

III. EDUCATION

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8-semester plans

Education with Teaching Certification in Grades PreK– 4 (B.S.)

<i>First Year ~ Fall</i>			<i>First Year ~ Spring</i>		
IDFY 101†	First Year Seminar*	3	IDCR 151	Created/Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
PHSC 102 F,S	Physical Sciences*	3	BIOL 106	Life Sciences	3
COMM 105†	Fundamentals of Oral Communication*	3	CIS/MATH/STAT	QuEST Mathematical Sciences	3
HIST 141/142	U.S. History*	3	ENGL160 † F,S	World Literature*	3
			EDUC 208 F,S	ELLs in K-12 Schools	3
TOTAL CREDITS		15	TOTAL CREDITS		18
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
<i>Sophomore ~ Fall</i>			<i>Sophomore ~ Spring</i>		
EDUC 209† F,S	Princ. & Struct of Mathematics	3	EDSP 207 c F,S	Intro to Special Education	3
BIBL 20x	Encountering the Bible*	3	EDUC 203 ^c	Educational Psychology	3
EDUC 205 F,S	Cultural & Political Geography	3	Varies	Minor/Disciplinary Focus	3
PHIL/RELI	QuEST Philosophy/Religion*	3	EDUC 226 S	Children's Literature	3
EDUC 346 F,S	Sociocultural Perspectives	3	HDFS 210 F,S	Child Development (fld ex)	3
WELL 1xx	Wellness course	1	TEP 210 ^c F,S	Sophomore Field Experience	0
			Varies	QuEST Language (3/3)	3
TOTAL CREDITS		16	TOTAL CREDITS		18
Submit Teacher Education Program app by 3/31 to B414.					
<i>Junior ~ Fall</i>			<i>Junior ~ Spring</i>		
EDUC 301 ^c F	Literacy Climate, Curriculum & Instruction I	3	EDUC 302 ^c S	Literacy Climate, Curriculum & Instruction II	3
EDUC 303 ^c F	Math Climate, Curriculum & Instruction Primary	3	EDUC 304 ^c S	Math Climate, Curriculum & Instruction Intrm	2
EDUC 330 ^c F	Instructional Design I	3	EDUC 342 ^c S	Social Studies: Climate Curriculum & Instruct	3
EDSP 307 ^c F	Inclusion Practices	3	EDUC 347 ^c S	Science: Climate Curriculum & Instruction	3
Varies	Disciplinary Focus course	3	TEP 314 ^c S	Field Experience III in 2-4	0
TEP 312 ^c F	Field Experience II PreK–2	0	THEO 2xx	QuEST Christian Beliefs*	3
			Varies	Minor/Disciplinary Focus	3
TOTAL CREDITS		15	TOTAL CREDITS		17
<i>Senior ~ Fall (or Spring)</i>			<i>Senior ~ Spring (or Fall)</i>		
<u>Professional Semester</u>			EDUC 414 ^c S	Developmental Programing: Early Childhood CC&I	3
EDUC 420 ^c F	Professional Issues in Education	2	EDUC 415 ^c S	Evidence Based ECE Practices	3
TEP 434 ^c F	Student Teaching: PreK–4	9	TEP 465 ^c S	Early Childhood Internship	0
TEP 407 ^c F	Student Teaching Seminar	1	Varies	Disciplinary Focus course	3
			Varies	Disciplinary Focus course	3
TOTAL CREDITS		12	Varies	QuEST Arts (ART/MUSI/THEA)*	3
			TOTAL CREDITS		15

TOTAL : 128 credits

^c Courses to be taken concurrently/3 clearances required

Chapter 354 Requirements

Math (6 credits): MATH QuEST, EDUC 209

English (6 credits): IDFY 101, ENGL 160

F=Fall, S=Spring

W Course Requirement Met by _____

† - indicates requirement for admission to the TEP

Study Abroad possibilities: fall or spring semester sophomore year (optional). More details on back of page.

*QuEST requirement

Required Disciplinary Focus for Education with Teaching Certification in PreK–4 All students who major in PreK–4 must complete a 12-credit *Disciplinary Focus* to provide depth in an academic discipline other than Education. The *Disciplinary Focus* requirement can be satisfied through either of the following two options:

Option I – Completion of a Disciplinary Focus is twelve credits within a single academic discipline. These credits may not overlap with QuEST or any other courses completed for the major. A “discipline” is defined as courses from a single academic department or courses from two closely related departments (e.g., Psychology and Sociology, Biology and Chemistry, History and Political Science). **Students must obtain advance approval from their advisors and the Department of Education chair for all courses selected to complete the *Disciplinary Focus* option.**

Option II – Completion of an approved college minor. At least twelve credits must be distinct (i.e., may not overlap with QuEST or any other courses completed for the major). The Socio-Cultural Perspectives on Education** Minor **may** be completed to satisfy the disciplinary focus requirement.

