>Total BBA/MBA Requirements</b>	<b>12</b>	

*\*BBA/MBA students must earn "B-" or better in BUS 521, 522, 524, 525 and maintain a cumulative 3.5 GPA to advance to MBA coursework*

Total of 120 hours required – above, General Education, etc., in order to graduate.

Any repeated courses will not be included in the total earned hours.

**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Management Major**  
Curriculum Sheet Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

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Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
		<b>Total Business Core Requirements</b>	<b>48</b>	

**Management Major Requirements (Required Courses: 21 Credit Hours)**

		BUS 318 DV: Human Resource Foundations	3	
		BUS 361 Project Management	3	
		BUS 383 Creativity and Design Thinking	3	
		BUS 385 Business Experiential Learning/Internships	3	
		BUS 418 Leadership	3	BUS 360
		BUS 419 Supply Chain Management	3	BUS 417
		BUS 448 Systems and Sustainability	3	BUS 360

**ELECTIVE: Choose Two (6 Credit Hours)**

		BUS 339 Facilities and Event Management	3	BUS 225
		BUS 426 Sales Management	3	BUS 233
		ECON 301 DV:Global Economic Perspectives	3	ECON 204
		ECON 320 International Trade and Finance	3	ECON 204
		<b>Total Major Requirements and Electives</b>	<b>27</b>	

**BBA/MBA Major Requirements (12 Credit Hours)**

		BUS 521 Sustainable Ethical Leadership	3	Senior Status
		BUS 522 Organ Behavior & Communication	3	Senior Status
		BUS 524 Marketing Management	3	Senior Status
		BUS 525 Information Systems	3	Senior Status
		<b>Total BBA/MBA Requirements</b>	<b>12</b>	

*\*BBA/MBA students must earn "B-" or better in BUS 521, 522, 524, 525 and maintain a cumulative 3.5 GPA to advance to MBA coursework*

Total of 120 hours required – above, General Education, etc., in order to graduate.  
Any repeated courses will not be included in the total earned hours.



**The DeVille School of Business**  
**Bachelor of Business Administration**  
**Digital Marketing and Analytics Major**  
**Curriculum Sheet**  
Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_ **Catalog Year** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course	Credit Hours	Prerequisite
		BUS 001 Business Power Skills 1	0	
		BUS 002 Business Power Skills 2	0	BUS 001
		BUS 106 Introduction to Excel	3	
		BUS 207 Financial Accounting	3	
		BUS 208 Managerial Accounting	3	BUS 207
		BUS 209 Corporate Financial Management	3	BUS 207
		BUS 231 Business Law	3	ENG 102
		BUS 232 FD:Business Statistics	3	BUS 106
		BUS 233 Principles of Marketing	3	
		BUS 234 TH1&CIT:Principles of Management	3	
		BUS 350 Intermediate Excel	3	BUS 106
		BUS 360 DV:Cross-Cultural Management	3	BUS 234
		BUS 362 SL:Management Information Systems	3	Junior Status
		BUS 364 Business Analytics	3	BUS 232
		BUS 417 Operations Management	3	Junior Status
		BUS 465 Strategic Management	3	Senior Status
		ECON 203 FD&DV: Microeconomics	3	
		ECON 204 FD:Macroeconomics	3	ECON 203
<b>Total Business Core Requirements</b>			<b>48</b>	

**Digital Marketing and Analytics Major Requirements (27 Credit Hours)**

		BUS 309 DV: Consumer Behavior	3	BUS 233
		BUS 311 SL: Marketing Research	3	BUS 233, BUS 309, BUS 232
		BUS 385 Business Experiential Learning/Internships	3	BUS 233
		BUS 416 DM: Marketing Strategy	3	BUS 233, BUS 309
		BUS 426 Sales Management	3	BUS 233
		BUS 430 Digital Marketing (Previously Social Media)	3	BUS 233
		BUS 436 Marketing Analytics	3	BUS 311, BUS 350
		COM 175 Digital Creativity Applications	3	
		GD/COM 295 Graphic Design	3	
<b>Total Major Requirements</b>			<b>27</b>	

**BBA/MBA Major Requirements (12 Credit Hours)**

		BUS 521 Sustainable Ethical Leadership	3	Senior Status
		BUS 522 Organ Behavior & Communication	3	Senior Status
		BUS 524 Marketing Management	3	Senior Status
		BUS 525 Information Systems	3	Senior Status
<b>Total BBA/MBA Requirements</b>			<b>12</b>	

*\*BBA/MBA students must earn "B-" or better in BUS 521, 522, 524, 525 and maintain a cumulative 3.5 GPA to advance to MBA coursework*

Total of 120 hours required – above, General Education, etc., in order to graduate.  
Any repeated courses will not be included in the total earned hours.

# INTERDISCIPLINARY STUDIES

## Bachelor of Arts or Bachelor of Science

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

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## INTERDISCIPLINARY STUDIES MAJOR

**39-42 Total Credit Hours**

### HUMANITIES REQUIREMENTS – 36 Credit Hours

Disciplinary Studies – Insert 3 clusters of 4 courses totaling 12 credit hours, each in a different discipline or area of study, for a total of 36 credit hours.

#### Discipline/Area of Study - A

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3
		(300 Level or Above)	3

#### Discipline/Area of Study - B

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3
		(300 Level or Above)	3

#### Discipline/Area of Study – C

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3
		(300 Level or Above)	3

The Integrative Project will connect the above chosen disciplines or areas of study.

Semester Taken	Final Grade	Course	Credit Hours
		HUM 401 Integrative Project	3

Internship – if not fulfilled through an Internship course in one of the 3 areas of study\*

Semester Taken	Final Grade	Course	Credit Hours
		IDS 480 Internship	1-3

\*The IDS 480 course can be treated as an elective if the student took a different internship with a course prefix/number associated with one of their three disciplines.

\*\*In order to qualify for an off-campus internship, the student must have at least a 2.5 GPA overall. If the student has a GPA below 2.5, an on-campus internship will be provided.

### Electives – if needed to complete required 120 graduation credit hours

Semester Taken	Final Grade	Course	Credit Hours
			3
			3
			3

UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

May 22 BA-BS Interdisciplinary Studies

**Actuarial Science Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University 2022-2023

**Student:** \_\_\_\_\_

**Advisor** \_\_\_\_\_

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**Actuarial Science**  
**Mathematics**

**55-57 Credit Hours**  
**25-27 Credit Hours**

**Business**

15 Credits

		BUS 125 Introduction to Business	3
		BUS 207 Financial Accounting	3
		BUS 208 Managerial Accounting	3
		BUS 363 Corporate Finance I	3
		ECON 203 Microeconomics	3
		ECON 204 Macroeconomics	3

**Mathematics**

25-27 Credits

		MATH 210A Calculus I	3
		MATH 211 Calculus II	3
		MATH 310A Calculus III	3
		MATH 311A Calculus IV	3
		MATH 313 Linear Algebra I	3
		MATH 321 Probability and Statistical Inference I	3
		MATH 322 Probability and Statistical Inference II	3
		MATH 410 Differential Equations	3
		MATH 390 Internship	1-3

**Computer Science**

6 Credits

		CSC 101 Programming For Everyone	3
		CSC 102 Programming for Everyone II	3

**Actuarial Science**

9 Credits

		ASM 101 Mathematical Theory For Actuaries	3
		ASM 201 Probability for Actuaries	3
		ASM 301 Actuarial Science and Risk Management with R	3

**Data Analytics**

6 Credits

		DAM 410 Foundations of Data Analytics I	3
		DAM 411 Foundations of Data Analytics II	3

**Professional Aviation 2+2**  
**Bachelor of Science**  
Curriculum Sheet  
(GE Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:**\_\_\_\_\_ **Advisor:**\_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Semester Taken	Final Grade	Course	Credit Hours
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**Area 1: Aviation** **12 Credit Hours**

		Jet Engines	3
		The Profession of Commercial Piloting	3
		Aviation Elective 1	3
		Aviation Elective 2	3

**Area 2 Choose One Area of Focus**

**A: Business (focus on Management/Marketing)** **15 Credit Hours**

		BUS 233	Principles of Marketing	3
		BUS 234	Principles of Management	3
		BUS 361	Project Management	3
		BUS 430	Digital Marketing	3
		PSYC 240	Industrial/Organizational Psychology	3

**B: Business (focus on Accounting /Analytics)** **15 Credit Hours**

		BUS 207	Financial Accounting	3
		BUS 208	Managerial Accounting	3
		BUS 232	Business Statistics	3
		BUS 364	Business Research/Analytics	3
		PSYC 240	Industrial/Organizational Psychology	3

**Area 3: Humanities for Professionals** **13 Credit Hours**

		COM 211	Speech	3
		GFA 245	The Law and the Legal System	3
		HIS 304	History of Aviation	3
			Any course at the 200+ level with one of the following prefixes: HIST, GFA, PHIL, THEO, ARHI, ART, MUS, ENG.	3
		CHEM 398	Premier Skills/Professionalism	1

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

Any repeated courses will not be included in the total earned hours.

APR22 BS Aviation, Prof

**Biochemistry Pre Pharmacy**  
**Bachelor of Science**  
Curriculum Sheet  
(GE Core Requirements Listed Separately)  
Walsh University  
2022 - 2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Biochemistry**

**92.5-94.5 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
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**Biology** **31-33 Credit Hours**

		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 306 Cell Biology	3
		BIO 390 Internship	1-3
		BIO 402 Genetics	3
		BIO 402L Genetics: Lab	1
		BIO 414 Cellular Molecular Tech	3

**BIO/CHEM (Biochemistry)** **7 Credit Hours**

		BIO/CHEM 307 Biochemistry	3
		BIO/CHEM 403 Clinical Biochemistry	3
		BIO/CHEM 498 Chemistry Career Seminar (Can be substituted with Research)	.5
		BIO/CHEM 499 Chemistry Career Seminar (Can be substituted with Research)	.5

**Chemistry** **16 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1

**Physics****8 Credit Hours**

		PHYS 101 or 201	Principles of Physics I	3
		PHYS 101L	Principles of Physics I: Lab	1
		PHYS 102 or 202	Principles of Physics II	3
		PHYS 102L	Principles of Physics II: Lab	1

**Math****9 Credit Hours**

		MATH 210A	Calculus I * <b>fulfills core and program requirements</b>	3
		MATH 211	Calculus II	3
		MATH 221	Statistics	3

**NEOMED Classes****21.5 Credit Hours**

		BIO 4XX	Human Anatomy Physiology and Pathophysiology 1	5
		CHEM 4XX	Introduction to Pharmaceutical Sciences	5.5
		BIO 4XX	Human Anatomy Physiology and Pathophysiology 2	4
		CHEM 4XX	Pharmacodynamics/Pharmacokinetics	4
		BIO 4XX	Immunology and Biotechnology	3

**Additional Requirements: NONE**

\* Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 207.

## UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus****Any repeated courses will not be included in the total earned hours.**

Apr21 BS Biochemistry PrePharmacy

**Biochemistry**  
**Bachelor of Science**  
 Curriculum Sheet  
 (GE Core Requirements Listed Separately)  
 Walsh University  
 2022-2023

**Student:**\_\_\_\_\_

**Advisor:**\_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Biochemistry** **68-70 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
----------------	-------------	--------	--------------

**Biology** **20-22 Credit Hours**

		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 306 Cell Biology	3
		BIO 390 Internship	1-3
		BIO 402 Genetics	3
		BIO 402L Genetics: Lab	1
		BIO 414 Cellular Molecular Tech	3

**BIO/CHEM (Biochemistry)** **7 Credit Hours**

		BIO/CHEM 307 Essential Biochemistry	3
		BIO/CHEM 403 Clinical Biochemistry	3
		BIO/CHEM 498 Chemistry Career Seminar (Can be substituted with Research)	.5
		BIO/CHEM 499 Chemistry Career Seminar (Can be substituted with Research)	.5

**Chemistry** **24 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		CHEM 303 Modern Analytical Chemistry	3
		CHEM 303L Modern Analytical Chemistry: Lab	1
		CHEM 310 Foundations of Physical Chemistry	4

**Physics****8 Credit Hours**

		PHYS 101 or 201	Principles of Physics I	3
		PHYS 101L	Principles of Physics I: Lab	1
		PHYS 102 or 202	Principles of Physics II	3
		PHYS 102L	Principles of Physics II: Lab	1

**Math****9 Credit Hours**

		MATH 210A	Calculus I * <b>fulfills core and program requirements</b>	3
		MATH 211	Calculus II	3
		MATH 221	Statistics	3

**Additional Requirements: NONE**

\* Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 207.

## UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus****Any repeated courses will not be included in the total earned hours.**

APR 22 BS Biochemistry



**Bioinformatics**  
**Bachelor of Science**  
Curriculum Sheet  
(GE Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:**\_\_\_\_\_

**Advisor:**\_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Bioinformatics**

**75-77 Credit Hours**

**Biology**

**26-28 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 120 Introduction to Bioinformatics	3
		BIO 280 Bioinformatics Seminar	1
		BIO 306 Cell Biology	3
		BIO 390 Internship	1-3
		BIO 402 Genetics	3
		BIO 402L Genetics Lab	1
		BIO 420 Bioinformatics Applications	3
		BIO/CHEM 307 Essential Biochemistry	3

**Biology Electives A**

maximum of 2 credits of BIO 411/412 may be taken/no BIO 390

**10 Credit Hours**

		BIO	3
		BIO	3
		BIO	4

**Chemistry**

**16 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1

**Math**

**9 Credit Hours**

		MATH 210A Calculus I	3
		MATH 211 Calculus II	3
		MATH 221 Statistics	3

**Computer Science**

**15 Credit Hours**

		CS 105	Programming for Everyone	3
		CS 111	Introductory Programming	3
		CS 211	Programming Structures	3
		CS 221	Database Techniques	3
		CS 230	Discrete Patterns I or Discrete Patterns II	3

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Any repeated courses will not be included in the total earned hours.**

# BIOLOGY – PRE-OCCUPATIONAL THERAPY

## Bachelor of Science

### Major Curriculum Sheet

General Education Core Requirements Separate

Walsh University 2022-2023

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

## Biology – Pre-Occupational Therapy

**75-78 Credit Hours**

### Biology Requirements

**22-24 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BOI 200 Medical Terminology	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 390 Internship	1-3

### Biology Electives (300-level or higher) 2 credits maximum of BIO 411/412

**10 Credit Hours**

		BIO	
		BIO	
		BIO	

### Additional Requirements

**43-44 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		PHYS 101 or 201 Principles of Physics I *fulfills core and program requirements	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 102 or 202 Principles of Physics II	3
		PHYS 102L Principles of Physics II: Lab	1
		MATH 155 Elementary Functions I *fulfills core and program requirements (3)	6
		MATH 156 Elementary Functions II *fulfills core and program requirements (3)	
		Or	
		MATH 210A Calculus I (3)	
		MATH 211 Calculus II (3)	6
		MATH 221 Statistics	3

		PSYC 120	Principles of Psychology *fulfills core and program requirements	3
		PSYC 210	Human Development Across the Lifespan	3
		PSYC 401	Abnormal Psychology	3
		SOC 101	Principles of Sociology	3
		EXS 385	Biomechanics	3

**Additional Requirements: NONE \* Math and Science requirements in major also fulfill core requirements**

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

April 22 BS Biology Pre-OT

# BIOLOGY PRE-PHARMACY

## Bachelor of Science

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Biology Pre-Pharmacy Program

84.5 – 86.5 Credit Hours

#### Biology Requirements

Semester Taken	Final Grade	Course	27-29 Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 300+ Elective	3
		BIO 300+ Elective	3
		BIO 390 Biology Internship	1-3

#### Additional Requirements

36 Credit Hours

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		CHEM 307 BioChemistry	3
		CHEM 403 Clinical BioChemistry	3
		MATH 210A Calculus I	3
		MATH 221 Statistics	3
		PHYS 101 Principles of Physics I	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 102 Principles of Physics II	3
		PHYS 102L Principles of Physics II: Lab	1

#### NEOMED Courses

21.5 Credit Hours

		BIO 4XX Human Anatomy Physiology and Pathophysiology 1	5
		CHEM 4XX Introduction to Pharmaceutical Sciences	5.5
		BIO 4XX Human Anatomy Physiology and Pathophysiology 2	4
		CHEM 4XX Pharmacodynamics/Pharmacokinetics	4
		BIO 4XX Immunology and Biotechnology	3

\* Six (6) Credit Hours of Math and eight (8) Credit Hours Lab Science also fulfills core requirements.

