

MASTER OF ARTS IN TEACHING FIVE-YEAR PROGRAM

This five-year program leads to both a baccalaureate degree and a Master of Arts in Teaching (MAT) degree. At the end of four years of study a student earns a bachelor's degree. Based on the endorsement area chosen, the student enrolls in courses to teach at the elementary or secondary level. In the fall and spring semesters of the fifth year, the student is involved in a 14 week full-time teaching internship in the public schools, and receives supervision from knowledgeable teaching professionals. Upon completion of the program, a student earns a Master of Arts in Teaching degree and is recommended for a license to teach in the Commonwealth of Virginia. This master's degree program is designed for those students who seek to become successful first-year teachers.

MAT five-year students select an endorsement area from one of the following:

<u>Endorsement</u>	<u>Grades</u>
Art (Visual Arts)	PK - 12
Biology	6 - 12
Chemistry	6 - 12
Elementary	PK - 6
English	6 - 12
English as a Second Language	PK - 12
History and Social Science	6 - 12
Mathematics	6 - 12
Music-Choral or Instrumental	PK - 12
Physics	6 - 12
Spanish	PK - 12

Admission Requirements

Criteria for student admission into a five-year program:

1. Undergraduate cumulative GPA of 3.0 or higher., with at least 65 earned credit hours.
2. VDOE examination requirements.
Submit one of the following options:
 - the Praxis Core with individual minimum scores of: reading =156, writing =162, and math =150; or
 - the Praxis Core mathematics score of 150 and the Virginia Communication and Literacy Assessment (VCLA) reading and writing combined score minimum of 470; or
 - the SAT taken on or after March 1, 2016 a score of 1170 with at least 580 on the Evidence-based Reading & Writing section and at least 560 on the Math section.
 - the SAT taken prior to March 1, 2016 a score of 1100 with at least 530 on the Verbal section and 530 on the Math section.
 - the ACT exam scores (Composite score of 24 with a mathematics minimum score of 22 and the English plus reading score of no less than 46.)
3. A successful background check by Newport News Public Schools.
4. Two completed recommendation forms. One must be from a faculty member in the major who has taught the student in a major course.
5. Two essays, demonstrating competence in written communication and dispositions for teaching. The responses must be submitted electronically. The suggested length for each essay is 250 words. The essays are a critical component of the application. An inadequate essay may result in denial of admission, request for an interview, or required completion of the grammar remediation module.
6. Completion of all prerequisites, or a written plan for completion of all prerequisites, with no more than two courses outstanding prior to beginning graduate study at CNU.
7. Resume showing experience in working with children and/or in schools.
8. MAT-Choral and Instrumental Music five-year applicants must be accepted for continuance in the Bachelor of Music in music education program.

Students apply for admission to a five-year program by February 1 of the junior year. Transfer students may also apply at this time, but a decision will not be made until applicants have demonstrated at least 12 hours of earned credit at CNU with a GPA of 3.0 or higher.

Bachelor's to Master's Five-Year Undergraduate Program Requirements

- To continue in the five-year program, a student must maintain a 3.0 GPA, and remain in good standing by earning a grade of *B-* or better in any graduate course taken while in the undergraduate status.
- Upon completion of the normal requirements in the undergraduate program, a baccalaureated degree will be awarded to the student.

Graduate Course Hours

Graduate credit hours taken as a five-year MAT undergraduate are subject to the following requirements:

- A maximum of nine hours of credit will be allowed while classified as an undergraduate.
- All courses must be approved by the student's advisor.
- The student will be held to the same standards in these classes as any other graduate student.
- To continue to take graduate courses as an undergraduate, a student must complete each graduate course with a grade of *B-* or better.
- Six graduate credit hours will count toward the 120 hours required for an undergraduate degree and will not directly count toward the MAT degree.
- Should the five-year student take nine graduate credit hours during the senior year, one three-credit graduate course will be transferred to the graduate transcript once the baccalaureate degree is earned. Only the course and credits are posted to the graduate transcript. No grade is posted for the transferred course.
- The number of credit hours on the graduate transcript must total at least 30 overall.**

Course of Study

- The five-year student who takes six graduate credit hours while in undergraduate status will enroll in eight graduate credits during the summer terms, 13 graduate credits fall semester, and nine graduate credits spring semester (see Example A below).
- The five-year student who takes nine graduate credit hours (by permission) while in undergraduate status will have three graduate credit hours moved to the graduate transcript. The student will enroll in graduate credits during fall and spring semesters of the senior year (see Example B below).
- A student accepted into the five-year program is required to follow the course of study as shown below in order to complete the curriculum within five years.