Disciplinary Focus Record

(select one option/column)

<i>Disciplinary Focus</i>	<i>Minor</i>
1.	1.
2.	2.
3.	3.
4.	4.
	5.
	6.

Study abroad options:

A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. Study abroad should occur during Fall or Spring of your sophomore year. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Foreign Language, QuEST Philosophy/Religion, QuEST U.S. History, QuEST Mathematical Sciences, BIOL 106, PHSC 102, EDUC 205, HDFS 210.

Special Education N-12th with Teaching Certification, Pre-K -12th (B.S.)
8-semester plan

Course #	Course Name	Credits	Course #	Course Name	Credits
First Year – Fall			First Year – Spring		
IDFY 101	First year seminar	3	IDCR 151	Created and Called for Community	3
Varies	1 st semester of language	3	Varies	2 nd semester of language	3
COMM 105	Fundamentals of Oral Communication	3	Varies F, S	QuEST Mathematical Science	3-4
HIST 141	U.S. History (or HIST 142)	3	EDUC 208 F, S	Teaching English Language Learners	3
Well 1xx F,S	Wellness course	1	PHSC 102	Physical Sciences	3
BIOL 106	Life Sciences	3	EDUC 209 F, S	Principles and Structures of Mathematics †	3
			Submit security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.		
Total		16	Total		18
Sophomore – Fall			Sophomore – Spring		
Varies	3 rd semester of language or cross-cultura*	3	BIBL 20x	Knowledge of the Bible	3
EDSP 207 F, S	Introduction to Special Education*	3	EDUC 346 F, S	Sociocultural Perspectives in Education	3
EDUC 203	Educational Psychology*	3	HDFS 311 F, S	Adolescent Development	3
TEP 210	Sophomore Field Experience*	0	EDSP 396 S	Infants, Toddlers, Families	3
HDFS 210	Child Development (fld exp)	3	Varies	Disciplinary Focus	3
Varies	ENGL 160 World Literature (F, S) or ENGL 365 Young Adult Literature (F, even years)	3	Varies	ENGL 160 World Literature (F, S) or EDUC 226 Children's Literature (S)	3
Varies	Disciplinary Focus	3			
			Submit Teacher Education Program app by 3/31 to B414.		
Total		18	Total		18
Junior – Fall			Junior – Spring		
EDUC 301* F	Literacy Climate, Curriculum & Instruction I	3	EDUC 302*S	Literacy Climate, Curriculum & Instruction II	3
EDUC 303* F	Math Climate, Curriculum & Instruction Primary	3	EDUC 304*S	Math Climate, Curriculum & Instruction Intm	3
EDUC 330/31*F	Instructional Design	3	EDSP 398	Low Incidence Instructional Strategies	3
EDSP 397* F	High Incidence Instructional Strategies	3	TEP 314*S	Field Experience III Grades 2-4	0
TEP 312* F	Field Experience II PreK-2	0	Varies	QuEST Art, Music, or Theatre	3
Varies	Disciplinary Focus	3	Varies	Disciplinary Focus	3
			Varies	Disciplinary Focus	3
Total		15	Total		18
Senior – Fall			Senior – Spring		
Professional Semester			THEO 2xx	Christian Beliefs	3
EDUC 420*F	Professional Issues in Education	2	Varies	QuEST Philosophy or Religion	3
TEP 432*F	Student Teaching: Special Education	9	TEP 420*S	Special Education Internship	0
TEP 407*F	Student Teaching Seminar	1	EDSP 399*S	Positive Behavior	3
			EDSP 409	Psychological Testing	3
			EDME 537	Secondary Special Education and Transition	3
Total		12	Total		15

*Courses to be taken concurrently/3 clearances required

† - indicates requirement for admission to the TEP

Chapter 354 Requirements

Math (6 credits): CIS/MATH/STAT Quest, MATH/EDUC 209

English (9 credits): IDFY 101, ENGL 160, choice of either Young Adult Literature or Children's Literature

NOTE, you must take ENGL 160 (also fulfills NW)

Study Abroad possibility: Fall semester sophomore year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST language, QuEST Philosophy/Religion, QuEST U.S. HIST 141/142, BIOL106, PHSC 102, QuEST Mathematical Sciences.