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**BIOLOGY – PRE-PROFESSIONAL II****(PRE-MED, PRE-DENTAL, PRE-VET, PRE-PHARMACY, PRE-OPTOMETRY, PHYSICIAN ASSISTANT)**

**Bachelor of Science Curriculum Sheet**  
**(GE Core Requirements Separate)**  
**Walsh University**  
**2022-2023**

**Student:** \_\_\_\_\_**Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
 (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Biology Pre-Professional****65-68 Credit Hours****Biology Requirements****23-25 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 390 Internship	1-3
		BIO 125 Clinical Correlation	0.5
		BIO 225 Clinical Correlation	0.5
		BIO 325 Clinical Correlation	0.5
		BIO 425 Clinical Correlation	0.5

**Biology Electives (10 Credit hours 300-Level or higher) 2 credits maximum of BIO 411/412****10 Credit Hours**

		BIO _____ (3 or 4)	
		BIO _____ (3 or 4)	
		BIO _____ (3 or 4)	

**Chemistry****16 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1

**Physics****8 Credit Hours**

		PHYS 101 or 201 Principles of Physics I or Physics w/calculus I	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 102 or 202 Principles of Physics II or Physics w/calculus II	3
		PHYS 102L Principles of Physics II: Lab	1

**Math****6 Credit Hours**

		MATH 155 Elementary Functions I* fulfills core and program requirements (3)	3
		MATH 156 Elementary Functions II* fulfills core and program requirements (3)	3

**OR**

		MATH 210A Calculus I* fulfills core and program requirements (5)	3
		MATH 211 Calculus II	3

**Additional Requirements (choose 1) \*Math & Science requirements in major also fulfill core requirements****3 Credit Hours**

		PHIL 304 Bioethics*	3
		SOC 311 Medical Sociology*	3
		HIST 303 History of Medicine*	3

**Recommended: BUS 233 Principles of Marketing (3) and BUS 234 Principles of Management (3)**

**BIOLOGY – PRE-PROFESSIONAL**  
**(PRE-MED, PRE-DENTAL, PRE-VET, PRE-PHARMACY, PRE-OPTOMETRY, PHYSICIAN ASSISTANT)**  
**Bachelor of Science**  
Curriculum Sheet  
(GE Core Requirements Separate)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_

**Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Biology – Pre-Professional** **62-65 Credit Hours**  
**Biology Requirements** **21-23 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 390 Internship	1-3

**Biology Electives (12 Credit hours 300-Level or higher) 2 credits maximum of BIO 411/412 – BIO 390 counts** **12 Credit Hours**

		BIO (3 or 4)	
		BIO (3 or 4)	
		BIO (3 or 4)	
		BIO (3 or 4)	

**Chemistry** **16 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1

**Physics** **8 Credit Hours**

		PHYS 101 or 201 Principles of Physics I or Physics w/calculus I	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 102 or 202 Principles of Physics II or Physics w/calculus II	3
		PHYS 102L Principles of Physics II: Lab	1

Math

6 Credit Hours

		MATH 155	Elementary Functions I* fulfills core and program requirements (3)	
		MATH 156	Elementary Functions II* fulfills core and program requirements (3)	

OR

6 Credit Hours

		MATH 210A	Calculus I* fulfills core and program requirements (3)	
		MATH 211	Calculus II (3)	

Additional Requirements: NONE \* Math and Science requirements in major also fulfill core requirements UP-TO-

DATE RECORD

Date								
Credits								
GPA								

Any repeated courses will not be included in the total earned hours. Credit Hours: 120+



# EARLY ASSURANCE BIOLOGY PRE-PHYSICAL THERAPY

## Bachelor of Science

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022 - 2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Biology – Early Assurance Pre-Physical Therapy Program

89 Credit Hours

#### Biology Requirements

Semester Taken	Final Grade	Course	27 Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 309 Human Physiology	4
		BIO 300+ Elective	3

#### Additional Requirements

62 Credit Hours

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		EXS 381 Physiology of Exercise	3
		MATH 155 Elementary Functions I	3
		MATH 156 Elementary Functions II	3
		Or	
		MATH 210A Calculus I	3
		MATH 211 Calculus II	3
		MATH 221 Statistics	3
		PHYS 101 Principles of Physics I	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 102 Principles of Physics II	3
		PHYS 102L Principles of Physics II: Lab	1
		PSYCH 120 Principles of Psychology* fulfills core and program requirements	3
		PSYCH 210 Human Development Across the Lifespan	3
		PT 503/603 Human Anatomy	6
		PT 504/604 Foundations of Neuroscience	4
		PT 506/606 Foundations of Pharmacology	2
		PT 511/611 Foundations of Clinical Science	4
		PT 515-1A/PT 615-1A Foundations of Biomechanics	2
		PT 515-1B/ PT 615-1B Foundations of Biomechanics	2

\* Six (6) Credit Hours of Math and eight (8) Credit Hours Lab Science also fulfills core requirements.

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

# BIOLOGY – PRE-PHYSICAL THERAPY

## Bachelor of Science

### Major Curriculum Sheet

(GE Core Requirements Listed Separately)

Walsh University 2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Biology – Pre-Physical Therapy

73-76 Credit Hours

#### Biology Requirements

25-27 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1
		BIO 309 Human Physiology	4
		BIO 390 Internship	1-3

### Biology Electives (300-Level or higher)

A maximum of 2 credits of BIO 411/412 may be taken

7 Credit Hours

		BIO	
		BIO	
		BIO	

### Additional Requirements

41-42 Credit Hours

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		PHYS 101 or 201 Principles of Physics I* fulfills core and program requirements or	3
		PHYS 101L Principles of Physics I: Lab* fulfills core and program requirements	1
		PHYS 102 or 202 Principles of Physics II	3
		PHYS 102L Principles of Physics II: Lab	1
		MATH 155 Elementary Functions I (3)	6
		MATH 156 Elementary Functions II (3)	
		Or	
		MATH 210A Calculus I (3)	
		MATH 211 Calculus II (3)	
		MATH 221 Statistics	3
		PSYC 120* Principles of Psychology* fulfills core and program requirements	3
		PSYC 210 Human Development Across the Lifespan	3
		PE/EXS 381 Physiology of Exercise	3

\* Math and Science requirements in major also fulfill core requirements

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

Apr22 BS Biology Pre-Physical Therapy

Any repeated courses will not be included in the total earned hours.

**Bachelor of Science BIOLOGY**  
Curriculum Sheet (General Education Core Requirements Listed Separately)  
Walsh University 2022-2023

**Student:** \_\_\_\_\_

**Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

				Credit Hours 54-57
Semester Taken	Final Grade	BIOLOGY CORE REQUIREMENTS		
Biology Requirements		1 -15 Credit Hours		
		BIO 101	Principles of Biology I	3
		BIO 101L	Principles of Biology I Lab	1
		BIO 102	Principles of Biology II	3
		BIO 102L	Principles of Biology II Lab	1
		BIO 103	Introductory Research Immersion	1
		BIO 390	Internship	1-3
		BIO 436	Senior Capstone	2
Chemistry Requirements		12 Credit Hours		
		CHEM 101	Principles of Chemistry I	3
		CHEM 101L	Principles of Chemistry I Lab	1
		CHEM 102	Principles of Chemistry II	3
		CHEM 102L	Principles of Chemistry II Lab	1
		CHEM 201	Organic Chemistry I	3
		CHEM 201L	Organic Chemistry I Lab	1
		_____OR_____		
		CHEM 221	Survey of Organic Chemistry	4
Physics Requirements		4 Credit Hours		
		PHYS 101 or 201 Principles of Physics I or Physic w/calculus		3
		PHYS 101L	Principles of Physics Lab	1
		Recommended for some graduate programs: Phys 102 & 102L		
Math Requirements		(6 hours from below)		6 Credit Hours
		MATH 155	Elementary Functions I	3
		MATH 156	Elementary Functions II	3
		MATH 210A	Calculus I	3
		MATH 211	Calculus II	3
		MATH 221	Statistics	3

**During BIO 103 Introductory Research Immersion, students will work with a biology faculty member to design an individualized plan for their biology electives. This plan must be signed off by both student and biology faculty member. Changes to the plan must be approved by the student's biology content advisor.**

<b>Semester Taken</b>	<b>Final Grade</b>	<b>BIOLOGY ELECTIVES – 20 Credits required At Least 11 credits must be at the 300 or 400 level Course</b>	<b>20 Credits</b>

Semester Taken	Final Grade	Continued...BIOLOGY ELECTIVES – 20 Credits required at least 11 credits must be at the 300 or 400 level Course	20 Credits

Only 2 credits maximum of BIO 411/412 can be used toward biology electives

#### Approval of Biology Electives

Faculty Signature: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Apr 22 BS Biology

## ADVISING SUGGESTIONS for BIOLOGY ELECTIVES

### Molecular & Cellular

	BIO 209 Anatomy & Physiology I	3
	BIO 209L Anatomy & Physiology I Lab	1
	BIO 210 Anatomy & Physiology II	3
	BIO 210L Anatomy and Physiology II Lab	1
	BIO 306 Cell Biology	3
	BIO 307 Essential Biochemistry	3
	BIO 406 Molecular Biology	3
	BIO 414 Cellular & Molecular Biology Techniques	3
	BIO 305 Immunology	3-4
	BIO 402 Genetics	3-4
	BIO 408 Virology	3-4
	BIO 420 Bioinformatics Applications	3

### Animal Science

	BIO 209 Anatomy & Physiology I	3
	BIO 209L Anatomy & Physiology I Lab	1
	BIO 210 Anatomy & Physiology II	3
	BIO 210L Anatomy and Physiology II Lab	1
	BIO 206 Microbiology	3
	BIO 206L Microbiology Lab	1
	BIO 301 Anatomy & Evolution of Vertebrates	4
	BIO 302 Parasitology	3-4
	BIO 303 Pathogenic Bacteriology	3-4
	BIO 307 Essential Biochemistry (*required for pre-vet)	3
	BIO 314 Ecology	3
	BIO 330 Conservation Biology	3
	BIO 405 Microanatomy	3-4
	BIO 408 Virology	3-4

### Environmental Science

	NS 103 Environmental Science*	3
	NS 105 Geology*	3
	BIO 305 Botany	4
	BIO 314 Ecology	3
	BIO 315 Field Botany	4
	BIO 330 Conservation Biology	3
	BIO 435 Limnology	4
	PHIL 230 Environmental Ethics & Policies*	3
	ES 430 GIS*	3
	CHEM 450 Environmental Chemistry*	3
	Field Biology or Biodiversity Courses	3-4

### BioMedical

	BIO 209 Anatomy & Physiology I	3
	BIO 209L Anatomy & Physiology I Lab	1
	BIO 210 Anatomy & Physiology II	3
	BIO 210L Anatomy & Physiology II Lab	1
	BIO 206 Microbiology	3
	BIO 206L Microbiology Lab	1
	BIO 307 Essential Biochemistry	3
	BIO 301 Anatomy & Evolution of Vertebrates	4
	BIO 302 Parasitology	3-4
	BIO 303 Pathogenic Bacteriology	3-4
	BIO 304 Immunology	3-4
	BIO 309 Human Physiology	4
	BIO 402 Genetics	3-4
	BIO 405 Microanatomy	3-4
	BIO 407 Molecular Pharmacology	3
	BIO 408 Virology	3-4

### Organismal Biology

	BIO 314 Ecology	3
	BIO 415 Evolution	3
	BIO 301 Anatomy & Evolution of Vertebrates	4
	BIO 302 Parasitology	3-4
	BIO 305 Botany	4
	BIO 315 Field Botany	4
	BIO 330 Conservation Biology	3
	BIO 408 Virology	3-4
	BIO 435 Limnology	4
	ES 430 GIS	3

**\*Does not count toward biology major**

BS Biology

# CHEMISTRY PRE-PROFESSIONAL

## (PRE-MED, PRE-DENTAL, PRE-VET, PRE-PHARMACY, PRE-OPTOMETRY)

### Bachelor of Science Major Curriculum Sheet

(GE Core Requirements Listed Separately)

Walsh University 2022-2023

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

## Chemistry – Pre-Professional

**65-67 Credit Hours**

### Chemistry

**28-30 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		CHEM 303 Modern Analytical Chemistry	3
		CHEM 303L Modern Analytical Chemistry: Lab	1
		CHEM 305 Inorganic Chemistry	3
		CHEM 390 Internship	1-3
		CHEM 310 Foundations of Physical Chemistry	4

### Biology

**20 Credit Hours**

		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I: Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II: Lab	1

### Physics

**8 Credit Hours**

		PHYS 201 Principles of Physics I w/calculus	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 202 Principles of Physics II w/calculus	3
		PHYS 102L Principles of Physics II: Lab	1

Mathematics			9 Credit Hours
		MATH 210A    Calculus I	3
		MATH 211     Calculus II	3
		MATH 310A   Calculus III	3

**Additional Requirements: NONE \* Math and Science requirements in major also fulfill core requirements.**

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Any repeated courses will not be included in the total earned hours.**

Apr22   BS Chemistry Pre-Professional

**CHEMISTRY**  
**Bachelor of Science**  
Major Curriculum Sheet  
(GE Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_

**Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Chemistry**

**59-63 Credit Hours**

**Chemistry 32-34 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 198 Career Seminar I	.5
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		CHEM 398 Premier Skills/Professionalism	.5
		CHEM 303 Modern Analytical Chemistry	3
		CHEM 303L Modern Analytical Chemistry: Lab	1
		CHEM 305 Inorganic Chemistry	3
		CHEM 390 Internship	1-3
		CHEM 310 Foundations of Physical Chemistry	4
		CHEM 411 Independent Research and/or CHEM 412	1-2
		CHEM 417 Capstone: Integrated Lab III	2

**Chemistry electives: select 1 from each.**

**10-12 Credit Hours**

		<b>Systems Thinking</b>	
		CHEM 403 Clinical Biochemistry	3
		CHEM 460 Materials Chemistry	3
		CHEM 470 Nano and Fuel Chemistry	3
		CHEM 4xx	3
		<b>Technical Expertise</b>	
		CHEM 302 Instrumental Analysis	3
		CHEM 415L Integrated Lab Experience Lab I	2
		CHEM 416L Integrated Lab Experience Lab II	2
		CHEM 440 NMR Theory & Applications	3
		CHEM 4xx	3



		<b>Practical Knowledge</b>	
		CHEM 307      Essential Biochemistry	3
		CHEM 3xx	3
		CHEM 300+      Elective from the above 3 categories	2-3

**Physics**
**8 Credit Hours**

		PHYS 201      Principles of Physics I w/calculus	3
		PHYS 101L      Principles of Physics I: Lab	1
		PHYS 202      Principles of Physics II w/calculus	3
		PHYS 102L      Principles of Physics II: Lab	1

**Mathematics**
**9 Credit Hours**

		MATH 210A      Calculus I	3
		MATH 211      Calculus II	3
		MATH 310A      Calculus III	3

**Additional Requirements: NONE \* Math and Science requirements in major also fulfill core requirements.**

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Any repeated courses will not be included in the total earned hours.**

Apr22 BS Chemistry

# CLINICAL LABORATORY SCIENCE 4 + 1 Track

## Bachelor of Science Major Curriculum Sheet (GE Core Requirements Separate) Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

### Clinical Laboratory Science\*

**48-54 Credit Hours**

#### Biology

**26-29 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 General Biology I	3
		BIO 101L General Biology I Lab	1
		BIO 102 General Biology II	3
		BIO 102L General Biology II Lab	1
		BIO 200 Medical Terminology	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 or 210 Anatomy and Physiology	3
		BIO 209L or 210L Anatomy and Physiology Lab	1
		BIO 304 Immunology	3-4
		BIO/CHEM 307 Biochemistry	3-4
		BIO 402 Genetics	3-4

**BIO/CHEM Electives:** BIO/CHEM elective(s) 300-level or higher; 2 credits maximum of  
BIO/CHEM 411/412; BIO/CHEM 390 counts

**1-4 Credit Hours**


#### Chemistry

**12 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 221 Organic Chemistry	4

#### Math

**6 Credit Hours**

		MATH 155 Elementary Functions I (3)	3
		<b>Or</b>	
		MATH 156 Elementary Functions II (3)	3
		MATH 221 Statistics	3

#### Philosophy

**3 Credit Hours**

		PHIL 304 Bioethics	3
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*Student also must fulfill requirements of hospital-based program. See Division Chair for program details.*

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Any repeated courses will not be included in the total earned hours.**

# CLINICAL LABORATORY SCIENCE

## Pre-Professional 4 + 1 Track Bachelor of Science

Major Curriculum Sheet General Education Core Requirements Separate

Walsh University 2022-2023

**Student:** \_\_\_\_\_

**Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

### Clinical Laboratory Science\*

**65-66 Credit Hours**

#### Biology

**21 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 General Biology I	3
		BIO 101L General Biology I Lab	1
		BIO 102 General Biology II	3
		BIO 102L General Biology II Lab	1
		BIO 200 Medical Terminology	1
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 209 Anatomy and Physiology I	3
		BIO 209L Anatomy and Physiology I: Lab	1
		BIO 210 Anatomy and Physiology II	3
		BIO 210L Anatomy and Physiology II: Lab	1

**BIO/CHEM Electives:** 11 BIO credit hours of 300-level or higher + Internship (minimum of 1 hour)  
2 credits maximum of BIO/CHEM 411/412; BIO/CHEM 390 counts.