EXAMPLES OF A BACHELOR'S TO MASTER'S FIVE-YEAR PROGRAM COURSE OF STUDY

Example A: Five-year student takes 6 graduate credit hours while in undergraduate status

Undergraduate Status

Graduate Courses taken in senior year	6	credits
Undergraduate Courses	<u>114</u>	<u>credits</u>
Total	120	credits

Graduate Status

Summer	8	credits
Fall	13	credits
Spring	<u>9</u>	<u>credits</u>
Total for MAT	30	credits

Example B: Five-year student takes 9 graduate credit hours while in undergraduate status

Undergraduate Status

Graduate credits taken in senior year with permission	9	credits
Undergraduate Courses	<u>114</u>	<u>credits</u>
Total	123	credits

(3 credits to be moved to Graduate Transcript)

Graduate Status

Credits moved from Undergraduate Transcript	3	credits
Summer	8	credits
Fall	10	credits
Spring	<u>9</u>	<u>credits</u>
Total for MAT	30	credits

Further information about this program maybe found at MAT website:

<http://cnu.edu/academics/departments/teacherprep/>

Goals of the Program

Students who complete the Teacher Preparation Program at Christopher Newport University will demonstrate competence in these areas:

1. Planning and preparing for instruction based on knowledge of content, resources and students;
2. Creating a safe, orderly and nurturing environment that creates high expectations for all while recognizing and respecting diversity;
3. Delivering and assessing instruction to meet state-mandated and district objectives, adjusting methods as needed to engage and teach every child;
4. Professional responsibilities of dress, collegial behaviors, engagement with families, administrative duties, and self-directed growth.

Requirements for beginning the Teaching Internship (TCHG 510 or 511/512)

- Successful completion of all courses required for the teaching license;
- GPA of 3.00 or higher
- Praxis II passed
- VCLA passed and score report submitted
- 120 hour field log submitted
- TB test results submitted
- Evidence of three conferences/workshops submitted (at least two hours each, at different venues)
- Proof of AED/First Aid/CPR submitted
- Child Abuse and Neglect Module certificate submitted
- Civics Module certificate submitted (elementary only)
- Verified membership in a professional organization
- Dyslexia Module certificate

Satisfactory Completion of Practica/Internships

Candidates for the MAT degree or the Initial Licensure Program must satisfactorily complete all assigned field experiences. If a teacher and/or school principal requests that the candidate be removed from the school setting due to unprofessional behaviors or lack of instructional skills, then the student may be removed from the placement and dismissed from the program. Alternately, for good cause shown, the Director of Field Experiences may attempt to find another placement at a different school (and possibly a different district). If there is a second occurrence where the candidate's removal is requested, then no further placements will be made and the student will be dismissed from the program.

Program Completion Requirements

The student completing the Teacher Preparation Program with recommendation for state licensure must accomplish all of the following:

- Successful completion of all required program coursework and field work;
- 3.0 GPA in graduate coursework with no more than two grades of C on the graduate transcript;
- Passing scores on the appropriate PRAXIS II exam and other state-mandated examinations;
- An acceptable impact study evaluated by a university supervisor;
- Evidence of meeting program goals (above) through evaluations submitted during the teaching internship.

NOTE: Program completion will result in a recommendation for Virginia state licensure for teaching. The license is conferred by the Virginia Department of Education, and the commission of a felony, or a misdemeanor involving children and/or drugs, may result in the denial of issuance of the license. Questions concerning this should be directed to the Director of Teacher Preparation, Dr. Jean Filetti at filetti@cnu.edu or (757) 594-7388.

Graduate Assistantships

38 Graduate assistantships are available. See *Graduate Catalog* page 33.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
ART (VISUAL ARTS) PK - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS

SENIOR YEAR

(Select two of the three; the third course will be taken in fall of the professional year or by permission of the Graduate Program Director during the senior year.)