Special Education majors are strongly encouraged to pursue one of the following minors or endorsement programs:

Minor	Recommended if you are interested in:
TESOL (Minor-18 credits, Certificate-15 credits)	Adding certification to teach English language learners. This is a high need area in teaching whether you teach special education serving students who are ELs or you teach ELs who are at risk of being identified with a disability.
Speech and Language Pathology (20 credits)	Specializing in autism or serious communication disorders, if you want to teach in a communication intensive classroom or a multiple disabilities classroom, or if you are interested in pursuing a masters degree later in Speech and Language Pathology.
Disability and Family Wellness (18 credits)	Specializing in family support, community outreach, or disability-related community supports. Requires careful planning as only 2 courses can overlap between those already required for your major.
HDFS (18 credits)	Specializing in functional curriculum for learners with more severe or profound disabilities, such as life skills or multiple disabilities classrooms. Specializing in development and the family.
English (18 credits)	Language arts interventions at middle or high school settings. Please plan to take English Composition as one elective in that minor.
Math (20-21 credits)	Math interventions at high school. This minor does NOT teach you the mathematics you would support in middle or secondary special education, though it does prepare you to think mathematically, and pursue positions that expect math intervention expertise.

Education with Dual Teaching Certification in PreK-4 & Special Education (N-12) B.S.
8-semester plan

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar**	3	IDCR 151	Created and Called for Community*(W)	3
VARIES	QuEST Language (1/3)*	3	VARIES	QuEST Language (2/3)*	3
PHSC 102 F,S	Physical Sciences*	3	BIOL 106	Life Sciences	3
COMM 105†	Fundamentals of Oral Communication*	3	CIS/MATH/STAT†	QuEST Mathematical Sciences	3
HIST 141/142	U.S. History*	3	ENGL160 † F,S	World Literature*	3
WELL 101 F,S	Wellness	1	EDUC 209 F,S	Principles & Structures of Math	3
	TOTAL	16		TOTAL	18
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
HDFS 210	Child Development	3	HDFS 396 F,S	Infants, Toddlers, Families	3
BIBL 20x	Encountering the Bible	3	EDUC 226 S	Children's Literature	3
Varies	QuEST Language/Cross Cult (3/3)	3	EDUC 205 F,S	Cultural & Political Geo	3
EDSP 207°F,S	Introduction to Special Education	3	THEO 2xx	QuEST Christian Beliefs*	3
TEP 210° F,S	Sophomore Field Experience	0	HDFS 311	Adolescent Development	3
EDUC 346 F,S	Sociocultural Perspectives	3	EDUC 208	Teaching English Language Learners	3
EDUC 203°	Educational Psychology	3			
	TOTAL	18		TOTAL	18
Optional: Study Abroad Semester			Submit Teacher Education Program app by 3/31 to B414.		
Junior – Fall			Junior – Spring		
EDUC 301° F	Literacy Climate, Curriculum & Instruction I	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDUC 303° F	Math Climate, Curriculum & Instruction Primary	3	EDUC 304° S	Math Climate, Curriculum & Instruction Intm	2
EDUC 330° F	Instruct. Design I	3	EDUC 342° S	Social Studies: Climate Curriculum & Instruct	3
EDSP 397	High Incidence Instructional Strateg.	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
TEP 312° F	Field Experience II in PreK-2	0	EDSP 398	Low Incidence Instr. Strategies	3
Varies	QuEST Arts (ART/MUSI/THEA)*	3	TEP 314° S	Field Experience III in gr 2-4	0
	TOTAL	15		TOTAL	14
Submit Professional Semester application by 11/1 to B414.			TOTAL		
Senior – Fall			Senior – Spring		
	<u>Professional Semester</u>		EDSP 409°	Psychological Testing	3
EDUC 420° F	Professional Issues in Ed	2	EDUC 414° S	Developmental Programming: EC C&I	3
TEP 432° F	Student Teaching: Special Education	9	EDUC 415° S	Evidence Based ECE Practices	3
TEP 407° F	Student Teaching Seminar	1	TEP 420° S	Special Education Internship	0
			PHIL/RELI	QuEST Philosophy/Religion	3
			EDSP 399° F,S	Positive Behavior Support	3
			EDME 537	Transition and Secondary Special Ed	3
	TOTAL	12		TOTAL	18

TOTAL : 129 credits

*QuEST requirement

Chapter 354 Requirements

°Courses to be taken concurrently/3 clearances required

Math (6 credits): CIS/MATH/STAT, EDUC 209

† - indicates requirement for admission to the TEP

English (6 credits): IDFY 101, ENGL 160

Study Abroad possibility: fall semester soph yr

A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Language, QuEST Philosophy/Religion, QuEST U.S. History, BIOL 106, PHYS 102, QuEST Mathematical Sciences, HDFS 310, EDUC 205

Education with Teaching Certification in Grades 4–8 (B.S.) English Concentration
Messiah University
8-semester plan