**12 Credit Hours**

		BIO 304 Immunology	3
		BIO/CHEM 307 Biochemistry	3
		BIO 402 Genetics	3-4
		BIO/CHEM Biology/Chemistry elective(s) 300-level or higher	1-4
		BIO/CHEM 390 Internship (No internship required if admitted to CLS Internship)	1-3

#### Chemistry

**16 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1

#### Math

**6 Credit Hours**

		MATH 155 Elementary Functions I (3)	
		<b>Or</b>	
		MATH 156 Elementary Functions II (3)	
		MATH 210A Calculus I (3)	
		MATH 211 Calculus II (3)	
		MATH 221 Statistics (required)	3

**Over for more**

<b>Philosophy</b>				<b>3 Credit Hours</b>
		PHIL 304	Bioethics	3

<b>Physics</b>				<b>8 Credit Hours</b>
		PHYS 101	Principles of Physics I	3
		PHYS 101L	Principles of Physics I: Lab	1
		PHYS 102	Principles of Physics II	3
		PHYS 102L	Principles of Physics II: Lab	1

*Student also must fulfill requirements of hospital-based program. See Division Chair for program details.*

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**  
**Any repeated courses will not be included in the total earned hours.**

# COMPREHENSIVE SCIENCE

## Bachelor of Science

### Curriculum Sheet

(GE Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Comprehensive Science

57-59 Credit Hours

#### Biology

21-23 Credit Hours

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 305 Botany	4
		BIO 390 Internship	1-3
		BIO <b>ELECTIVE</b>	4
		BIO <b>ELECTIVE</b> (300 or above)	4

#### Chemistry

20 Credit Hours

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		CHEM <b>ELECTIVE</b> (300 or above)	4

#### Math

9 Credit Hours

		MATH 210A Calculus I* fulfills core and program requirements	3
		MATH 211 Calculus II	3
		MATH 221 Statistics* fulfills core and program requirements	3

#### Physics

8 Credit Hours

		PHYS 101 Principles of Physics I	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 102 Principles of Physics II	3
		PHYS 102L Principles of Physics II: Lab	1

**Additional Requirements: NONE** \* Math and Science requirements in major also fulfill core requirements.

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Any repeated courses will not be included in the total earned hours.**

# COMPUTER SCIENCE MAJOR

## (Networking Emphasis)

### Bachelor of Science

#### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022 - 2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Computer Science

48-53 Credit Hours

Semester Taken	Final Grade	Course	39-44 Credit Hours
		CS 108 Foundations of Computer Science I	3
		CS 111 Introduction to Object-Oriented Programming	3
		ICT/CS 112 Introduction to Networking	3
		CS 114 Introduction to Cybersecurity	3
		ICT/CS 210 Understanding Unix/Linux	3
		ICT/CS 298 Career Seminar I	1
		CS 385 Networking Internship	1-6
		ICT 301 Advanced Networking	3
		ICT 302 Telecommunications Computing	3
		ICT 303 Wireless and Mobile Computing	3
		ICT 401 Fundamentals of Information and Network Security	3
		ICT 402 Virtualization, Cloud Computing and Storage	3
		ICT 403 Advanced Network Administration	3
		ICT 404 Network Design and Management (capstone)	3
		ICT/CS 498 CS Career Seminar II	1

### Electives Course Choices (must take 3 courses):

9 Credit Hours

		CS 387 Advanced Cybersecurity	3
		ICT 410 Intrusion Detection and Incident Response	3
		ICT 411 Digital Forensic Analysis	3
		ICT 412 Ethical Hacking and System Defense	3

### UP-TO-DATE RECORD

Date								
Credits								
GPA								

Any repeated courses will not be included in the total earned hours.

April 22 BS Computer Science Networking Emphasis

# COMPUTER SCIENCE MAJOR

## (Programming Emphasis)

### Bachelor of Science Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

#### Computer Science

48-53 Credit Hours

Semester Taken	Final Grade	Course	39-44 Credit Hours
		CS 108 Foundations of Computer Science I	3
		CS 111 Introduction to Object-Oriented Programming	3
		CS 112 Introduction to Networking	3
		CS 114 Introduction to Cybersecurity	3
		CS 212 Object-Oriented Programming II	3
		CS 221 Database Techniques	3
		CS 298 CS Career Seminar I	1
		CS 306 Computer Organization	3
		CS 385 Programming Internship	1-6
		CS 387 Advanced Cybersecurity	3
		CS 425 Software Engineering I	3
		CS 426 Software Engineering II	3
		CS 498 CS Career Seminar II	1
		MATH 155 Elementary Functions I	3
		MATH 230 Discrete Pattern I	3

#### Electives Course Choices (must take 3 courses):

9 Credit Hours

		CS 201 Visual Basic I	3
		CS 210 Understanding UNIX/LINUX	3
		CS 303 Introduction to Data Science	3
		CS 314 Functional Programming	3
		CS 402 Modular Projects	3
		CS 403 Object Oriented Prog w/C++	3
		CS 405 Operating Systems	3

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**\*Any repeated courses will not be included in the total earned hours.**



# COMPUTER SCIENCE MAJOR

## (Cybersecurity Emphasis)

### Bachelor of Science

#### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022 - 2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.*

*(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

### Computer Science

48-53 Credit Hours

Semester Taken	Final Grade	Course	42-47 Credit Hours
		CS 108 Foundations of Computer Science I	3
		CS 111 Introduction to Object-Oriented Programming	3
		ICT/CS 112 Introduction to Networking	3
		CS 114 Introduction to Cybersecurity	3
		ICT/CS 210 Understanding Unix/Linux	3
		CS 212 Introduction to Object-Oriented Programming II	3
		CS 221 Database Techniques	3
		CS 251 Web Publishing	3
		ICT/CS 298 Career Seminar I	1
		CS 385 Cybersecurity Internship	1-6
		ICT 303 Wireless and Mobile Computing	3
		ICT 387 Advanced Cybersecurity	3
		ICT 410 Intrusion Detection and Incident Response	3
		ICT 411 Digital Forensic Analysis	3
		ICT 412 Ethical Hacking and Systems Defense	3
		ICT/CS 498 CS Career Seminar II	1

### Electives Course Choices (must take 2 courses):

6 Credit Hours

		ICT 301 Advanced Networking	3
		ICT 302 Telecommunications Computing	3
		ICT 402 Virtualization, Cloud Computing and Storage	3

### UP-TO-DATE-RECORD

Date								
Credits								
GPA								

Any repeated courses will not be included in the total earned hours.

April 22 BS CS Cybersecurity Emphasis



**Data Analytics**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Data Analytics Management 47 Credit Hours

**CSP Requirements 15 Credit hours**

Semester Taken	Final Grade	Course	Credit Hours
		CSC 103 Internet History/ Technology and Security	3
		CSC 101 Programming for Everyone I	3
		CSC 102 Programming for Everyone II	3
		CSM 202 Algorithms and Data Structures	3
		ITM 101 Postresql for Everyone	3

**Mathematics Requirements 14 Credit Hours**

		MATH 207A Calculus I	4
		MATH 208 Calculus II	4
		MATH 221 Statistics	3
		MATH 321 Prob/Statistical Inference I	3

**Data Analytics Requirements 15 Credit Hours**

		DAM 410 Foundations of Data Analytics I	3
		DAM 411 Foundations of Data Analytics II	3
		DAM 414 Principles of Techniques of Data Analytics I	3
		DAM 415 Principles of Techniques of Data Analytics II	3
		BUS 390B Analytics Practicum	3

**Data Analytics Elective (Choose One) 3 Credit Hours**

		PHM 221 Biostatistics	3
		DMC 346 Digital Marketing Analytics	3
		ASM 301 Principles of Insurance and Risk Management	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**GAME DEVELOPMENT**  
**Game Design Track**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**GDM, CSC, CSM & WDM courses are offered through the LCMC/Rize consortium**

**GAME DESIGN TRACK**

**42 Total Credit Hours**

**Game Fundamentals Requirements**

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		GDM 102 Introduction to Game Design	3
		GDM 201 Content and Systems Design	3
		GDM 202 Game Engines I	3
		GDM 400 Capstone Project	3

**Design Fundamentals Requirements**

**21 Credit Hours**

		BUS 361 Project Management	3
		COM 316 Digital Storytelling	3
		CSC 101 Programming for Everyone I	3
		CSC 102 Programming for Everyone II	3
		CSM 204 Data Structures	3
		CSM 202 Algorithms	3
		WDM 200 User Experience I	3

**Additional Requirements (choice of 3)**

**9 Credit Hours**

		PSYC 201 Principles of Learning	3
		COM 235 Creative Digital Practice Production	3
		COM 285 Visual Communication	3
		BUS 383 Creativity and Design Thinking	3
		CSC 301 Web Development	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

2022 BS Game Design Track

**GAME DEVELOPMENT**  
**Game Development Track**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**GDM, CSC & CSM courses are offered through the LCMC/Rize consortium**

**GAME DEVELOPMENT TRACK**

**48 Total Credit Hours**

**Game Fundamentals Requirements**

**12 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		GDM 102 Introduction to Games	3
		GDM 201 Content and Systems Design	3
		GDM 202 Game Engines I	3
		GDM 400 Capstone Project	3

**Computer Science Requirements**

**27 Credit Hours**

		CSC 101 Programming for Everyone I	3
		CSC 102 Programming for Everyone II	3
		CSM 201 Introduction to C	3
		CSM 204 Data Structures	3
		CSM 202 Algorithms	3
		GDM 301 Advanced Programming (C# Programming)	3
		GDM 302 Game Engines II	3
		MATH 210A Calculus I	3
		MATH 211 Calculus II	3

**Additional Requirements (choice of 3)**

**9 Credit Hours**

		CS 220 Discrete Patterns for Computer Science	3
		MATH 230 Discrete Mathematics	3
		MATH 321 Prob/Statistical Infer I	3
		BUS 361 Project Management	3
		COM 285 Visual Communication	3
		COM 316 Digital Storytelling	3
		CS 221 Database Techniques	3
		CS 425 Software Engineering I	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

2022 BS Game Dev Track

**Information Technology**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Information Technology**

**54 Credit Hours**

**Information Technology Core Requirements**

**24 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		ITM 102 Introduction to IT Systems	3
		ITM 301 Network Technologies and Telecommunications	3
		ITM 101 Postgresql for Everyone	3
		ITM 401 Data Protection and Management	3
		ITM 402 Cloud Infrastructure and Services	3
		ITM 403 Security and Data Protection	3
		ITM 404 Technology Integration and Troubleshooting (Capstone)	3
		CS/ITM 385 Computer Science Internship	1-6

**Focus Area Requirements**

**6 Credit Hours**

		CSC 104 Application Development	3
		CSC 105 Application Development II	3
		.....OR.....	
		PMM 405A Project Planning II	3
		PMM 405B Project Planning III	3

**Programming Requirements**

**9 Credit Hours**

		CSC 103 Internet History Technology and Security	3
		CSC 101 Programming for Everyone I	3
		CSC 102 Programming for Everyone II	3

**Additional Requirements**

**18 Credit Hours**

		MATH 210A Calculus I	3
		MATH 211 Calculus II	3

		MATH 221 Statistics	3
		ENG 240 Professional Writing	3
		PMM 359 Introduction to Project Management	3
		Optional/Recommended BUS 360 or PSY 240	3

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Pre-Engineering**  
**(Chemical - UA)**  
**3+2 Program Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YRJ [B+]] indicates the course was completed in the fall semester of current year with a grade of B+.)*

<b>Chemical Engineering (Chemistry Major with Math Minor)</b>				<b>65 Credit Hours</b>
<b>Semester Taken</b>	<b>Final Grade</b>	<b>Course</b>		<b>Credit Hours</b>
<b>Chemistry</b>				<b>39 Credit Hours</b>
		CHEM 101	Principles of Chemistry I	3
		CHEM101L	Principles of Chemistry I: Lab	1
		CHEM 102	Principles of Chemistry II	3
		CHEM 102L	Principles of Chemistry II: Lab	1
		CHEM 198	Chem Careers Seminar IA	0.5
		CHEM 199	Chem Careers Seminar IB	0.5
		CHEM201	Organic Chemistry I	3
		CHEM201L	Organic Chemistry I: Lab	1
		CHEM202	Organic Chemistry II	3
		CHEM2002L	Organic Chemistry II: Lab	1
		CHEM298	Chemistry Seminar IIA	0.5
		CHEM299	Chemistry Seminar IIB	0.5
		CHEM303	Modern Analytical Chem	3
		CHEM303L	Modern Analytical Chem Lab	1
		CHEM305	Inorganic Chemistry	3
		CHEM310	Found of Physical Chem	4
		CHEM415	Integrated Lab Experience I	2
		CHEM416	Integrated Lab Experience II	2
		CHEM450	Environmental Chemistry	3
		CHEM470	Fuel Chemistry	3
<b>Physics</b>				<b>8 Credit Hours</b>
		PHYS 201	Principles of Physics I with Calculus	3
		PHYS 101L	Principles of Physics I: Lab	1
		PHYS 202	Principles of Physics II with Calculus	3
		PHYS 102L	Principles of Physics II: Lab	1
<b>Math (minor)</b>				<b>18 Credit Hours</b>
		MATH210	Calculus I * fulfills core and program requirements	3
		MATH211	Calculus II	3
		MATH221	Statistics	3
		MATH310	Calculus III	3
		MATH311	Calculus IV	3
		MATH410	Elem Differential Equations	3

**Additional Requirements:**

\*See the next sheet which includes courses at University of Akron

\*Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 210.

\*Internship completed at either Walsh University or University of Akron, 1-3 credits



### Proposed Curriculum for Pre-Engineering/Chemistry Major at Walsh U to MS Chemical Engineering

#### Fall 4th Year

4200:200	Materials Energy Balance	UG	3
4200:321	Transport Phenomena	UG	3
5xx/6xx	Approved Elective	G	3
4200:6xx	Chemical Engineering Electives	G	3
			12

#### Spring 4th Year

4200:225	Thermodynamics I	UG	4
4200:330	Chemical Reaction Engineering	UG	3
4200:360	ChE Lab	UG	3
4200:6xx	Chemical Engineering Electives	G	3
			13

#### Summer 4th Year

	ChE Report	G	3
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#### Fall 5th Year

4200:610	Classical Thermodynamics	G	3
4200:605	Chemical Reaction Engineering	G	3
4200:631	Chemical Engineering Analysis	G	3
Sxx/6xx	Approved Elective	G	3
			12

#### Spring 5th Year

4200:600	Thansport Phenomena	G	3
Sxx/6xx	Approved Elective	G	9
			12

**Pre-Engineering  
(Bioengineering)  
3+2 Program  
Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed  
Separately) Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Bioengineering (Biology Major with a Math Minor) 67 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
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**Biology 24 Credit Hours**

		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I: Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II: Lab	1
		BIO 120 Introduction to Bioinformatics	3
		BIO 206 Microbiology	3
		BIO 206L Microbiology: Lab	1
		BIO 306 Cell Biology	3
		BIO 307 Essential Biochemistry (counts as CHM 420 at UD)	3
		BIO 410 Cellular & Molecular Techniques (counts as BIE 507 at UD)	3

**Chemistry 16 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1

**Physics 8 Credit Hours**

		PHYS 201 Principles of Physics I - with Calculus	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 202 Principles of Physics II - with Calculus	3
		PHYS 102L Principles of Physics II: Lab	1

**Math 18 Credit Hours**

		MATH 210A Calculus I * fulfills core and program requirements	3
		MATH 211 Calculus II	3
		MATH 221 Statistics	3
		MATH 310A Calculus III	3
		MATH 311A Calculus IV	3
		MATH 410 Elem Differential Equations	3

**Additional Requirements: NONE**

\* Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 207.