	Credits
*FNAR 534 Theory and Practice of Art Education F	3
FNAR 538 Apprenticeship in Teaching Art	3
*PSYC 544 Assessment of Learning	3

PROFESSIONAL YEAR - SUMMER

*TCHG 516-517 Curriculum and Instruction I, II	3
FNAR 535 Integrating the Visual Arts	3
*TCHG 543 Classroom Management and Discipline	2

PROFESSIONAL YEAR - FALL

*ENGL 522 Content Area Literacy	3
*PSYC 535 Exceptional Learner F	3
SOCL 501 or TCHG 550 Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
*TCHG 518L Secondary and PK-12 Field Practicum F	1
3 Credit Course Selected from Senior Year courses if not taken	(3)

120 HOURS Field Experience

PROFESSIONAL YEAR - SPRING

TCHG 580 Technology for Teachers	1
TCHG 510 OR 511 and 512 Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS	36
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Undergraduate Content and Support Course Requirements

ENGL 123, 223 First-year and Second-year Writing Seminars	6
MATH 125 Elementary Statistics	3
COMM 201 or THEA 232 Public Speaking or Acting I	3
PSYC 207 or PSYC 208 Life-span Development or Child Development	3
PSYC 312 Educational Psychology	3
SOCL 314 Education, Culture and Society	3
SOCL 314L Education, Culture and Society Lab F	1
CPSC 110 Introduction to Computing	3
FNAR 201-202 World Art in Context I, II	6
FNAR 117 3-D Design	3
FNAR 118 2-D Design	3
FNAR 121 Drawing I	3
FNAR 128 Introduction to Digital Media	3
FNAR 224 Painting I	3
FNAR 252 Printmaking I	3
FNAR 241 or FNAR 251 Ceramics I or Sculpture I	3
FNAR 322 Advanced Figure Drawing	3
9 CREDITS Upper-level Art History Electives	9

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
BIOLOGY 6 - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS**SENIOR YEAR****FROM THE FOLLOWING ELECTIVES:**

Select six credits from the following:

	Credits
ENVS Electives:	6
ENVS 518 Biological Conservation: Theory & Practice (4)	
ENVS 522 Summer Field Studies (2)	
ENVS 530 Biogeography (3)	
ENVS 532/532L Wetlands Ecology and Lab (4)	
ENVS 536/536L Terrestrial Ecology and Lab (4)	
ENVS 540/540L Environmental Microbiology and Lab (4)	
ENVS 550 Global Change (3)	
ENVS 590 Topical Seminars in Environmental Science (1 - 4)	
ENVS 595 Advanced Topics in Environmental Science (1-4)	

PROFESSIONAL YEAR - SUMMER

*TCHG 516, 517 Curriculum and Instruction I, II	3
*TCHG 543 Classroom Management & Discipline	2
*NSCI 570 Teaching STEM	3

PROFESSIONAL YEAR - FALL

*ENGL 522 Content Area Literacy	3
*PSYC 535 Exceptional Learner F	3
SOCL 501 or TCHG 550 Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
*TCHG 518L Secondary and PK-12 Field Practicum F	1
*PSYC 544 Assessment of Learning	3

120 HOURS Field Experience

PROFESSIONAL - SPRING

TCHG 580 Technology for Teacher	1
TCHG 510 OR 511 and 512 Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS	36
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Undergraduate Content and Support Course Requirements

ENGL 123, 223 First-year and Second-year Writing Seminars	6
COMM 201 or THEA 232 Public Speaking or Acting I	3
PSYC 207 or PSYC 208 Life-span Development or Child Development	3
PSYC 312 Educational Psychology	3
SOCL 314 Education, Culture and Society	3
SOCL 314L Education, Culture and Society Lab F	1
CPSC 110 Introduction to Computing	3

(continued on the next page)