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication*	3	CIS/MATH/STAT	QuEST Mathematical Sciences	3-4
MATH 1xx	MATH 101/102/108/109/111	3-4	ENGL 160† F,S	World Literature*	3
			WELL 1xx	Wellness*	1
	TOTAL	15-16		TOTAL	16-17
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
ENGL 333-366	Literature course	3	EDSP 207° F,S	Intro to Special Education	3
Varies	QuEST Language/Cross Cult (3/3)*	3	EDUC 203° F,S	Educational Psychology	3
EDUC 209 F,S	Principles & Structures of Math	3	TEP 210° F,S	Sophomore Field Experience	0
EDUC 208	Teaching English Language Learners	3	CHEM 102/102L	Chemistry for Living	3
HIST 141/142	U.S. History*	3	BIBL 20X	Encountering the Bible*	3
			ENGL 203 or 370	Writing/Critical Theory	3
			EDUC 205 F,S	Cultural & Political Geography	3
	TOTAL	15		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy: Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math: Climate, Curriculum & Instruction Intm	3
ENGL 201 F, S	Intro to English Studies I OR ENGL 202	3	EDUC 342° S	Social Studies: Climate Curriculum & Instruct	3
EDUC 305° F	Middle Level Methods	3	EDUC 226 S	Children's Literature	3
TEP 316° F	Field Experience II in gr. 6-8	0	TEP 318° S	Field Experience III in gr. 4-5	0
HDFS 311 F,S	Adolescent Development	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
ENGL 307	Teaching English in Secondary Schools	3			
	TOTAL	18		TOTAL	15
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	<u>Professional Semester</u>		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Gr 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	PHIL/RELI	QuEST Philosophy/Religion	3
			ENGL 333-366	Literature course	3
	TOTAL	12		TOTAL	15

*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

ENGL 203 F, 305/370F – 2 of the 3 courses required

† Indicates a requirement for admission to the TEP.

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Mathematical Sciences, QuEST Language*, BIOL 106, PHSC 102, ENGL XXX, EDUC 226 Children's Literature, QuEST Philosophy/Religion, QuEST U.S. History, QuEST Arts.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

Education with Teaching Certification in Grades 4–8 (B.S.) Math & English Concentration Messiah University 8-semester plan

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3) *	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication*	3	Varies	QuEST Mathematical Sciences	3
MATH 111†	Calculus I	4	ENGL 160† F,S	World Literature*	3
			WELL 1xx	Wellness*	1
	TOTAL	16		TOTAL	16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
			EDSP 207° F,S	Intro to Special Education	3
Varies	QuEST Language/Cross Cult (3/3)*	3	EDUC 203° F,S	Educational Psychology	3
EDUC 209 F,S	Principles & Structures of Math	3	TEP 210° F,S	Sophomore Field Experience	0
Varies	Math elective: CIS 181/MATH 112/ STAT 291/ PHYS 201/ 202/212	3-4	CHEM 102/102L	Chemistry for Living	3
HIST 141/142	U.S. History*	3	BIBL 20X	Encountering the Bible**	3
EDUC 208	Teaching English Language Learners	3	ENGL 333-366	Literature course	3
			EDUC 205 F,S	Cultural & Political Geography	3
	TOTAL	15-16		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruct II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruct Interm	3
EDUC 305° F	Middle Level Methods	3	EDUC 342° S	Social Studies: Climate Curriculum & In	3
TEP 316° F	Field Experience II in gr. 6-8	0	EDUC 226 S	Children's Literature	3
HDFS 311 F,S	Adolescent Development	3	TEP 318° S	Field Experience III in gr. 4-5	0
ENGL 307	Teaching English in Secondary Schools	3	EDUC 347° S	Science: Climate Curriculum & Instruct	3
			MATH 307°	Secondary Mathematics Instruction	2
	TOTAL	15		TOTAL	17
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	Professional Semester		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	PHIL/RELI	QuEST Philosophy/Religion*	3
			STAT 269	Introduction to Statistics	3
	TOTAL	12		TOTAL	15

*QuEST requirement

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Math electives include:

CIS 181 Computer Programming I

MATH 112 Calculus II (4)

STAT 291 Statistics for Math I (3)

PHYS 201 Introductory Physics I (4)

PHYS 202 Introductory Physics II (4)

F=Fall, S=Spring

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

PHYS 211 General Physics I (4)

PHYS 212 General Physics II (4)

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- COMM 105
- BIOL 106 Life Sciences
- PHSC 102 Physical Sciences*
- QuEST Mathematical Sciences *
- QuEST Philosophy/Religion*
- QuEST Language*
- QuEST Arts requirement

**Education with Teaching Certification in Grades 4–8 (B.S.) Math & Social Studies Concentration
Messiah University 8-semester plan**