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Bioengineering (Year 4 at University of Dayton)**

Semester Taken	Final Grade	Course	Credit Hours
		EGR 202 Introduction to Thermodynamics	3
		BIE 501 Introduction to Bioengineering (graduate)	3
		BIE 505 Principles of Engineering for Bioengineers (graduate)	3
		BIE 561 Biomedical Engineering I (graduate)	3
		MTH 527 Biostatistics	3
		BIE Select Course from Emphasis Area (7 choices)	3
		CME 582 Advanced Chemical Engineering Calculations II	3
		BIE 597 Research Methods	3
		BIO 390 Biology Internship (during summer after year 3 at UD)	3
		General Education Course Counting for Walsh	3
		General Education Course Counting for Walsh	3
		<b>Total for Summer, Fall and Spring of Year 4</b>	<b>33</b>

Year 4 at the University of Dayton may start with courses in summer following the Walsh junior year. The summer, fall and spring of year 4 will be at the University of Dayton. Total credits at UD, including summer, fall and spring for year 4 will be 25 credit hours of engineering courses.

The first 3 years at Walsh will include the first page of this curriculum sheet as well as the majority of the general education curriculum. It may require some summer courses to complete this major in the 3 + 2 window. Check with your advisor for details.

At the end of the spring semester in year 4, the BS in Biology from Walsh will have been earned and you will graduate from Walsh. You will then need to apply to the UD Master's program (see advisor for details) to complete the 5th year at UD. Once accepted into the UD Master's program, you will complete summer, fall and spring courses at UD (and thesis work if chosen) to finish an MS in Bioengineering from UD in the spring of year 5.

During year 4, the Walsh pre-engineering student will have both a Walsh and a UD advisor. Special considerations will be made to work with athletes and honors students.

The exact courses involved in this program are subject to change between 2017-2020 as we optimize this new process. All changes will benefit students enrolled.

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**

**Pre-Engineering**  
**(Biomedical - UA)**  
**3+2 Program Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student** \_\_\_\_\_

**Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YRJ] [B+J] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Biomedical (Biology Major with a Math Minor)**

**66 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
----------------	-------------	--------	--------------

**Biology**

**24 Credit Hours**

		BIO 101	Principles of Biology I	3
		BIO 101L	Principles of Biology I: Lab	1
		BIO 102	Principles of Biology II	3
		BIO 102L	Principles of Biology II: Lab	1
		BIO 120	Introduction to Bioinformatics	3
		BIO 206	Microbiology	3
		BIO 206L	Microbiology: Lab	1
		BIO 306	Cell Biology	3
		BIO 307	Essential Biochemistry	3
		BIO 410	Cellular & Molecular Techniques	3

**Chemistry**

**16 Credit Hours**

		CHEM 101	Principles of Chemistry I	3
		CHEM 101L	Principles of Chemistry I: Lab	1
		CHEM 102	Principles of Chemistry II	3
		CHEM 102L	Principles of Chemistry II: Lab	1
		CHEM201	Organic Chemistry I	3
		CHEM201L	Organic Chemistry I: Lab	1
		CHEM 202	Organic Chemistry II	3
		CHEM202L	Organic Chemistry II: Lab	1

**Physics**

**8 Credit Hours**

		PHYS 201	Principles of Physics I - with Calculus	3
		PHYS 101L	Principles of Physics I: Lab	1
		PHYS 202	Principles of Physics II - with Calculus	3
		PHYS 102L	Principles of Physics II: Lab	1

**Math**

**18 Credit Hours**

		MATH210	Calculus I * fulfills core and program requirements	3
		MATH211	Calculus II	3
		MATH221	Statistics	3
		MATH310	Calculus III	3
		MATH311	Calculus IV	3
		MATH410	Elem Differential Equations	3

**Additional Requirements:**

\*See the next sheet which includes courses at University of Akron

\*Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 210.

\*Internship completed at either Walsh University or University of Akron, 1-3 credits

## Proposed Curriculum for Biology Major at Walsh U to MS Biomedical Engineering

Fall 2nd Year			Credits
4300:201	Statics	UG	3
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Spring 2nd Year			
3450:335	Differential Equations at Walsh	UG	3
4600: 203	Dynamics	UG	3
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Fall 3rd Year			
4300:202	Mechanics of Solids	UG	3
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Spring 3rd Year			
4800 :400	Biomaterials	UG	3
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Fall 4th Year			
4800 :362	Transport Fundamentals for BME	UG	3
4400:307	Basic Electrical Engineering	UG	4
	BME Electives	G	6
			13
Spring 4th Year			
4600:300	Thermodynamics I at UA	UG	3
	BME Electives	UG	3
	BME Electives	G	3
	Engineering Electives	UG	3
			12
Fall 5th Year (Thesis Option)			
4800:605	Fundamentals of Biomedical Engineering	G	4
4800:606	Physiology for Biomedical Science and Engineering	G	3
4800:600	BME Graduate Colloquium	G	1
4800:699	Master's Thesis	G	3
			11
Spring 5th Year			
4800:611	Biometry	G	3
4800:699	Master's Thesis	G	3
	Approved Electives	G	4
			10

Fall 5th Year (Non-thesis Option)			
4800 :605	Fundamentals of Biomedical Engineering	G	4
4800 :606	Physiology for Biomedical Science and Engineering	G	3
4800:600	BME Graduate Colloquium	G	1
	Approved Elective	G	3
			11
Spring 5th Year			
4800:611	Biometry	G	3
	Approved Mathematics/Science	G	3
	Approved Electives	G	4
	Engineering Report	G	2
			12

UA Contact: Dr. Yang Hyun Yun

**Pre-Engineering  
(Chemical Engineering)  
3+2 Program  
Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

<b>Chemical Engineering (Chemistry Major with Math Minor)</b>			<b>66 Credit Hours</b>
<b>Semester Taken</b>	<b>Final Grade</b>	<b>Course</b>	<b>Credit Hours</b>

<b>Chemistry</b>			<b>39 Credit Hours</b>
		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I: Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II: Lab	1
		CHEM 198 Chem Careers Seminar IA	0.5
		CHEM 199 Chem Careers Seminar IB	0.5
		CHEM 201 Organic Chemistry I	3
		CHEM 201L Organic Chemistry I: Lab	1
		CHEM 202 Organic Chemistry II	3
		CHEM 202L Organic Chemistry II: Lab	1
		CHEM 298 Chemistry Seminar IIA	0.5
		CHEM 299 Chemistry Seminar IIB	0.5
		CHEM 303 Modern Analytical Chem	3
		CHEM 303L Modern Analytical Chem Lab	1
		CHEM 305 Inorganic Chemistry	3
		CHEM 310 Found of Physical Chem	4
		CHEM 415 Integrated Lab Experience I	2
		CHEM 416 Integrated Lab Experience II	2
		CHEM 450 Environmental Chemistry	3
		CHEM 470 Fuel Chemistry	3

<b>Physics</b>			<b>8 Credit Hours</b>
		PHYS 201 Principles of Physics I with Calculus	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 202 Principles of Physics II with Calculus	3
		PHYS 102L Principles of Physics II: Lab	1

<b>Math (minor)</b>			<b>18 Credit Hours</b>
		MATH 210A Calculus I * fulfills core and program requirements	3
		MATH 211 Calculus II	3
		MATH 221 Statistics	3
		MATH 310A Calculus III	3
		MATH 311A Calculus IV	3
		MATH 410 Elem Differential Equations	3

**Additional Requirements: see the next sheet which includes courses at University of Dayton**

\* Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 207.

UP-TO-DATE RECORD

Date								
Credits								

GPA								
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**Chemical Engineering (Year 4 at University of Dayton)**

Semester Taken	Final Grade	Course	Credit Hours
		CME 203 Material and Energy Balances	3
		CME 324 Transport Phenomena I	3
		CME 311 Chemical Engineering Thermodynamics	3
		CME 381 Advanced Computations for Chemical Engineers	3
		CME 306 Chemical Reaction Kinetics and Engineering	3
		CME 365 Separation Processes	3
		CME 507 Advanced Thermodynamics	3
		CME 581 Advanced Chemical Engineering Calculations	3
		CHEM 390 Chemistry Internship (summer after Walsh preferred)	3
		General Education Course Counting for Walsh	3
		General Education Course Counting for Walsh	3
		<b>Total for Summer, Fall and Spring of Year 4</b>	<b>33</b>

Year 4 at the University of Dayton may start with courses in summer following the Walsh junior year. The summer, fall and spring of year 4 will be at the University of Dayton. Total credits at UD, including summer, fall and spring for year 4 will be 27 credit hours of engineering courses.

The first 3 years at Walsh will include the first page of this curriculum sheet as well as the majority of the general education curriculum. It may require some summer courses to complete this major in the 3 + 2 window. Check with your advisor for details.

At the end of the spring semester in year 4, the BS in Chemistry from Walsh will have been earned and you will graduate from Walsh. You will then need to apply to the UD Master's program (see advisor for details) to complete the 5th year at UD. Once accepted into the UD Master's program, you will complete summer, fall and spring courses at UD (and thesis work if chosen) to finish an MS in Chemical Engineering from UD in the spring of year 5.

During year 4, the Walsh pre-engineering student will have both a Walsh and a UD advisor. Special considerations will be made to work with athletes and honors students.

The exact courses involved in this program are subject to change between 2017-2020 as we optimize this new process. All changes will benefit students enrolled.

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**



**Pre-Engineering**  
**(Computer Engineering)**  
**3+2 Program**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

<b>Computer Engineering (Computer Programming Major with Math Minor)</b>			<b>62 Credit Hours</b>
<b>Semester Taken</b>	<b>Final Grade</b>	<b>Course</b>	<b>Credit Hours</b>
<b>Computer Science</b>			<b>35 Credit Hours</b>
		CS 108 Foundations of Computer Science I	3
		CS 109 Foundations of Computer Science II	3
		CS 111 Intro to Object Oriented Programming I	3
		CS 112 Introduction to Networking	3
		CS 212 Introduction Object Oriented Programming II	3
		CS 220 Discrete Patterns for Comp Science	3
		CS 221 Database Techniques	3
		CS 298 Computer Science Career Seminar I	1
		CS 306 Computer Organization	3
		CS 114 Introduction to Cybersecurity	3
		CS 425 Software Engineering I	3
		CS 426 Software Engineering II	3
		CS 498 Computer Science Career Seminar II	1
<b>Physics</b>			<b>8 Credit Hours</b>
		PHYS 201 Principles of Physics I with Calculus	3
		PHYS 101L Principles of Physics I: Lab	1
		PHYS 202 Principles of Physics II with Calculus	3
		PHYS 102L Principles of Physics II: Lab	1
<b>Math (minor)</b>			<b>18 Credit Hours</b>
		MATH 210A Calculus I * fulfills core and program requirements	3

		MATH 211    Calculus II	3
		MATH 310A    Calculus III	3
		MATH 311A    Calculus IV	3
		MATH 313    Linear Algebra	3
		MATH 410    Elem Differential Equations	3

**Additional Requirements: see the next sheet which includes courses at University of Dayton**

\* Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 207.

UP-TO-DATE RECORD

Date								
Credits								
GPA								

April 22    BS/MS Pre-Engr (Computer) 3+2/UD

**Computer Engineering    (Year 4 at University of Dayton)**

Semester Taken	Final Grade	Course	Credit Hours
		ECE 201    Circuit Analysis	3
		ECE 201L    Circuit Analysis Lab	1
		ECE 215    Introduction to Digital Systems	3
		ECE 215L    Digital Systems Lab	1
		ECE 203    Introduction to MatLab	1
		ECE 303    Signals an Systems	3
		ECE 340    Engineering Probability and Random Process	3
		ECE 501    Contemporary Digital Design	3
		CPS Core Course or Course from Concentration	3
		CS 385    Computer Engineering Internship (summer after Walsh preferred)	3
		ECE 334    Discrete Signals and Systems	3
		ECE 532    Embedded Systems	3
		CPS Core or Course from Concentration	3
		Course from Concentration	3
		General Education Course Counting for Walsh	3
		General Education Course Counting for Walsh	3

		<b>Total for Summer, Fall and Spring of Year 4</b>	<b>42</b>
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Year 4 at the University of Dayton may start with courses in summer following the Walsh junior year. The summer, fall and spring of year 4 will be at the University of Dayton. Total credits at UD, including summer, fall and spring for year 4 will be 27 credit hours of engineering courses.

The first 3 years at Walsh will include the first page of this curriculum sheet as well as the majority of the general education curriculum. It may require some summer courses to complete this major in the 3 + 2 window. Check with your advisor for details.

At the end of the spring semester in year 4, the BS in Computer Science from Walsh will have been earned and you will graduate from Walsh. You will then need to apply to the UD Master's program (see advisor for details) to complete the 5th year at UD. Once accepted into the UD Master's program, you will complete summer, fall and spring courses at UD (and thesis work if chosen) to finish an MS in Computer Engineering from UD in the spring of year 5.

During year 4, the Walsh pre-engineering student will have both a Walsh and a UD advisor. Special considerations will be made to work with athletes and honors students.

The exact courses involved in this program are subject to change between 2017-2020 as we optimize this new process. All changes will benefit students enrolled.

Credit Hours: 120+ Main Campus

Any repeated courses will not be included in the total earned hours.

**Pre-Engineering  
(Materials Engineering)  
3+2 Program  
Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

Materials Engineering (Chemistry Major with Math Minor)				65 Credit Hours
Semester Taken	Final Grade	Course		Credit Hours
Chemistry				39 Credit Hours
		CHEM 101	Principles of Chemistry I	3
		CHEM 101L	Principles of Chemistry I: Lab	1
		CHEM 102	Principles of Chemistry II	3
		CHEM 102L	Principles of Chemistry II: Lab	1
		CHEM 198	Chem Careers Seminar IA	0.5
		CHEM 199	Chem Careers Seminar IB	0.5
		CHEM 201	Organic Chemistry I	3
		CHEM 201L	Organic Chemistry I: Lab	1
		CHEM 202	Organic Chemistry II	3
		CHEM 202L	Organic Chemistry II: Lab	1
		CHEM 298	Chemistry Seminar IIA	0.5
		CHEM 299	Chemistry Seminar IIB	0.5
		CHEM 303	Modern Analytical Chem	3
		CHEM 303L	Modern Analytical Chem Lab	1
		CHEM 305	Inorganic Chemistry	3
		CHEM 310	Found of Physical Chem	4
		CHEM 415	Integrated Lab Experience I	2
		CHEM 416	Integrated Lab Experience II	2
		CHEM 450	Environmental Chemistry	3
		CHEM 470	Fuel Chemistry	3
Physics				8 Credit Hours
		PHYS 201	Principles of Physics I with Calculus	3
		PHYS 101L	Principles of Physics I: Lab	1
		PHYS 202	Principles of Physics II with Calculus	3
		PHYS 102L	Principles of Physics II: Lab	1
Math (minor)				18 Credit Hours
		MATH 210A	Calculus I * fulfills core and program requirements	3
		MATH 211	Calculus II	3
		MATH 221	Statistics	3
		MATH 310A	Calculus III	3
		MATH 311A	Calculus IV	3
		MATH 410	Elem Differential Equations	3

## Additional Requirements: see the next sheet which includes courses at University of Dayton

\* Math and Science requirements in major also fulfill core requirements; MATH 155 and MATH 156 are prerequisites for MATH 207.