Major Courses Required:		Credits
BIOL 211/211L	Principles of Biology I & Lab	4
BIOL 212/212L	Principles of Biology II & Lab	4
BIOL 213/213L	Principles of Biology III & Lab	4
BIOL 313	Genetics	3
BIOL 391	Junior Seminar	3
BIOL 491	Senior Seminar	1
BIOL 407/407L	General Ecology & Lab	4
BIOL ____	Fifteen additional credits above the 100-level (12 of these credits must be at 300-/400-level and have laboratory components) Recommended for all secondary biology teachers: BIOL 215 Biological Evolution BIOL 314/314L Human Anatomy & Physiology & Lab OR BIOL 420/420L Animal Physiology & Lab	15
 Support Courses required:		
MATH 125 & 130	Mathematics Electives or higher	6
CHEM 121/121L	General Chemistry I & Lab	4
CHEM 122/122L	General Chemistry II & Lab	4
CHEM 321/ 321L	Organic Chemistry I, II & Lab	4
CHEM 322/ 322L	Organic Chemistry II & Lab	4
PHYS 151/151L	Intermediate Physics & Lab	4
PHYS 152/152L	Intermediate Physics & Lab	4

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
CHEMISTRY 6 - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS**SENIOR YEAR -**

	Credits
CHEM Electives:	6
Six credits of graduate CHEM electives (except CHEM 545) must include ONE course from the following unless taken at the undergraduate level: CHEM 543 Atmospheric Chemistry; CHEM 540 Soils and Water Chemistry; or CHEM 565 Environmental Chemistry.	

PROFESSIONAL YEAR - SUMMER

*TCHG 516, 517	Curriculum and Instruction I, II	3
*TCHG 543	Classroom Management and Discipline	2
*NSCI 570	Teaching STEM	3

PROFESSIONAL YEAR - FALL

*ENGL 522	Content Area Literacy	3
*PSYC 535	Exceptional Learner F	3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
*TCHG 518L	Secondary and PK-12 Field Practicum F	1
*PSYC 544	Assessment of Learning	3
<i>120 HOURS</i>	<i>Field Experience</i>	

PROFESSIONAL YEAR - SPRING

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS	36
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Undergraduate Content and Support Course Requirements

ENGL 123, 223	First-year and Second-year Writing Seminars	6
COMM 201 or THEA 232	Public Speaking or Acting I	3
PSYC 207 or PSYC 208	Life-span Development or Child Development	3
PSYC 312	Educational Psychology	3
SOCL 314	Education, Culture and Society	3
SOCL 314L	Education, Culture and Society Lab F	1
CPSC 110	Introduction to Computing	3
MATH 125	Elementary Statistics	3
MATH 140 or 148	Calculus & Analytic Geometry	4
MATH 240	Intermediate Calculus	4
CHEM 121/121L-122/122L	General Chemistry I & II & Laboratory	8
PHYS 201/201L -PHYS 202/202L	General Physics	8
Major Courses in Chemistry:		
CHEM 321/321L-322/322L	Organic Chemistry I, II & Laboratory	8
CHEM 341-342/342L	Physical Chemistry I, II & Laboratory	7
CHEM 361/361L	Analytical Chemistry & Laboratory	4
CHEM 391	WI: Investigating Chemical Literature	3
CHEM 401/401L	Inorganic Chemistry & Laboratory	4
CHEM 445/445L	Instrumental Analysis & Laboratory	4
CHEM 492	WI: POGIA-Comprehensive Capstone Course	3
6 Credits	300/400 Chemistry Electives	6

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
ELEMENTARY PK- 6**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS

SENIOR YEAR

Select two of the three; the third course will be taken in fall of the professional year or by permission of the Graduate Program Director during the senior year. **Credits**

MLAN 511	Advanced Strategies in TESOL (3) F	3
*MATH 570	The Teaching of Elementary Mathematics F	3
*PSYC 535	The Exceptional Learner F	3

PROFESSIONAL YEAR - SUMMER

*PSYC 544	Assessment of Learning	3
*TCHG 516, 517	Curriculum and Instruction I, II F	3
*TCHG 543	Classroom Management and Discipline	2

PROFESSIONAL YEAR - FALL

*ENGL 521	Developing Elementary Writers and Readers F	3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
*PSYC 521	Reading Acquisition and Development	3
*PSYC 521L	Reading Acquisition and Development Lab F	1

120 HOURS

Field Experience

PROFESSIONAL YEAR - SPRING

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS	36
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Undergraduate Content and Support Course Requirements