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar* *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication**	3	CIS/MATH/STAT	QuEST Mathematical Sciences	3
MATH 111†	Calculus I	4	ENGL 122-176†	Literature Elective	3
			WELL xxx	Wellness*	1
	TOTAL	16		TOTAL	16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
Varies	QuEST Language/Cross Cult (3/3)*	3	EDSP 207° F,S	Intro to Special Education	3
EDUC 209 F,S	Principles & Structures of Math	3	EDUC 203° F,S	Educational Psychology	3
HIST 141/142	U.S. History*	3	TEP 210° F,S	Sophomore Field Experience	0
HIST varies	History elective HIST 271, 272 or 3xx	3	CHEM 102/102L	Chemistry for Living	3
EDUC 208	Teaching English Language Learners	3	BIBL 20x	Encountering the Bible**	3
			HIST 141	U.S. History*	3
			EDUC 205 F,S	Cultural & Political Geography	3
	TOTAL	15		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruction Intm	3
EDUC 305° F	Middle Level Methods	3	EDUC 342° S	Social Studies: Climate Curriculum & Instruct	3
TEP 316° F	Field Experience II in Grades 6-8	0	MATH 307°	Secondary Mathematics Instruction	2
HDFS 311 F,S	Adolescent Development	3	TEP 318° S	Field Experience III in Grades 4-5	0
Varies	HIST 202 and HIST 203, or ARCG 208, HIST 205, 206, 210, 212, 240, 248, 256, 273, 274	3-4	EDUC 347° S	Science: Climate Curriculum & Instruction	3
			STAT 269	Introduction to Statistics	3
	TOTAL	15-16		TOTAL	17
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	<u>Professional Semester</u>		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	MATH elective	See list below##	3-4
			EDUC 226 S	Children's Literature	3
	TOTAL	12		TOTAL	15

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required (w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Math electives include: CIS 181, MATH 112, STAT 291, PHYS 201, PHYS 202, PHYS 211, PHYS 212 General Physics II (4)

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- COMM 105 Oral Communication*
- BIOL 106 Life Sciences
- PHSC 102 Physical Sciences*
- QuEST Mathematical Sciences *
- QuEST Philosophy/Religion*
- QuEST Language*
- QuEST Arts

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS 171

English (6 credits): IDFY 101, ENGL 160 (W)

*QuEST requirement

**Education with Teaching Certification in Grades 4–8 (B.S.) Math Concentration
Messiah University 8-semester plan**

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar* *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	MATH 112#	Calculus II	4
COMM 105†	Fundamentals of Oral Communication**	3	Varies	QuEST Mathematical Sciences	3
MATH 111†	Calculus I	4	ENGL 160† F,S	World Literature*	3
			WELL xxx	Wellness*	1
	TOTAL	16		TOTAL	17
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
Varies	QuEST Language/Cross Cult (3/3)*	3	EDSP 207° F,S	Intro to Special Education	3
EDUC 209 F,S	Principles & Structures of Math	3	EDUC 203° F,S	Educational Psychology	3
PHSC 102 F,S	Physical Sciences*	3	TEP 210° F,S	Sophomore Field Experience	0
HIST 141/142	U.S History *	3	CHEM 102/102L	Chemistry for Living	3
EDUC 205 F,S	Cultural & Political Geography	3	BIBL 20X	Encountering the Bible*	3
			EDUC 208	Teaching English Language Learners	3
	TOTAL	15		TOTAL	15
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruction Intm	3
EDUC 305° F	Middle Level Methods	3	EDUC 342° S	Social Studies: Climate Curriculum & Instruct	3
TEP 316° F	Field Experience II in Grades 6-8	0	EDUC 226 S	Children's Literature	3
HDFS 311 F,S	Adolescent Development	3	TEP 318° S	Field Experience III in Grades 4-5	0
MATH/PHYS#	Math Elective 1 (see chart)	4	EDUC 347° S	Science: Climate Curriculum & Instruction	3
			MATH 307#	Secondary Mathematics Instruction	2
	TOTAL	16		TOTAL	17
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	Professional Semester		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	STAT 269/291#	Statistics	3
			PHYS XXX#	Math Elective 2 (see chart)	4
	TOTAL	12		TOTAL	16

*QuEST requirement

Math Concentration (21 Credits Minimum)

MATH 111	4
MATH 112	4
MATH 307	2
STAT 269/291	3
Elective #1	4
Elective #2	4

Elective #1: PHYS 201, PHYS 211, MATH 211

Elective #2: PHYS 201, PHYS 202, PHYS 211, PHYS 212

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- COMM 105, QuEST Mathematical Sciences, QuEST Language, BIOL 106, PHSC 102, EDUC 226, HIST 141, QuEST Arts

Education with Teaching Certification in Grades 4–8 (B.S.) Science and English Concentration Messiah University 8-semester plan