### UP-TO-DATE RECORD

Date								
Credits								
GPA								

### Materials Engineering (Year 4 at University of Dayton)

Semester Taken	Final Grade	Course	Credit Hours
		EGR 201 Mechanics	3
		EGR 202 Engineering Thermodynamics	3
		MAT 501 Principles of Materials I (graduate)	3
		MAT 502 Principles of Materials II (graduate)	3
		MAT 504 Techniques of Materials Analysis	3
		MAT 506 Mechanical Behavior of Materials	3
		MAT 509 Polymers	3
		<b>Electives:</b> 6 hours of Engineering Courses	
		Engineering course (graduate)	
		Engineering course (graduate)	
		CHEM 390 Chemistry Internship	3
		General Education Course Counting for Walsh	3
		General Education Course Counting for Walsh	3
		<b>Total for Summer, Fall and Spring of Year 4</b>	<b>36</b>

Year 4 at the University of Dayton may start with courses in summer following the Walsh junior year. The summer, fall and spring of year 4 will be at the University of Dayton. Total credits at UD, including summer, fall and spring for year 4 will be 25 credit hours of engineering courses.

The first 3 years at Walsh will include the first page of this curriculum sheet as well as the majority of the general education curriculum. It may require some summer courses to complete this major in the 3 + 2 window. Check with your advisor for details.

At the end of the spring semester in year 4, the BS in Chemistry from Walsh will have been earned and you will graduate from Walsh. You will then need to apply to the UD Master's program (see advisor for details) to complete the 5th year at UD. Once accepted into the UD Master's program, you will complete summer, fall and spring courses at UD (and thesis work if chosen) to finish an MS in Materials Engineering from UD in the spring of year 5.

During year 4, the Walsh pre-engineering student will have both a Walsh and a UD advisor. Special considerations will be made to work with athletes and honors students.

The exact courses involved in this program are subject to change between 2017-2020 as we optimize this new process. All changes will benefit students enrolled.

Credit Hours: 120+

Any repeated courses will not be included in the total earned hours.



**3+2 Early Assurance Exercise Science  
Pre-Occupational Therapy  
Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**50 Credit Hours (Years 1-3)**

**Biology 13 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 200 Medical Terminology	1
		BIO 209 Anatomy and Physiology I	3
		BIO 209 L Anatomy and Physiology I Lab	1
		BIO 210 Anatomy and Physiology II	3
		BIO 210 L Anatomy and Physiology II Lab	1
		BIO 309 Human Physiology	4

**Exercise Science 22 Credit Hours**

		EXS 263 Personal and Community Health	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science	3
		EXS 494 Internship	3
		EXS 498 Introduction to Research	1

**Other Requirements 15 Credit Hours**

		PSYC 120 Principles of Psychology	3
		PSYC 210 Human Development Across the Lifespan	3
		PSYC 401 Abnormal Psychology	3
		SOC 101 Principles of Sociology	3
		MATH 221 Statistics (prerequisite MATH 104)	3

**Occupational Therapy Requirements (4<sup>th</sup> Year) 30 Credit Hours**

		OT 503/503L Human Anatomy/Lab	6
		OT 502 Foundations of Occupational Therapy	3
		OT 504 Conditions in Occupational Therapy	2
		OT 506 Task Analysis	2
		OT 602 Occupational Therapy Evaluation and Assessment Skills	2
		OT 604 Psychosocial Aspects of Occupational Performance	3
		OT 606 Therapeutic Interventions in Pediatrics	3
		OT 608 Biomechanics in Occupational Therapy	3
		OT 610 Neuroscience for the Occupational Therapist	3
		OT 612 Level I Fieldwork A / Seminar	2

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

# Early Assurance Exercise Science Pre-Athletic Training Track

## 3+2 Program

### Bachelor of Science

#### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

#### Exercise Science – 63 Credit Hours at Walsh ; 35 Credit Hours at YSU

##### **Biology** **14 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I Lab	1
		BIO 200 Medical Terminology	2
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1

##### **Chemistry** **4 Credit Hours**

		CHEM 109 General, Organic and Biochemistry	3
		CHEM 109L General, Organic and Biochemistry Lab	1

##### **Exercise Science** **26 Credit Hours**

		EXS 261 First Aid	2
		EXS 263 Personal and Community Health	3
		EXS 362 Prevention & Care of Athletic Injuries	3
		EXS 363 Advanced Athletic Injury Management	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics (*DM)	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science (*SL)	3

##### **Other Requirements** **19 Credit Hours**

		NS 207 Nutrition	3
		PSYC 120 Principles of Psychology	3
		MATH 155 Elementary Functions I	3
		MATH 156 Elementary Functions II	3
		MATH 221 Statistics	3
		PHYS 101 Physics I	3
		PHYS 101L Physics I Lab	1

##### **UP-TO-DATE RECORD**

Date								
Credits								
GPA								

\*Meets major and core curriculum requirement



**Athletic Training (Year 4 at Youngstown State University)****35 Credit Hours**

		MAT 6900	Basic Athletic Training Laboratory	1
		MAT 6901	Emergency & Acute Care in Sports Medicine	3
		MAT 6910	Clinical Practicum I	1
		MAT 5865	Functional Human Gross Anatomy	4
		MAT 6915	Evaluation & Management of Lower Extremity Injuries	4
		MAT 6920	Therapeutic Modalities	4
		MAT 6930	Clinical Practicum II	2
		MAT 6950	Evidence-Based Practice/Research	3
		MAT 6925	Evaluation & Management of Upper Extremity Injuries	4
		MAT 6940	Therapeutic Exercise	4
		MAT 6945	General Medical Conditions	3
		MAT 6960	Clinical Practicum III	2

Year 4 at Youngstown State University (YSU) will start in the summer following the Walsh junior year. The summer, fall and spring of year 4 will be at YSU. Total credits at YSU, including summer, fall and spring of year 4 will count towards 35 credit hours of exercise science coursework, exercise science electives and core curriculum at Walsh.

The first 3 years at Walsh will include the first page of this curriculum sheet as well as the majority of the general education curriculum. It may require some summer courses to complete this major in the 3+2 window. Check with your advisor for details.

At the end of the spring semester in year 4, the BS in Exercise Science Pre-Athletic Training will have been earned and you will graduate from Walsh. You will then need to apply to the YSU Master's of Athletic Training program (see advisor for details) to complete the 5<sup>th</sup> year at YSU. Once accepted into the YSU Master's of Athletic Training program, you will complete summer, fall and spring courses at YSU to finish an MS in Athletic Training from YSU in the spring of year 5.

During year 4, the Walsh students in the 3+2 Pre-Athletic Training program will have both a Walsh and YSU advisor. Special considerations will be made to work with honors students.

The exact courses involved in this program are subject to change between \_\_\_\_\_ and \_\_\_\_\_. All changes will benefit students enrolled.

Credit Hours: 96 for Major

120+ for Main Campus

**Exercise Science Pre-Athletic Training Track**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Exercise Science – 79-80 Credit Hours**

**Biology 14 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I Lab	1
		BIO 200 Medical Terminology	2
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1

**Chemistry 4 Credit Hours**

		CHEM 109 General, Organic, and Biochemistry I (GOBC I)	3
		CHEM 109L General, Organic, and Biochemistry I Lab	1

**Exercise Science 36-37 Credit Hours**

		EXS 261 First Aid	2
		EXS 262 Foundations of Physical Education, Exercise Science and Sports	3
		EXS 263 Personal and Community Health	3
		EXS 264 Organization of PE & Athletics	3
		EXS 362 Prevention & Care of Athletic Injuries	3
		EXS 363 Advanced Athletic Injury Management	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science	3
		EXS 494 Internship	3
		EXS 498-99 Introduction to Research	1-2

**Other Requirements 19 Credit Hours**

		MATH 155 Elementary Functions I	3
		MATH 156 Elementary Functions II	3
		MATH 221 Statistics	3
		NS 207 Nutrition	3
		PHYS 101 Physics I	3
		PHYS 101L Physics I Lab	1
		PSYC 120 Principles of Psychology	3

**Electives (choose 2 from the following) 6 Credit Hours**

		COM 212 Interpersonal Communication	3
		EXS 364 Sports Psychology	3
		EXS 365 Sport in American Society	3
		PHIL 304 Bioethics	3
		PSYC 210 Human Development Across the Lifespan	3
		SOC 311 Medical Sociology	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Exercise Science Pre-Occupational Therapy Track**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Exercise Science - 82-83 Credit Hours**

**Biology 14 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 200 Medical Terminology	2
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1
		BIO 309 Human Physiology	4

**Exercise Science 30-31 Credit Hours**

		EXS 262 Foundations of Physical Education	3
		EXS 261 First Aid	2
		EXS 264 Organization of PE & Athletics	3
		EXS 362 Prevention & Care of Athletic Injuries	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science	3
		EXS 494 Internship	3
		EXS 498-99 Introduction to Research	1-2

**Chemistry 4 Credit Hours**

		CHEM 109 General, Organic, and Biochemistry I (GOBC I)	3
		CHEM 109L General, Organic, and Biochemistry I Lab	1

**Other Requirements 28 Credit Hours**

		MATH 155 Elementary Functions I	3
		MATH 156 Elementary Functions II	3
		MATH 221 Statistics	3
		NS 207 Nutrition	3
		PHYS 101/101L Physics I and Lab	4
		PSYC 120 Principles of Psychology	3
		PSYC 210 Human Development	3
		PSYC 401 Abnormal Psychology	3
		SOC 101 Principles of Sociology	3

**Electives (choose 2 from the following) 6 Credit Hours**

		EXS 263 Personal & Community Health	3
		EXS 363 Advanced Athletic Injury Management	3
		EXS 364 Sports Psychology	3
		EXS 365 Sport in American Society	3
		PHIL 304 Bioethics	3
		PSYC 251 Physiological Psychology	3
		SOC 311 Medical Sociology	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Early Assurance Exercise Science Pre-Physical Therapy**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_

**Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**90 Credit Hours**

**Biology**

**20 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1
		BIO 309 Human Physiology	4

**Chemistry**

**8 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II Lab	1

**Exercise Science**

**19 Credit Hours**

		EXS 263 Personal and Community Health	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science	3
		EXS 498 Introduction to Research	1

**Other Requirements**

**23 Credit Hours**

		PSYC 120 Principles of Psychology	3
		PSYC 210 Human Development Across the Lifespan	3
		MATH 155 Elementary Functions I	3
		MATH 156 Elementary Functions II	3
		MATH 221 Statistics	3
		PHYS 101 Physics I	3
		PHYS 101L Physics I Lab	1
		PHYS 102 Physics II	3
		PHYS 102L Physics II Lab	1

**Physical Therapy Requirements (4<sup>th</sup> Year)**

**20 Credit Hours**

		PT 503 Human Anatomy	6
		PT 504 Foundations of Neuroscience	4
		PT 506 Foundations of Pharmacology	2
		PT 511 Foundations of Clinical Science	4
		PT 515 Foundations of Biomechanics	4

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Exercise Science Pre-Physical Therapy Track**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

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**Exercise Science - 69-88 Credit Hours**

**Biology** **16-20 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 101 Principles of Biology I	3
		BIO 101L Principles of Biology I Lab	1
		BIO 102 Principles of Biology II	3
		BIO 102L Principles of Biology II Lab	1
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1
		BIO 309 Human Physiology	4

**Exercise Science** **30-31 Credit Hours**

		EXS 262 Foundations of Physical Education	3
		EXS 261 First Aid	2
		EXS 264 Organization of PE & Athletics	3
		EXS 362 Prevention & Care of Athletic Injuries	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science	3
		EXS 494 Internship	3
		EXS 498-99 Introduction to Research	1-2

**Chemistry** **8 Credit Hours**

		CHEM 101 Principles of Chemistry I	3
		CHEM 101L Principles of Chemistry I Lab	1
		CHEM 102 Principles of Chemistry II	3
		CHEM 102L Principles of Chemistry II Lab	1

**Other Requirements** **9-23 Credit Hours**

		NS 207 Nutrition	3
		PSYC 210 Human Development	3
		MATH 155 Elementary Functions I (required for PHYS 101)	3
		MATH 156 Elementary Functions II (required for PHYS 101)	3
		MATH 221 Statistics	3
		PHYS 101/101L Physics I and Lab	4
		PHYS 102/102L Physics II and Lab	4

**Electives (choose 2 from the following)** **6 Credit Hours**

		EXS 364 Sports Psychology	3
		EXS 365 Sport in American Society	3
		PHIL 304 Bioethics	3
		PSYC 251 Physiological Psychology	3
		PSYC 401 Abnormal Psychology	3
		SOC 311 Medical Sociology	3
		EXS 363 Advanced Athletic Injury Management	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

March 2022 BS Exercise Science Pre-Physical Therapy Track

**Exercise Science Professional Track**  
**Bachelor of Science**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

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**Exercise Science - 65 Credit Hours**

**Biology** **8 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		BIO 209 Anatomy & Physiology I	3
		BIO 209L Anatomy & Physiology I Lab	1
		BIO 210 Anatomy & Physiology II	3
		BIO 210L Anatomy & Physiology II Lab	1

**Exercise Science** **38 Credit Hours**

		EXS 262 Foundations of Physical Education	3
		EXS 261 First Aid	2
		EXS 263 Personal & Community Health	3
		EXS 264 Organization of PE & Athletics	3
		EXS 362 Prevention & Care of Athletic Injuries	3
		EXS 363 Advanced Athletic Injury Management	3
		EXS 381 Physiology of Exercise	3
		EXS 385 Biomechanics	3
		EXS 464 Tests and Measurements	3
		EXS 474 Exercise Testing and Prescription	3
		EXS 484 Concepts in Exercise Science	3
		EXS 494 Internship	6

**Chemistry** **4 Credit Hours**

		CHEM 109 General, Organic, and Biochemistry I (GOBC I)	3
		CHEM 109L General, Organic, and Biochemistry I Lab	1

**Other Requirements** **9 Credit Hours**

		NS 207 Nutrition	3
		PSYC 210 Human Development	3
		MATH 221 Statistics	3

**Electives (choose 2 from the following)** **6 Credit Hours**

		BIO 309 Human Physiology	4
		BUS 230 Financial/Managerial Accounting	3
		EXS 364 Sports Psychology	3
		EXS 365 Sport in American Society	3
		EXS 498-99 Introduction to Research	1-2
		PHIL 304 Bioethics	3
		PSYC 251 Physiological Psychology	3
		PSYC 401 Abnormal Psychology	3
		SOC 311 Medical Sociology	3

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**ADOLESCENCE TO YOUNG ADULT (AYA): INTEGRATED LANGUAGE ARTS LICENSURE PROGRAM****Bachelor of Arts****Major Curriculum Sheet**

(General Education Core Requirements Listed Separately)

Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

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 (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

**Program Requirements****66 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
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**Education****26 Credit Hours**

		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Tech. in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society* <b>fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 264 Education Psychology * <b>fulfills H2b, DM, TH1, and TH3</b>	3
		EDUC 354 Disciplinary Literacy	3
		EDUC 440 Applied Tech. in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar* <b>fulfills DV, CIT, TH1, and program requirements</b>	3

**Adolescence to Young Adult Education****10 Credit Hours**

		EDUC 257 AYA/MCE: Best Practices and Classroom Management	3
		EDUC 320 AYA/MCE: Assessment and Instructional Planning	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with EDUC 345)	1
		EDUC 345 AYA/MCE: Instructional Methods	3

**English****30 Credit Hours**

		ENG 200 Race & Gender	3
		ENG 201 Literature of the British Isles I <b>OR</b> ENG 202 Literature of the British Isles II	3
		ENG 203 World Literature I <b>OR</b> ENG 204 World Literature II	3
		ENG 205 United States Literature I	3
		ENG 206 United States Literature II	3
		ENG 220 Introduction to Creative Writing	3
		ENG 230 Literacy, Form, and Function	3
		ENG 315-X Title: (most meet H1 requirement)	3
		ENG 323 Modern Rhetoric	3
		ENG 330 Adolescent & Young Adult Literature	3

**Credit Hours: 120+ Main Campus**

Any repeated courses will not be included in the total earned hours.