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar *	3	IDCR 151	Created and Called for Community* (W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication*	3	CIS/MATH/STAT	QuEST Mathematical Sciences	3
MATH 1xx†	MATH 101 or 102 or 108 or 111	3-4	ENGL 160† F,S	World Literature*	3
			WELL xxx	Wellness	1
	TOTAL	15-16		TOTAL	16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
Varies	QuEST Language/Cross Cult (3/3)*	3	EDSP 207° F,S	Intro to Special Education	3
EDUC 209 F,S	Principles & Structures of Math	3	EDUC 203° F,S	Educational Psychology	3
Varies	Science Concentration elective	3	TEP 210° F,S	Sophomore Field Experience	0
ENGL 333-366	Literature Elective	3	CHEM 102/102L	Chemistry for Living	3
Varies	Science Concentration Elective	3-4	BIBL 20x	Encountering the Bible*	3
			EDUC 208	Teaching English Language Learners	3
			EDUC 205 F,S	Cultural & Political Geography	3
	TOTAL	15-16		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruction Intm	3
Varies	Science Concentration Elective	3-4	EDUC 342° S	Social Studies: Climate Curriculum & Instruct	3
EDUC 305° F	Middle Level Methods	3	EDUC 226 S	Children’s Literature	3
TEP 316° F	Field Experience II in gr. 6-8	0	TEP 318° S	Field Experience III in gr. 4-5	0
HDFS 311 F,S	Adolescent Development	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
ENGL 307	Teaching English in Secondary Schools	3			
	TOTAL	18		TOTAL	15
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	<u>Professional Semester</u>		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	PHIL/RELI	QuEST Philosophy/Religion	3
			HIST 141/142	U.S. History*	3
	TOTAL	12		TOTAL	15

*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

***Science Concentration Electives: Need 9-11 credits of the following: BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4); BIOL 162 Plant Biology (3); BIOL 170 Cell and Animal Physiology (4); BIOL 172 Diversity of Life and Plant Science (4); BIOL 189 Genetics for the Health Profession (3); ENVS 140/SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3); ENVS 216 Environmental Issues and

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

Sustainable Solutions (3); ENVS 315 Environmental Ethics; CHEM 101 Introduction to College Chemistry (3); CHEM 103 Chemical Science (4); CHEM 105 General Chemistry I (4); GEOL 201 Foundations of Geology (4); PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired}; PHYS 211 General Physics I (4) {and PHYS 212 General Physics II (4) or PHYS 202 if second PHYS course desired}

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, BIOL 106 Life Sciences, PHSC 102 Physical Sciences*, QuEST Mathematical Sciences, QuEST Philosophy/Religion, QuEST Language, QuEST Arts

**Education with Teaching Certification in Grades 4–8 (B.S.) Science and Math Concentration
Messiah University 8-semester plan**

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication*	3	CIS/MATH/STAT	QuEST Mathematical Sciences	3
MATH 111†	Calculus I	4	ENGL 160† F,S	World Literature*	3
			WELL xxx	Wellness	1
	TOTAL	16		TOTAL	16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
Varies	QuEST Language/Cross Cult (3/3)*	3	EDSP 207° F,S	Intro to Special Education	3
EDUC 209 F,S	Principles & Structures of Math C1	3	EDUC 203° F,S	Educational Psychology	3
Varies	Science Concentration Elective	3-4	TEP 210° F,S	Sophomore Field Experience	0
Varies	Science Concentration Elective	3-4	CHEM 102/102L	Chemistry for Living	3
			BIBL 20x	Encountering the Bible*	3
			EDUC 208	Teaching English Language Learners	3
			EDUC 205	Cultural & Political Geography	3
	TOTAL	12-13		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instr Intermed	3
STAT 269/291	Statistics	3	EDUC 342° S	Social Studies: Climate Curriculum & Instr	3
EDUC 305° F	Middle Level Methods	3	MATH 307°	Secondary Mathematic Instruction	2
TEP 316° F	Field Experience II in Grades 6-8	0	TEP 318° S	Field Experience III in Grades 4-5	0
HDFS 311 F,S	Adolescent Development	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
Varies	Science Concentration Elective	3	EDUC 226 S	Children's Literature	2
	TOTAL	18		TOTAL	16
Professional Semester application due by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	Professional Semester		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	Varies	CIS 284 or MATH 112 or 261 or STAT 292	3-4
			HIST 141/142	U.S. History*	3
	TOTAL	12		TOTAL	15-16

*QuEST requirement

F=Fall, S=Spring; (w) Writing in the major course

° Courses to be taken concurrently/3 clearances required

† Indicates a requirement for admission to the TEP.

***Science Concentration Electives: 9-10 credits of the following:

BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4); BIOL 162 Plant Biology (3); BIOL 170 Cell and Animal Physiology (4); BIOL 172 Diversity of Life and Plant Science (4); ENVS 140/SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3); ENVS 216 Environmental Issues and Sustainable Solutions (3); ENVS 315 Environmental Ethics;

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- QuEST Mathematical Sciences, BIOL 106, PHSC 102, CHEM 102/105, QuEST Bible, QuEST U.S.HIST 141/142; COMM 105; QuEST Language
- QuEST Arts; EDUC 226

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

CHEM 101 Introduction to College Chemistry (3); CHEM 103 Chemical Science (4); CHEM 105 General Chemistry I (4); GEOL 201 Foundations of Geology (4); PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired} PHYS 211 General Physics I (4) {and PHYS 212 General Physics II (4) or PHYS 202 if second PHYS course desired

**Education with Teaching Certification in Grades 4–8 (B.S.) Science and Social Studies
Concentration
Messiah University 8-semester plan**

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication**	3	Varies	QuEST Mathematical Sciences	3-4
MATH 1xx†	MATH 101 or 102 or 108 or 111	3-4	ENGL 1xx †	ENGL 122-176 QuEST Literature	3
			WELL xxx	Wellness	1
		TOTAL			15-16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
EDUC 208	Teaching English Language Learners	3	EDSP 207° F,S	Intro to Special Education	3
Varies	QuEST Language/Cross Cult (3/3)*	3	EDUC 203° F,S	Educational Psychology	3
EDUC 209 F,S	Principles & Structures of Math	3	TEP 210° F,S	Sophomore Field Experience	0
HIST 141/142	U.S. History*	3	Varies	Science Concentration Elective	3-4
Varies	Science Concentration Elective	3-4	EDUC 205 F,S	Cultural & Political Geography	3
		TOTAL			12-13
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruct Intm	3
Varies	Science Concentration Elective	3	EDUC 342° S	Social Studies: Climate Curricul & Instruct	3
EDUC 305° F	Middle Level Methods	3	EDUC 226 S	Children’s Literature	3
TEP 316° F	Field Experience II in Grades 6-8	0	TEP 318° S	Field Experience III in Grades 4-5	0
HDFS 311 F,S	Adolescent Development	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
Varies	At least 3 credits from the following: HIST 202 and HIST 203, ARCG 208, HIST 205, 206, 210, 212, 240, 248, 256, 273, 274	3	BIBL 2xx	Encountering the Bible*	3
		TOTAL			18
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	<u>Professional Semester</u>		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	HIST 3XX	History (Non-Western)	3
			CHEM 102/102L	Chemistry for Living	3
			HIST 141/142	U.S. History	3
		TOTAL			18

*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required (w) Writing enriched course

† Indicates a requirement for admission to the TEP.

***Science Concentration Electives: 9-10 credits of the following: BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4); BIOL 162 Plant Biology (3); BIOL 170 Cell and Animal Physiology (4); BIOL 172 Diversity of Life and Plant Science (4); ENVS 140/SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3); ENVS 216 Environmental Issues and Sustainable Solutions (3); ENVS 315 Environmental Ethics;

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

CHEM 101 Introduction to College Chemistry (3); CHEM 103 Chemical Science (4); CHEM 105 General Chemistry I (4); GEOL 201 Foundations of Geology (4); PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired} PHYS 211 General Physics I (4) {and PHYS 212 General Physics II (4) or PHYS 202 if second PHYS course desired

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Mathematical Sciences, QuEST Language, BIOL 106, PHSC 102, EDUC 226, QuEST U.S. HIST 141, QuEST Arts

Education with Teaching Certification in Grades 4–8 (B.S.) Science Concentration Messiah University 8-semester plan

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar*	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3)*	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences	3	PHSC 102 F,S	Foundations of Physical Science*	3
COMM 105†	Fundamentals of Oral Communication*	3	Varies	QuEST Mathematical Sciences	3
MATH 1xx†	MATH 101/ 102/108//111	3-4	ENGL 160† F,S	World Literature*	3
			WELL 1xx	Wellness*	1
	TOTAL	15-16		TOTAL	16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
Varies	QuEST Language/Cross Cult (3/3)*	3	EDSP 207° F,S	Intro to Special Education	3
EDUC 209 F,S	Principles & Structures of Math	3	EDUC 203° F,S	Educational Psychology	3
BIBL 20X	Encountering the Bible*	3	TEP 210° F,S	Sophomore Field Experience	0
Varies	Science Concentration Elective	4	CHEM 102/102L	Chemistry for Living	3
Varies	Science Concentration Elective	3-4	EDUC 205 F,S	Cultural & Political Geography	3
			EDUC 208	Teaching English Language Learners	3
			Varies	Science Concentration Elective	3-4
	TOTAL	16-18		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruction Intm	3
Varies	Science Concentration Elective	3	EDUC 342° S	Social Studies: Climate Curriculum & Instruct	3
EDUC 305° F	Middle Level Methods	3	EDUC 226 S	Children's Literature	3
TEP 316° F	Field Experience II in gr. 6-8	0	TEP 318° S	Field Experience III in gr. 4-5	0
HDFS 311 F,S	Adolescent Development	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
Varies	Science Concentration Elective	3			
	TOTAL	18		TOTAL	15
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	Professional Semester		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	HIST 141/142	U.S. History*	3
			Varies	Science Concentration Elective	3-4
	TOTAL	12		TOTAL	15-16