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**ADOLESCENCE TO YOUNG ADULT (AYA): INTEGRATED SOCIAL STUDIES LICENSURE PROGRAM****Bachelor of Arts****Major Curriculum Sheet**

(General Education Core Requirements Listed Separately)

Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

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 (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

**Program Requirements****66 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
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**Education****26 Credit Hours**

		EDUC 107	School & Society: An Introduction to Education	3
		EDUC 140	Introduction to Tech. in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206	Exceptionalities and Multiculturalism in a Global Society* <b>fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 264	Education Psychology * <b>fulfills H2b, DM, TH1, and TH3</b>	3
		EDUC 354	Disciplinary Literacy	3
		EDUC 440	Applied Tech. in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450	Preclinical: Profession in Practice	3
		EDUC 467	Student Teaching Experience	6
		EDUC 468	Student Teaching Seminar* <b>fulfills DV, CIT, TH 1, and program requirements</b>	3

**Adolescence to Young Adult Education****10 Credit Hours**

		EDUC 257	AYA/MCE: Best Practices and Classroom Management	3
		EDUC 320	AYA/MCE: Assessment and Instructional Planning	3
		EDUC 340	Instructional Technology in Practice (taken concurrently with EDUC 345)	1
		EDUC 345	AYA/MCE: Instructional Methods	3

**Economics****3 Credit Hours**

		ECON 203	Global Microeconomics	3
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**History****12 – 15 Credit Hours**

		HIST 101	World Civilization to 1500	3
		HIST 240	Long History of 19 <sup>th</sup> Century U.S.	3
		HIST 311	History of Modern Europe	3
		HIST 318	The Industrial Revolution in the World <b>OR</b> GFA 213 Comparative Politics	3
		HIST 335	The United States in the 20 <sup>th</sup> Century	3

**Government and Foreign Affairs****9 – 12 Credit Hours**

		GFA 103	American Government	3
		GFA 209	World Geography: Political and Economics	3
		GFA 213	Comparative Politics <b>OR</b> HIST 318 The Industrial Revolution in the World	3
		GFA 301	International Politics	3

**Sociology or Psychology (Select ONE)****3 Credit Hours**

		SOC 205	Social and Cultural Diversity	3
		PSYCH 120	Principles of Psychology	3

**Credit Hours: 120+ Main Campus****Any repeated courses will not be included in the total earned hours.****UP-TO-DATE RECORD**

Date								
Credits								
GPA								



# PROFESSIONAL EDUCATION PROGRAM

□ Bachelor of Arts □ Bachelor of Science

Major Curriculum Sheet  
(General Education Core Requirements Listed  
Separately) Walsh University  
2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

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## Professional Education Program

53-55 Total Credit Hours

### General Program Requirements

### Education and/or Content Area Course per Track (21-23 sem. Hrs.)

#### Education (15 sem. hrs.)

Sem. Taken	Final Grade	Course	Cr. Hrs.
		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Intro to Tech in the Classroom	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society	3
		EDUC 264 Educational Psychology * fulfills H2B, DM, TH1, and TH3	3
		EDUC 340 Instructional Tech in Practice	1
		EDUC 440 Applied Tech in Clinical Exp	1
		EDUC 460 Internship * fulfills Core (Tier II – H3)	3

#### Education or Intervention Specialist (3 sem. Hrs.)

		ISE 243 Positive Learning Environments <u>OR</u>	3
		EDUC 257 AYA/MCE Best Prac Classrm Mgt	3

#### Communication (3 sem. Hrs.)

		COM 212 Interpersonal Communication	3
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#### English (6 sem. Hrs.)

		ENG 240 Professional Writing	3
		ENG 342 Grant Writing	3

#### Exercise Science (5 sem. Hrs.)

		EXS 261 First Aid	2
		EXS 263 Personal/Comm Health *Fulfills Core (Tier II – H1)	3

#### Children/Youth Programming Track (23 sem. hrs.)

Sem. Taken	Final Grade	Course	Cr. Hrs.
		EDUC 210 Intro to P-5 Elem Educ	3
		EDUC 211 Child Dev. – Birth to Grade 5	3
		EDUC 250 Dev. Language/ Literacy	3
		ISE 346 Functional Academic/Life Skills for Students with Special Needs	3
		EDUC 313 P-5 Elem Educ Lang Art/Soc St. Methods	3
		EDUC 315 P-5 Elem Educ Math/Science Methods	3
		ISE 245 Family, Schools, Community	2
		EXS 262 Foundations of Ex. Sci & Sports	3

#### Global-Cultural Track (21 sem. hrs.)

		GFA 209 World Regional Geography	3
		SOC 205 Social/Cultural Diversity	3
		ECON 205 Intro to Economics	3
		PSYC 307 Cross-Cultural Psych	3
		PEAC 201 Intro to Peace Studies	3
		GFA 213 Comparative Politics	3
		COM 305 Intercultural Comm.	3

#### Interdisciplinary Track (21-23 sem. hrs.) Courses identified per student's chosen discipline(s)/career goals


Credit Hours: 120+ Main Campus

Any repeated courses will not be included in the total earned hours.

May 2022 BA-BS Professional Educ Prog

# ADOLESCENCE TO YOUNG ADULT (AYA): INTEGRATED MATHEMATICS LICENSURE PROGRAM

## Bachelor of Science in Education

### Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

### Program Requirements

**66 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
----------------	-------------	--------	--------------

### Education 26 Credit Hours

		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Tech. in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society* <b>fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 264 Education Psychology * <b>fulfills H2b, DM, TH1, and TH3</b>	3
		EDUC 354 Disciplinary Literacy	3
		EDUC 440 Applied Tech. in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar* <b>fulfills core DV, CIT, TH1 and program requirements</b>	3

### Adolescence to Young Adult Education 10 Credit Hours

		EDUC 257 AYA/MCE: Best Practices and Classroom Management	3
		EDUC 320 AYA/MCE: Assessment and Instructional Planning	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with EDUC 345)	1
		EDUC 345 AYA/MCE: Instructional Methods	3

### Mathematics 30 Credit Hours

		MATH 110 Mathematics in the World (Computation Mathematics)	3
		MATH 155 Elementary Functions I	3
		MATH 156 Elementary Functions II	3
		MATH 160 Euclidean Geometry	3
		MATH 210 Calculus I	3
		MATH 211 Calculus II	3
		MATH 221 Statistics	3
		MATH 230 Discrete Patterns	3
		MATH 313 Linear Algebra I	3
		MATH 402 Introduction to Modern Geometry	3

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**

### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**ADOLESCENCE TO YOUNG ADULT (AYA): INTEGRATED SCIENCE LICENSURE PROGRAM****Bachelor of Science in Education****Major Curriculum Sheet**

(General Education Core Requirements Listed Separately)

Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
 (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

**Program Requirements****86 - 87 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
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**Education****26 Credit Hours**

		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Tech. in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society* <b>fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 264 Education Psychology * <b>fulfills H2b, DM, TH1, and TH3</b>	3
		EDUC 354 Disciplinary Literacy	3
		EDUC 440 Applied Tech. in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar* <b>fulfills core DV, CIT, TH1 and program requirements</b>	3

**Adolescence to Young Adult Education****10 Credit Hours**

		EDUC 257 AYA/MCE: Best Practices and Classroom Management	3
		EDUC 320 AYA/MCE: Assessment and Instructional Planning	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with EDUC 345)	1
		EDUC 345 AYA/MCE: Instructional Methods	3

**Biology****19 Credit Hours**

		BIO 101/101L Principles of Biology I	4
		BIO 102/102L Principles of Biology II	4
		BIO 209/209L Anatomy & Physiology I	4
		BIO 305 Botany	4
		BIO 314 General Ecology	3

**Chemistry****12 Credit Hours**

		CHEM 101/101L Principles of Chemistry I	4
		CHEM 102/102L Principles of Chemistry II	4
		CHEM 201/201L Organic Chemistry I	4

**Physics****8 Credit Hours**

		PHYS 101/101L Principles of Physics I	4
		PHYS 102/102L Principles of Physics II	4

**Natural Science****6 Credit Hours**

		NS 105 Introduction to Geology	3
		NS 210 Astronomy and Planetary Science	3

**Mathematics****5 – 6 Credit Hours**

		MATH 155 Elementary Functions I (meets Physics prerequisites)	3
		MATH 156 Elementary Functions II (meets Physics prerequisites)	3

**OR**

		MATH 207 Calculus I (meets Physics prerequisites)	5
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**Credit Hours: 120+ Main Campus**

Any repeated courses will not be included in the total earned hours.

# MIDDLE CHILDHOOD EDUCATION LICENSURE PROGRAM

☐ Bachelor of Science

☐ Bachelor of Arts

Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University 2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

## Program Requirements

**81 - 86 Total Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
<b>Education</b>			<b>23 Credit Hours</b>
		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Tech. in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society* <b>fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 264 Education Psychology* <b>fulfills H2b, Dm, TH1, and TH3</b>	3
		EDUC 440 Applied Tech. in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar* <b>fulfills core DV, CIT, TH1 and program requirements</b>	3

## Literacy 12 Credit Hours

		EDUC 252 Principles and Practices of Teaching Phonemic Awareness and Phonics	3
		EDUC 351 Methods of Teaching Developmental Literacy	3
		EDUC 353 Literacy Assessment and Intervention	3
		EDUC 354 Disciplinary Literacy	3

## Middle Childhood Education 10 Credit Hours

		EDUC 257 AYA/MCE: Best Practices and Classroom Management	3
		EDUC 320 AYA/MCE: Assessment and Instructional Planning	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with EDUC 345)	1
		EDUC 345 AYA/MCE: Instructional Methods	3

## Concentration Requirements: Select TWO of the following areas of concentration:

Language Arts - 18 Credit Hrs			Mathematics - 18 Credit Hrs			Science - 20 Credit Hrs			Social Studies - 21 Credit Hrs		
		ENG 200-2 (3)			MATH 108 (3)			BIO 101/101L (4)			HIST 101 (3)
		ENG 206 (3)			MATH 110 (3)			BIO 102/102L (4)			HIST 102 (3)
		ENG 220 (3)			MATH 155 (3)			NS 104 (3)			HIST 103 (3)
		ENG 230 (3)			MATH 156 (3)			NS 105 (3)			HIST 104 (3)
		ENG 330 (3)			MATH 160 (3)			NS 210 (3)			GFA 103 (3)
		ENG 315-X(3)			MATH 221 (3)			BIO 314 (3)			GFA 209 (3)
											ECON 203 (3)

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**

## UP-TO-DATE RECORD

Date								
Credits								
GPA								

# INTERVENTION SPECIALIST (Mild/Moderate Intervention)

## Licensure Program Bachelor of Science in Education Major

Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Intervention Specialist – Mild/Moderate Intervention Licensure Program

63 Credit Hours

#### Education

Semester Taken	Final Grade	Course	35 Credit Hours
		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Technology in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society* <b>fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 250 Foundations of Literacy	3
		EDUC 252 Principles and Practices of Teaching Phonemic Awareness and Phonics	3
		EDUC 264 Education Psychology * <b>Fulfills H2b, DM, TH1, and TH3</b>	3
		EDUC 351 Methods of Teaching Developmental Literacy	3
		EDUC 353 Literacy Assessment and Intervention	3
		EDUC 440 Applied Technology in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar* <b>fulfills core DV, CIT, TH1, and program requirements</b>	3

#### Intervention Specialist Education

19 Credit Hours

		ISE 243 Positive Learning Environments	3
		ISE 245 Families, Schools & Communities	2
		ISE 340 Augmentative/Assistive Technologies	2
		ISE 342 Assessment & Planning: IS	3
		ISE 345 Transitions: Planning & Intervention	2
		ISE 348 Teaching Language Arts/Social Studies for Students with Special Needs	3
		ISE 349 Teaching Math/Science for Students with Special Needs	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with ISE 349)	1

#### Additional Requirements

9 Credit Hours

		GFA 209 World Geography: Political & Economic* <b>fulfills core (Tier I) and program requirements</b>	3
		MATH 107 Mathematics for Educators I* <b>fulfills core and program requirements</b>	3
		MATH 108 Mathematics for Educators II* <b>fulfills core and program requirements</b>	3

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**

# INTERVENTION SPECIALIST (Moderate/Intensive Intervention)

## Licensure Program Bachelor of

## Science in Education Major

### Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### Intervention Specialist Moderate/Intensive Intervention Licensure Program

66 Credit Hours

#### Education

Semester Taken	Final Grade	Course	35 Credit Hours
		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Technology in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society* fulfills Diversity and Service Learning requirements and TH1	3
		EDUC 250 Foundations of Literacy	3
		EDUC 252 Principles and Practices of Teaching Phonemic Awareness and Phonics	3
		EDUC 264 Educational Psychology *Fulfills H2b, DM, TH1 and TH3	3
		EDUC 351 Methods of Teaching Developmental Literacy	3
		EDUC 353 Literacy Assessment and Intervention	3
		EDUC 440 Applied Technology in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar* fulfills core DV, CIT, TH1, and program requirements	3

#### Intervention Specialist Education

22 Credit Hours

		ISE 243 Positive Learning Environments	3
		ISE 245 Families, Schools & Communities	2
		ISE 340 Augmentative/Assistive Technologies	2
		ISE 342 Assessment & Planning: IS	3
		ISE 344 Curriculum/Intervention Strategies	3
		ISE 345 Transitions: Planning & Intervention	2
		ISE 346 Functional Academic/Life Skills for Students with Special Needs	3
		ISE 347 Sensory/Motor/Health Intervention Strategies	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with ISE346)	1

#### Additional Requirements

9 Credit Hours

		GFA 209 World Geography: Political & Economic* fulfills core (Tier I) and program requirements	3
		MATH 107 Mathematics for Educators I* fulfills core and program Requirements	3
		MATH 108 Mathematics for Educators II* fulfills core and program requirements	3

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

Any repeated courses will not be included in the total earned hours.

# ELEMENTARY EDUCATION P-5 LICENSURE PROGRAM (P-5)

## Bachelor of Science in Education

Major Curriculum Sheet

(General Education Core Requirements Listed Separately)

Walsh University

2022-2023

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

### P-5 ELEMENTARY EDUCATION MAJOR

62 TOTAL CREDIT HOURS

#### Education-core, 12 credits of reading, pre and clinical practice coursework

48 Semester Hours

Semester Taken	Final Grade	Course	Credit Hours
		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Technology in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society <b>*fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 210 Introduction to P-5 Elementary Education	3
		EDUC 211 Child Development Birth to Grade 5	3
		EDUC 250 Foundation of Literacy	3
		EDUC 252 Principles and Practices of Teaching Phonemic Awareness and Phonics	3
		EDUC 264 Educational Psychology <b>fulfills H2b, DM, TH1, and TH3</b>	3
		EDUC 313 P-5 Elementary Education Language Arts/Social Studies Methods	3
		EDUC 315 P-5 Elementary Education Math/Science Methods	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with ECE 315)	1
		EDUC 351 Methods of Teaching Developmental Literacy	3
		EDUC 353 Literacy Assessment and Intervention	3
		EDUC 450 P-5 Preclinical: Profession In Practice	3
		EDUC 440 Applied Technology in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar <b>*fulfills core DV, CIT, TH1, and program requirements</b>	3

#### Intervention Specialist Education

8 Semester Hours

		ISE 243 Positive Learning Environments	3
		ISE 245 Family, Schools & Community	2
		ISE 341 Elementary Education Assessment & Planning	3

#### Mathematics

3 Semester Hours

		MATH 107 Mathematics I for Educators <b>*fulfills core and program requirements</b>	3
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#### Social Sciences

3 Semester Hours

		GFA 209 World Regional Geography <b>*fulfills major and core requirements</b>	3
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#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

Credit Hours: 120+ Main Campus

Any repeated courses will not be included in the total earned hours.

May 2022 BSE P-5 Elem Ed Licensure

**P-5 ELEMENTARY EDUCATION/P-5 INTERVENTION SPECIALIST  
(DUAL LICENSURE)**

**Bachelor of Science in Education**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**P-5 ELEMENTARY EDUCATION/P-5 INTERVENTION SPECIALIST MAJOR**

**73 TOTAL CREDIT HOURS**

**Education-core, 12 credits of reading, pre and clinical practice coursework**

**48 Semester Hours**

Semester Taken	Final Grade	Course	Credit Hours
		EDUC 107 School & Society: An Introduction to Education	3
		EDUC 140 Introduction to Technology in the Classroom (taken concurrently with EDUC 107)	1
		EDUC 206 Exceptionalities and Multiculturalism in a Global Society <b>*fulfills Diversity and Service Learning requirements and TH1</b>	3
		EDUC 210 Introduction to P-5 Elementary Education	3
		EDUC 211 Child Development Birth to Grade 5	3
		EDUC 250 Foundation of Literacy	3
		EDUC 252 Principles and Practices of Teaching Phonemic Awareness and Phonics	3
		EDUC 264 Educational Psychology <b>*Fulfills H2b, DM, TH1 and TH3</b>	3
		EDUC 313 P-5 Elementary Education Language Arts/Social Studies Methods	3
		EDUC 315 P-5 Elementary Education Math/Science Methods	3
		EDUC 340 Instructional Technology in Practice (taken concurrently with ECE 315)	1
		EDUC 351 Methods of Teaching Developmental Literacy	3
		EDUC 353 Literacy Assessment and Intervention	3
		EDUC 450 Preclinical: Profession in Practice	3
		EDUC 440 Applied Technology in the Clinical Experience (taken concurrently with EDUC 468)	1
		EDUC 467 Student Teaching Experience	6
		EDUC 468 Student Teaching Seminar <b>*fulfills core DV, CIT, TH1 and program requirements</b>	3

**Intervention Specialist Education**

**19 Semester Hours**

		ISE 243 Positive Learning Environments	3
		ISE 245 Family, Schools & Community	2
		ISE 340 Augmentative/Assistive Technologies	2
		ISE 341 Elementary Education Assessment & Planning	3
		ISE 347 Sensory/Motor/Health Intervention Strategies	3
		ISE 319 P-5 IS: Curriculum/Intervention Strategies	3
		ISE 346 Functional Life Skills for Students with Special Needs	3

**Mathematics**

**3 Semester Hours**

		MATH 107 Mathematics I for Educators <b>*fulfills core and program requirements</b>	3
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**Social Sciences**

**3 Semester Hours**

		GFA 209 World Regional Geography <b>*fulfills major and core requirements</b>	3
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**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**Credit Hours: 120+ Main Campus**

**Any repeated courses will not be included in the total earned hours.**



**BACHELOR OF SCIENCE IN NURSING (Four Year)**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course is taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Nursing Requirements** **54 Credit Hours**

Semester Taken	Final Grade	Course Requirements	Credit Hours
		NURS 220PL Theoretical Foundation for Nursing Practice <b>*H1 – fulfills Heritage Series &amp; program requirements</b>	3
		NURS 230PL Health Assessment and Promotion for Nursing Practice <b>*fulfills Diversity &amp; program requirements</b>	4
		NURS 240PL Clinical Pharmacology and Nursing Management	3
		NURS 310PL Foundations of Nursing with the Older Adult	5
		NURS 320PL Nursing to Promote Mental Health	4
		NURS 330PL Nursing with Acutely Ill Adult I	4
		NURS 335PL Nursing with Acutely Ill Adult II	4
		NURS 340PL Nursing with Families I	4
		NURS 410PL Nursing Research	3
		NURS 420PL Population Focused Nursing <b>*fulfills Diversity, Service Learning &amp; program requirements</b>	4
		NURS 425PL Nursing with Families II <b>*fulfills Service Learning &amp; program requirements</b>	4
		NURS 430PL Nursing Leadership	5
		NURS 440PL Nursing with Critically Ill Adult	5
		NURS 450PL Nursing Capstone	2

**Additional Requirements** **31 Credit Hours**

		BIO 206 Microbiology (lab science)	4
		BIO 209 Anatomy & Physiology I (lab science)	4
		BIO 210 Anatomy & Physiology II (lab science)	4
		BIO 290 Pathophysiology	3
		CHEM 120 Fundamentals of Clinical Chemistry <b>*fulfills Tier 1 &amp; program requirements</b>	4
		MATH 221 Statistics	3
		NS 207 Nutrition	3
		PYSCH 210 Human Development <b>*fulfills Tier 1 &amp; program requirements</b>	3
		PHIL 304 Bioethics <b>*H3 – fulfills Heritage Series &amp; program requirements</b>	3

**Electives** **Credit Hours**


**CREDIT HOURS 120+ Main Campus**

**UP-TO-DATE RECORD**

Date								
Credits								
GPA								

**BACHELOR OF SCIENCE IN NURSING**  
**Fast Track Program**  
Major Curriculum Sheet  
(General Education Core Requirements Listed Separately)  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course is taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Nursing Requirements** **54 Credit Hours**

Semester Taken	Final Grade	Course Requirements	Credit Hours
		NURS 220PL Theoretical Foundation for Nursing Practice <b>*H1 – fulfills Heritage Series &amp; program requirements</b>	3
		NURS 230PL Health Assessment and Promotion for Nursing Practice <b>*fulfills Diversity &amp; program requirements</b>	4
		NURS 240PL Clinical Pharmacology and Nursing Management	3
		NURS 310PL Foundations of Nursing with the Older Adult	5
		NURS 320PL Nursing to Promote Mental Health	4
		NURS 330PL Nursing with Acutely Ill Adult I	4
		NURS 335PL Nursing with Acutely Ill Adult II	4
		NURS 340PL Nursing with Families I	4
		NURS 410PL Nursing Research	3
		NURS 420PL Population Focused Nursing <b>*fulfills Diversity, Service Learning &amp; program requirements</b>	4
		NURS 425PL Nursing with Families II <b>*fulfills Service Learning &amp; program requirements</b>	4
		NURS 430PL Nursing Leadership	5
		NURS 440PL Nursing with Critically Ill Adult	5
		NURS 450PL Nursing Capstone	2

**Additional Requirements** **31 Credit Hours**

		BIO 206 Microbiology (lab science)	4
		BIO 209 Anatomy & Physiology I (lab science)	4
		BIO 210 Anatomy & Physiology II (lab science)	4
		BIO 290 Pathophysiology	3
		CHEM 120 Fundamentals of Clinical Chemistry (no lab) <b>*fulfills Tier 1 &amp; program requirements</b>	4
		MATH 221 Statistics	3
		NS 207 Nutrition	3
		PYSCH 210 Human Development <b>*fulfills Tier 1 &amp; program requirements</b>	3
		PHIL 304 Bioethics <b>*H3 – fulfills Heritage Series &amp; program requirements</b>	3

**Digital Campus Core Requirements (If transferring less than 60 credit hours)** **Credit Hours**

		Philosophy/Theology (Including one Theology at a 200 level or higher)	12
		English (Competency at 102 level)	9
		Foreign Language/Art/Music	9
		Social Sciences/Economics/History	12
		Mathematics/Sciences	6

**CREDIT HOURS 120+ Main Campus**

UP-TO-DATE RECORD

Date								
Credits								
GPA								

**BSN Pre-Requisites**  
**Byers School of Nursing**  
Curriculum Sheet  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor:** \_\_\_\_\_

**Admission to Nursing GPA:** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course is taken. The second box is for the final grade received in that course. (Example: [F-YR][B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**Pre-Requisite/Nursing Requirements**

**15 Credit Hours**

Admission to the nursing program is a two-step process. Applicants must first be admitted to Walsh University as Pre-Nursing students. In order to progress into the baccalaureate nursing program, the student must complete three science courses (including labs) and a nursing theory course. Students who achieve a cumulative grade point average of 2.75 or higher in these courses will be admitted into the nursing major.

<b>Semester Taken</b>	<b>Final Grade</b>	<b>Course Requirements</b>	<b>Credit Hours</b>
		BIO 209      Anatomy & Physiology I	3
		BIO 209L      Anatomy & Physiology I Lab	1
		BIO 210      Anatomy & Physiology II	3
		BIO 210L      Anatomy & Physiology II Lab	1
		CHEM 120      Fundamentals of Clinical Chemistry	4
		NURS 220PL      Theoretical Foundations of Nursing Practice	3
		<b>Total Hours</b>	<b>15</b>

Students must receive a grade of C or higher in each of the above listed courses with a cumulative grade point average for these courses of a 2.75 or higher.

A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
Grade received multiplied by # of credits = quality points (Example: B received for 3 credit class: 3 X 3 = 9)	

# Certificate of Applied Research

Curriculum Sheet

2022-2023

Walsh University

Student: \_\_\_\_\_ Advisor: \_\_\_\_\_

Major: ☐ Government and Foreign Affairs ☐ Psychology ☐ School of Business ☐ Sociology

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

21 Credit Hours			
Semester Taken	Final Grade	Course	
<b>Foundation:</b>			3 Credit Hours
		BUS 106 Electronic Spreadsheet Applications	3
<b>Introduction to Research:</b> <i>Pick one course from major</i>			3 Credit Hours
		BUS 364 Research Methods and Design	3
		GFA 214 Introduction to Research	3
		SOC 220 Social Research Methods	3
<b>Research Methods/Statistics:</b> <i>Pick one course from major</i>			3 Credit Hours
		BSC 221 Statistics for Behavioral Sciences	3
		BUS 232 FD:Information Analysis (pre-requisite BUS 106)	3
		GFA 215 Research Methods in Political Science	3
<b>Research in Major:</b> <i>Pick two courses from major</i>			6 Credit Hours
		BUS 311 Marketing Research (pre-requisites)	3
		BUS 417 Operations Management	3
		GFA 301 FD:Global Politics	
		GFA 401 Poverty & Prosperity in the Developing World	3
		GFA 403 TH1:Supreme Court and Constitution	3
		GFA 405 TH1:DV:Civil Rights and Liberties	3
		GFA 409 TH1:International Political Economy	3
		GFA 411 TH1:Public Administration	3
		GFA 415 TH1:International Law	3
		PSYC 321 Experimental Psychology	3
		PSYC 460 Senior Research Project	3
		SOC 305 Criminology	3
		SOC 309 Corrections	3
		SOC 311 Medical Sociology	3
		SOC 314 Sociology of Aging	3
		Junior Research Project *	

\*The Junior Research Project is a part of a 300-400 level course that is taken in a student's junior year in their major. If a course does not have a research component included, the student may do a research project in a course that enables the course to be used for research in the major requirement.

<b>Applied Research:</b> ** <i>Pick 2 Courses</i>			6 Credit Hours
		BUS 232 FD:Information Analysis (pre-requisite BUS 106)	3
		CARP 300 Applied Research I	3
		CARP 400 Applied Research II	3

\*\*Students will work as research assistants with Walsh faculty and on other approved research projects.

## UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Division of Math & Sciences**  
**Cybersecurity Certificate**  
**Walsh University**  
**2022-2023**

**Student** \_\_\_\_\_

**Advisor** \_\_\_\_\_

**Major** \_\_\_\_\_

**Certificate of Cybersecurity**

**16 Total Credit Hours**

<i>Semester/Yr Taken</i>	<i>Final Grade</i>	<i>Course Code &amp; Description</i>	<i>Credits</i>
<i>ex: Fall 18</i>	<i>X</i>	<i>Example: WU 123 Principles of XYZ123</i>	<i>0</i>
		CS 114 Introduction to Cybersecurity	3
		CS 221 Database Techniques	3
		CS 387 Advanced Cybersecurity	3
		ICT 410 Intrusion Detection/Incident Response	3
		ICT 412 Ethical Hacking and System Defense	3
		CS 385 Cybersecurity Practicum	1

The practicum will be an experiential commitment. It may involve an applied project where the student works a project coordinated with Walsh at designated internship site or a project coordinated in some way.



## Bachelor's Degree Core Curriculum Requirements

Student Name \_\_\_\_\_ Student ID# \_\_\_\_\_

Catalog Year \_\_\_\_\_ Degree: BA ☐ BS ☐ BSE ☐ BSN ☐ BBA ☐ Other

Professional Advisor \_\_\_\_\_

Faculty Advisor \_\_\_\_\_

### Interdisciplinary Courses (3 cr hrs) - Digital Media requirements may also be satisfied by Foundations, Themes, or Major courses

Course/Project	Sem/Yr	Grade
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FYE 101 (1 cr hr)	_____	_____
Gen Ed Interdisciplinary Seminar (DM) (2 cr hrs)	_____	_____

### Required Designations – Diversity, Service Learning, and CIT requirements may be satisfied by Foundations, Themes, or Major courses

Course/Project	Sem/Yr	Grade
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Diversity (DV)	_____	_____
Service Learning (SL)	_____	_____
Catholic Int Tradition (CIT)	_____	_____
Catholic Int Tradition (CIT)	_____	_____

### Global Learning (GL) Choose ONE of the following seven (7) options below to satisfy this requirement:

____ International Student		
____ Walsh/Cons GL Program	Sem/Yr _____	Country _____
____ Foreign Language Badge	Sem/Yr _____	Language/Level _____
____ GL-Designated Course	Sem/Yr _____	Grade _____ Course _____
____ Online GL Module	Sem/Yr _____	P/F _____
____ AP Score of 4 or 5 on any language		
____ Transfer Credit of 3 CR of any foreign language		

### Foundations (FD)

	Course	Sem/Yr	Grade		Course	Sem/Yr	Grade
MATH or BUS	MATH 104 or 121	_____	_____	BIO, CHEM, NS, PHYS	_____	_____	_____
	BUS 232	_____	_____	ARHI, ART, MUS, VPA	_____	_____	_____
ENG	101	_____	_____	SOC or PSYC	_____	_____	_____
ENG	102	_____	_____	HIST or ENG LIT	_____	_____	_____
THEO	101	_____	_____	GFA or ECON	_____	_____	_____
THEO	102	_____	_____	PHIL	_____	_____	_____

### Exploratory Themes (TH1, TH2, TH3)

Students are required to select 2 Themes (A and B)

**Selection A: (6 CR)**

<input type="checkbox"/> 1) Leadership, Responsibility and Social Justice	<input type="checkbox"/> 2) Science Innovation and Environmental Sustainability	<input type="checkbox"/> 3) Creativity in the Arts, Culture and Humanities
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Course	Sem/Yr	Grade
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_____	_____	_____
_____	_____	_____

**Selection B: (6 CR)**

<input type="checkbox"/> 1) Leadership, Responsibility and Social Justice	<input type="checkbox"/> 2) Science Innovation and Environmental Sustainability	<input type="checkbox"/> 3) Creativity in the Arts, Culture and Humanities
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Course	Sem/Yr	Grade
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_____	_____	_____
_____	_____	_____

## Honors Program

Walsh University

2022-2023

Student: \_\_\_\_\_

Advisor: \_\_\_\_\_

Students are required to maintain a minimum of a 3.3 overall grade-point average (GPA), a “B” or better in all Honors courses, and be enrolled in an appropriate Honors course each semester to stay in the Honors Program. Students entering the program must complete all degree requirements of their major(s) and minor(s), plus:

Grade	Semester	Course	Credits
<b>Freshman Year: Required Writing and Theology</b>			<b>6 credits</b>
	Fall	HON 120 Interdisciplinary Research & Writing (FD – Writing)	3
	Spring	HON 121 The History of Christianity (FD – THEO 102) (Pre-requisite is THEO 101 The Judeo-Christian Tradition)	3

**Freshman or Sophomore Year: ONE of the following courses in Mathematics 3 credits**

		MATH 155 Elementary Functions I	
		MATH 156 Elementary Functions II	
		MATH 210A Calculus I	
		MATH 221 Statistics	
		BSC 221 Stats for Behavioral Sciences	
		BUS 232 Business Statistics (FD)	

**Freshman or Sophomore Year: TWO of the following Foundations Courses 6 credits**

		HON 220 Honors Natural Science (FD – NS)	
		HON 221 Honors Sociology/Psychology (FD – SOC, PSYCH)	
		HON 222 Honors Art/Music (FD – ART, MUS)	
		HON 223 Honors GFA/Economics (FD – GFA, Economics)	
		HON 224 Honors Philosophy (FD – PHIL)	
		HON 225 Honors Literature/History (FD – ENG, HIST)	

**Sophomore or Junior Year: Required Honors Seminar courses 6 credits**

	F or Sp	HON 320 Themes Seminar I (TH)	3
	F or Sp	HON 321 Themes Seminar II (TH)	3

**Junior Year: Required Research Courses 3 credits**

	Fall	HON 330 Junior Honors Project (DM, Gen Ed Seminar)*	2
	Fall	HON 331 Research Methods*	1
NA	Spring	Senior Honors Thesis Proposal*	0

**Senior Year: Required Senior Honors Thesis 3 credits**

	F or Sp	HON 400 Senior Honors Thesis*	3
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**Total Credits: 27**

\*Note: Honors students and their advisors should consult the Honors Program Thesis Manual—available on Honors Students’ ECN site—wherein the Honors Program outlines the major steps that constitute the Junior Honors Project, (JHP), Senior Honors Thesis Proposal, and Senior Honors Thesis.