*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

***Science Concentration Electives: Need 18 credits of the following: BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4); BIOL 162 Plant Biology (3); BIOL 170 Cell and Animal Physiology (4); BIOL 172 Diversity of Life and Plant Science (4); BIOL 189 Genetics for the Health Profession (3); ENVS 140/SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3); ENVS 216 Environmental Issues and Sustainable Solutions (3); ENVS 315 Environmental Ethics; CHEM 101 Introduction

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

COMM 105, CIS 171, QuEST Language, BIOL 106, PHSC 102, EDUC 226, QuEST U.S. HIST 141, QuEST Arts

to College Chemistry (3); CHEM 103 Chemical Science (4); CHEM 105 General Chemistry I (4); GEOL 201 Foundations of Geology (4); PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired}; PHYS 211 General Physics I (4) {and PHYS 212 General Physics II (4) or PHYS 202 if second PHYS course desired}

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

**Education with Teaching Certification in Grades 4–8 (B.S.) Social Studies Concentration
Messiah University 8-semester plan**

Course #	Course name	Credits	Course #	Course name	Credits
First Year – Fall			First Year - Spring		
IDFY 101†	First Year Seminar* *	3	IDCR 151	Created and Called for Community*(W)	3
Varies	QuEST Language (1/3) *	3	Varies	QuEST Language (2/3)*	3
BIOL 106 F,S	Life Sciences *	3	PHSC 102 F,S	Physical Sciences*	3
COMM 105†	Fundamentals of Oral Communication*	3	CIS/MATH/STAT	QuEST Mathematical Sciences	3
MATH 1xx†	MATH 101 or 102 or 108 or 111	3-4	ENGL 122-176†	Literature Elective	3
			WELL 1xx	Wellness*	1
	TOTAL	15-16		TOTAL	16
Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.					
Sophomore –Fall			Sophomore – Spring		
Varies	QuEST Language/Cross Cult (3/3)*	3	EDSP 207° F,S	Intro to Special Education	3
EDUC 209 F,S	Principles & Structures of Math	3	EDUC 203° F,S	Educational Psychology	3
HIST 142	U.S. History*	3	TEP 210° F,S	Sophomore Field Experience	0
EDUC 208	Teaching English Language Learners	3	CHEM 102/102L	Chemistry for Living	3
BIBL 20x	Encountering the Bible*	3	HIST 141	U.S. History*	3
			HIST 3XX	History (Non-western)*	3
			EDUC 205 F,S	Cultural & Political Geography	3
	TOTAL	18		TOTAL	18
Submit Teacher Education Program app by 3/31 to B414.					
Junior – Fall			Junior – Spring		
EDUC 331° F	Inst. Design & Assess Mid & Sec.	3	EDUC 302° S	Literacy Climate, Curriculum & Instruction II	3
EDSP 307° F	Inclusion Practices	3	EDUC 304° S	Math Climate, Curriculum & Instruction Intm	3
Varies	At least 3 credits from the following: HIST 202 and HIST 203, ARCG 208, HIST 205, 206, 210, 212, 240, 248, 256, 273, 274	3	EDUC 342° S	Social Studies: Climate Curriculum & Instruction	3
EDUC 305° F	Middle Level Methods	3	EDUC 226 S	Children's Literature	3
TEP 316° F	Field Experience II in Grades 6-8	0	TEP 318° S	Field Experience III in Grades 4-5	0
HDFS 311 F,S	Adolescent Development	3	EDUC 347° S	Science: Climate Curriculum & Instruction	3
			POLI 113	American Government	3
	TOTAL	15		TOTAL	18
Submit Professional Semester application by 11/1 to B414.					
Senior – Fall			Senior – Spring		
	<u>Professional Semester</u>		EDUC 346	Socio-Cult. Perspective on Educ	3
EDUC 420° F,S	Professional Issues in Education	2	THEO 2xx	QuEST Christian Beliefs*	3
TEP 433° F,S	Student Teaching: Grades 4-8	9	Varies	QuEST Arts (ART/MUSI/THEA)*	3
TEP 407° F,S	Student Teaching Seminar	1	HIST 271/272	World History	3
			ECON 110	Economics	3
	TOTAL	12		TOTAL	15

*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required (w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

Study Abroad possibilities: fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Mathematical Sciences, QuEST Language, BIOL 106, PHSC 102, EDUC 226, QuEST U.S. HIST 141, QuEST Arts