Updated Apr 2022

# Minor in Music

Curriculum Sheet  
Walsh University  
2022-2023

Student \_\_\_\_\_ Advisor \_\_\_\_\_

Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

## MINOR IN MUSIC

18 Total Credit Hours

### Minimum 12 Credit Hours from the following:

Semester Taken	Final Grade	Course	Credit Hours
		VPA 101 FD:Introduction to Arts Appreciation	3
		MUS 102 FD:Classical Music in the Modern World	3
		MUS 170 Fundamentals of Musicianship	3
		MUS 202 TH3:DV:History of American Musical Theater	3
		MUS 203 FD:DV:History of Blues and Jazz	3
		MUS 210 FD:DV:History of Rock Music	3
		MUS 211 FD:Music and the Movies	3

### Minimum 6 Credit Hours from the following:

**Ensembles (16 weeks)** – Students may take ensembles for either 0 or 1 credit in order to avoid overload fees. They must take the ensemble for credit, however, to count toward the minor. Students may count up to 3 credits of ensemble toward the minor.

Semester Taken	Final Grade	Course	Credit Hours
		MUS 050 Walsh University Chorale	0-1
		MUS 051 Chamber Singers	0-1
		MUS 053 World Music Ensemble	0-1
		MUS 060 Band	0-1
		MUS 074 Handbells	0-1

**Private Music Instruction (16 weeks)** – Students may count up to 3 credits of private music instruction toward the minor.

Semester Taken	Final Grade	Course	Credit Hours
		MUS 055 Voice	1
		MUS 061 Piano	1
		MUS 062 Guitar	1

### UP-TO-DATE RECORD

Date								
Credits								
GPA								



# PEACE STUDIES MINOR

Curriculum Sheet  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_  
Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course.  
(Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)

## Peace Studies Minor

**21 Credit Hours**

Semester Taken	Final Grade	Course	Credit Hours
		PEAC 201 TH1:Introduction to Peace Studies	3
		PEAC 301 Conflict Resolution	3

### Select one from Area A: Peace & National & International Systems\* (3 Credit Hours)

		GFA 213 FD (3)	
		GFA 301 FD (3)	
		GFA 355 TH1 (3)	
		GFA 409 TH1 (3)	
		GFA 415 TH1 (3)	
		HIST 336 DV (3)	
		HIST 337 DV (3)	
		HIST 338 DV (3)	

### Select one from Area B: Influences on Peace\* (3 Credit Hours)

		COM 305 TH3 (3)	
		GFA 415 TH1 (3)	
		PSYC 200 (3)	
		SOC 306 (3)	
		SOC 312 (3)	

### Select one from Area C: The Promotion of Social, Economic, and Environmental Justice\* (3 Credit Hours)

		GFA 213 FD (3)	
		GFA 401 (3)	
		GFA 409 TH1 (3)	
		HIST 225 FD (3)	
		HIST 313 TH1 (3)	
		NS 110 (3)	
		SOC 205 (3)	
		SOC 304 (3)	
		SOC 306 (3)	
		SOC 313 (3)	
		SOC 322 (3)	
		THEO 309 TH1 (3)	

### Electives\* (6 Credit Hours) – Select two elective courses from Area A, B, or C

**\*If a course is taken in one area, it cannot be repeated for either of the other course selections**

			3
			3

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

# Reduced Core Requirements\*

## Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration

Curriculum Sheet  
Walsh University  
2022-2023

**Student:** \_\_\_\_\_ **Advisor** \_\_\_\_\_

*Two boxes appear before each course listing. The first box is for the semester when the course was taken. The second box is for the final grade received in that course. (Example: [F-YR] [B+] indicates the course was completed in the fall semester of current year with a grade of B+.)*

**For students who transfer in 60 + credit hours**

**30-31 CREDIT HOURS TOTAL**

### First-Year Experience & Designations

**3-4 Credit Hours**

Semester Taken	Final Grade		Credit Hours
		FYE _____ First-Year Experience for Transfers ( <b>Recommended</b> )	1
		_____ Catholic Intellectual Tradition (CIT) ( <b>one course</b> )	3
		_____ Global Learning (GL) ( <b>satisfied in any of 7 ways</b> )	0

### Proficiencies

**6 Credit Hours**

		ENG 102 Reading & Writing Connections	3
		MATH _____ MATH 104 or higher	3

### Philosophy/Theology

**6 Credit Hours**

		PHIL _____	3
		THEO 101 or 102 _____	3

### Sociology/Psychology (Select one of the following)

**3 Credit Hours**

		SOC _____ PSYC _____	3
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### GFA/Economics (Select one of the following)

**3 Credit Hours**

		GFA _____ ECON _____	3
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### History/English (Select one of the following)

**3 Credit Hours**

		HIST _____ ENG _____ (200 level)	3
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### Natural Science (Select one of the following)

**3 Credit Hours**

		NS _____ BIO _____ CHEM _____ PHYS _____	3
--	--	--	---

### Visual & Performing Arts (Select one of the following)

**3 Credit Hours**

		ARHI _____ ART _____ MUS _____ VPA _____	3
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*\*This curriculum sheet does not apply to "Re-admitted" students, those who enroll at Walsh University and withdraw to attend another university and then return to Walsh with transfer credits. Also, any repeated courses will not be included in the total earned hours.*

#### UP-TO-DATE RECORD

Date								
Credits								
GPA								

**Required credits to graduate: 120**

May 22 Reduced Core BA/BS

# WALSH UNIVERSITY MINOR REQUIREMENTS

## ACCOUNTING - 21 hrs.

	BUS 207	3
	BUS 208	3
	BUS 371	3
	BUS 372	3
	BUS 373	3
	BUS 423	3
	BUS 434	3

Business core courses are not required for minor.

Competency in computer applications required (either BUS 106 and BUS 107 or successful completion of Excel and PowerPoint competency examinations).

## ACTUARIAL SCIENCE - 21 hr

	MATH 321	3
	MATH 322	3
	MATH 340	3
	BUS 111	3
	BUS 363	3
	ECON 203	3
	ECON 204	3

## ART - 18 hrs.

	ART 101	3
	ART 102	3
	ART 103	3

ART Electives (9 credits):

	ART	3
	ART	3
	ART	3

## ART HISTORY- 18 hrs.

	ARHI 101	3
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Required Diversity Course (3)

	ARHI 220	3
	ARHI 230	3

Course Content Electives (12)

	ARHI 200	3
	ARHI 210	3
	ARHI 240	3
	ARHI 250	3
	ARHI 260	3
	ARHI 265	3
	ARHI 270	3
	ARHI 280	3
	ARHI 290	3
	ARHI 315	3
	PHIL 303	3

## BIOLOGY- 18 hrs.

	BIO 101	4
	BIO 102	4

At least 4 hours at a 300 level or higher and any other course that contributes to a BIO major may be

	BIO	
	BIO	
	BIO	
	BIO	

## BUSINESS - 18 hrs.

	BUS 207	3
	BUS 208	3
	BUS 233	3
	BUS 234	3
	BUS 209	3
	ECON 203	3

Business core courses are not required for minor.

Non-Business majors only.

Competency in computer applications required (either BUS 106 and BUS 107 or successful completion of Excel and PowerPoint competency examinations).

## CHEMISTRY - 18 hrs.

	CHEM 101	4
	CHEM 102	4

At least 4 hours at a 300 level or higher and any other course that contributes to a CHEM major may be used (10 credits):

	CHEM	
	CHEM	
	CHEM	
	CHEM	

\* 9 hours of 300 level CHEM courses required for Biology majors

## COMMUNICATION - 18 hrs.

	COM 210	3
	COM211	3
	COM 250	3

COM Electives (9 credits):

	COM	
	COM	
	COM	

Can include any course that contributes to a COM major.

## COMMUNITY AND NON-PROFIT LEADERSHIP - 18

	BUS 106*	3
	BUS 234	3
	ENG 342	3

Choice of one of the following:

	BUS 233	3
	COM 360	3

Choice of one of the following:

	BUS 232	3
	MATH 221	3
	GFA 215	3

Choice of one of the following:

	BUS 418	3
	BUS 360	3
	MS 390	3

Choice of one of the following:

	GFA 323	3
	GFA 411	3

\*Students may elect to test out of BUS 106 and thus reduce the number of hours necessary for minor (18 cr.)

## COMPUTER SCIENCE - 18 hrs.

	CS 111	3
	CS 211	3
	CS 221	3

Choose one of the following

	CS 201	3
	CS 203	3
	CS 207	3
	CS 314	3

Choose one of the following

	CS 301	3
	CS 326	3
	COM 330	3

Choose one of the following

	CS 201 or higher	3
	COM 330	3

Consult Advisor. COM 330 may count as an elective

## CORPORATE COMMUNICATIONS (BUS Majors Only) - 18 hrs.

	COM 211	3
	COM 250	3
	BUS 233	3

Choose two (6 credits):

	COM 360	3
	COM 330	3
	COM 311	3

Choose one (3 credits):

	COM 365	3
	COM 460	3
	COM430	3
	BUS 385	3

## DATA ANALYTICS - 21 hrs.

	BUS 106	3
	BUS 232	3
	BUS 350	3
	BUS 364	3
	BUS 390	3
	BUS 412	3
	BUS 429	3

## DIGITAL MARKETING and ANALYTICS - 21 hrs.

	BUS 233	3
	BUS 309	3
	BUS 426	3
	BUS 430	3
	COM 175	3
	GD/COM 295	3

Choose one (3 credits):

	BUS 311	3
	BUS 416	3

Competency in computer applications (either BUS 106 and BUS 107 and PowerPoint examinations) required.

## ECONOMICS - 18 hrs.

	ECON 203	3
	ECON 204	3
	ECON 301	3
	ECON 312	3
	ECON 320	3
	ECON 322	3

Business core courses are not required for minor. Competency in computer applications required for Business majors only (either BUS 106 and BUS 107 or successful completion of Excel and PowerPoint examinations) required.

## ENGLISH - 18 hrs.

12 hours of 200 level ENG:

	ENG	3
	ENG	3
	ENG	3
	ENG	3

6 hours of 300 level ENG:

	ENG	3
	ENG	3

## ENVIRONMENTAL SCIENCE - 18 hrs.

	NS 103	3
	BIO 314	3
	BIO 330	3

9 or more credits of the following:

	BIO 102/102L	4
	NS 105	3
	PHIL 275	3
	BIO 315*	4
	BIO 435*	3
	CHEM 450*	3
	NS 119	3

\*Courses with prerequisites of BIO 101/102 or CHEM 101/102

# WALSH UNIVERSITY MINOR REQUIREMENTS

## ENVIRONMENTAL STUDIES -18 hrs

		NS 103	3
		PHIL 275	3

Choice of TWO of the following:

		MATH 130	3
		NS 111	3
		BIO 314	3

Choice of TWO of the following:

		ENG 315-2	3
		ENG 315-13	3
		HIST 318	3

## EXERCISE SCIENCE - 18 hrs.

9 credit required:

		BIO 209	3
		BIO 209L	1
		BIO 210	3
		BIO 210L	1
		EXS 498	1

Choose 3 (9 credits):

		EXS 362	3
		EXS 381	3
		EXS 385	3
		EXS 464	3
		EXS 474	3

## FILM STUDIES - 18 hrs.

		ENG 380	3
		COM 385	3
		MUS 211	3

Choose 3 (9 credits) from at least 2 different disciplines:

		COM 285	3
		COM 345	3
		COM 407	3
		ENG 385	3
		GFA 375	3
		PHIL 110	3

## FINANCE - 21 hrs.

		BUS 106	3
		BUS 207	3
		BUS 363	3
		BUS 350	3
		BUS 451	3
		BUS 452	3
		BUS 457	3

## FORENSIC STUDIES -18 hrs

		NS 114	3
		PSYCH 200	3
		SOC 305	3

Choose 3 (9 credits):

		BUS 345	3
		ENG 200-1	3
		ENG 318	3
		NURS 250	3
		NS 215	3
		PSYCH 350-1	3
		SOC 312	3

## GOVERNMENT AND FOREIGN AFFAIRS -18 hrs

		GFA 103	3
		GFA 301	3
		GFA 303	3

GFA Electives (9 credits):

		GFA	3
		GFA	3
		GFA	3

## HISTORY - 18 hrs.

		HIST 101	3
		HIST 102	3
		<b>OR</b>	
		HIST 103	3
		HIST 104	3

HIST electives in upper-level (above 200)courses for a total of 12 hrs:

		HIST	3
		HIST	3
		HIST	3
		HIST	3

## MANAGEMENT - 21 hrs.

		BUS 234	3
		BUS 318	3
		BUS 360	3
		BUS 361	3
		BUS 418	3
		ECON 203	3
		ECON 204	3

Non-Business majors only.  
Competency in computer applications (either BUS 106 and BUS 107 and PowerPoint examinations)required.

## MATHEMATICS - 17 hrs.

		MATH 210A	3
		MATH 211	3
		MATH 230	3
		MATH 313	3

6 hrs. in upper-level (above 200) MATH courses or 3 hrs. In upper-level (above 200) MATH courses AND 3 hrs. of Computer Science, 111 or higher not 230 (6):

			3
			3

## HEALTH HUMANITIES-18hrs

		ENG 200-3	3
		HIST 303	3
		PHIL 304	3
		PHIL 350	3

Choose 2 (6 credits):

		GFA 323	3
		*NURS 350	3
		NURS 356	3
		*PHIL 409	3
		SOC 307	3

\*Denotes course has prerequisite

## MUSEUM STUDIES-18hrs.

		MS 101	3
		MS 201	3
		MS 401	3

9 credits of Museum Studies electives (see Major requirements)

		MS	3
		MS	3
		MS	3

## MUSIC-18hrs.

List of requirments are available in the Student Service Center.

## OBJECTS CONSERVATION MINOR (SEE BELOW)

## PEACE STUDIES -18hrs.

List of requirments are available in the Student Service Center.

## PHILOSOPHY -18hrs.

100-level PHIL elective:

		PHIL	3
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200-level PHIL elective:

		PHIL	3
--	--	------	---

300-level PHIL elective:

		PHIL	3
--	--	------	---

400-level PHIL elective:

		PHIL	3
--	--	------	---

PHIL electives (6):

		PHIL	3
		PHIL	3

## PSYCHOLOGY - 18hrs

		PSYC 120	3
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Choose 1 (3 credits):

		PSYC 201	3
		PSYC 204	3
		PSYC 251	3
		PSYC 302	3
		PSYC 401	3

Choose 1 (3 credits):

		PSYC 210	3
		PSYC 240	3
		PSYC 309	3
		PSYC 426	3
		BSC 301	3

Electives (9 credits): May include BSC 301 or SOC 314 as electives. Minors may not take capstone classes (BSC 360, 430, 440 or PSYC 451, 460.)

			3
			3
			3

## SOCIOLOGY - 18hrs

		SOC 101	3
		SOC 205	3
		SOC 303	3

SOC electives (9):Electives may include BSC 301. Minors may not take BSC 360, 430 or 440.

		SOC	3
		SOC	3
		SOC	3

## SPANISH FOR HEALTHCARE - 18 hrs

Required courses depend on students entry level. SPAN 101-102 not included.

		SPAN 201-2	3
		SPAN 202-2	3
		SPAN 307-2	4

Choose 8-14 hrs from the following depending on placement:

		NURS 358	3
		NURS 420RN	3
		SPAN 311	3
		SPAN 321	3
		SPAN 358	3
		SPAN 409	3
		SPAN 480	(1-4)

## THEOLOGY-18hrs.

		THEO 215	3
		THEO 216	3

200-level THEO elective:

		THEO	3
--	--	------	---

300-level THEO elective:

		THEO	3
--	--	------	---

400-level THEO elective:

		THEO	3
--	--	------	---

THEO elective (3):

		THEO	3
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THEO 106 Pre-requisite (TIER I)

## Visual Comm Design- 18 hrs.

		COM 175	3
		COM 230	3
		COM 285	3
		GD/COM 295	3
		GD/COM 296	3
		GD 397	3

## OBJECTS CONSERVATION - 19 hrs.

		MS 101	3
		ARHI, HIST, NS, BIO*	3
		ART*	3
		CHEM 109 Lecture**	3
		CHEM 109 Lab	1

\*Any 100 or 200 level course with this prefix

\*\*Grade of B- or greater is required to continue with minor

		CHEM 221	4
		CHEM 416L	2

**WALSH UNIVERSITY MINOR REQUIREMENTS**

<b>ENVIRONMENTAL</b>	<b>GOVERNMENT AND</b>	<b>MUSEUM STUDIES-18hrs.</b>	<b>SOCIOLOGY - 18hrs</b>
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