ENGL 123, 223	First-Year & Second-Year Writing Seminars	6
COMM 201 or THEA 232	Public Speaking or Acting I	3
PSYC 208	Child Development	3
PSYC 312	Educational Psychology	3
SOCL 314	Education, Culture and Society	3
SOCL 314L	Education, Culture and Society Lab F	1
CPSC 110	Introduction to Computing	3
MATH 125	Elementary Statistics	3
GEOG 210 or GEOG 201	Introduction to Human Geography Introduction to Geography	3
POLS 101	Power and Politics in America	3
HIST 111	The Ancient & Medieval World	3
HIST 121	Early America to the Civil War	3
HIST 122	Modern America: Reconstruction to Global Power	3
CHEM 103 (or higher)	Introductory Chemistry I	3
PHYS 141 (or higher)	How Things Work	3
BIOL 107 or 108	General Biology I or II	3
BIOL 109L CHEM Lab or PHYS 105L	General Biology Laboratory Elementary Physics Laboratory	1

(continued on next page)

ECON 200 or ECON 201 or ECON 202	Economic Way of Thinking Principles of Macroeconomics Principles of Microeconomics	3
ENGL 316	Children's Literature	3
ENGL 310 or ENGL 331	Introduction to Linguistics or The Structure of English	3
MATH 109	Theoretical Foundations of Elem. School Mathematics	3
NSCI 310	The Study of Science	3

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
ENGLISH 6 - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS

SENIOR YEAR

Credits

Select two of the three; the third course will be taken in fall of the professional year or by permission of the Graduate Program Director during the senior year.

*PSYC 544	Assessment of Learning	3
*ENGL 526	Teaching Writing in Secondary English Classes	3
MLAN 511	Advanced Strategies in TESOL F	3

PROFESSIONAL YEAR - SUMMER

*TCHG 516, 517	Curriculum and Instruction I, II	3
*TCHG 543	Classroom Management and Discipline	2
*ENGL 501	Teaching Literature	3

PROFESSIONAL YEAR - FALL

*ENGL 522	Content Area Literacy	3
*PSYC 535	Exceptional Learner F	3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
*TCHG 518L	Secondary and PK-12 Field Practicum F	1
3 Credit Course	Selected from Senior Year courses if not taken	(3)

120 HOURS

Field Experience

PROFESSIONAL YEAR - SPRING

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS

36

Undergraduate Content and Support Course Requirements

ENGL 123, 223	First-Year & Second-Year Writing Seminars	6
ENGL 200, 201, 202	Literary Foundations I, II, III	9
COMM 201 or THEA 232	Public Speaking or Acting I	3
PSYC 207 or PSYC 208	Life-span Development or Child Development	3
PSYC 312	Educational Psychology	3
SOCL 314	Education, Culture and Society	3
SOCL 314L	Education, Culture and Society Lab F	1
CPSC 110	Introduction to Computing	3
MATH 125	Elementary Statistics	3
ENGL 308	WI: Literature, Theory, and Culture WI	3
ENGL 309	WI: Creative Nonfiction	3
ENGL 315	Adolescent Literature	3

Credits

Choose one of the following:

3

ENGL 412	Multicultural American Literature	
ENGL 345	African American Literature and Culture	

(continued on the next page)

Choose one of the following:		3
ENGL 428	The Literary Booms (if topic is World Literature)	
ENGL 429	East-West Literary Relations	
ENGL 304	WI: Creativity, out of Conflict (if topic is World Literature)	
Choose one of the following:		3
ENGL 341`	The Invasion of America	
ENGL 342	Financial Fictions and the Rise of Realism	
ENGL 343	Postmodern America	
Choose one of the following:		3
ENGL 256	Introduction to Film Studies	
ENGL 356	Film, Theory and Culture	
ENGL 380	Film and Literature	
ENGL 381	The Roaring Twenties	
ENGL 385	American Film	
Other required content courses:		
ENGL 421	Shakespeare	3
ENGL 331	The Structure of English	3
ENGL 490	WI: Senior Seminar	3

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
ENGLISH AS A SECOND LANGUAGE (ESL) PK - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS**SENIOR YEAR****Credits**

(Select two of the three; the third course will be taken in fall of the professional year)

*PSYC 535	Exceptional Learner	3
*PSYC 544	Assessment of Learning	3
*MLAN 570	Teaching Modern Languages	3

PROFESSIONAL YEAR - SUMMER

MLAN 511	Advanced Strategies in TESOL F	3
*TCHG 516-517	Curriculum and Instruction I, II (mid/sec)	3
*TCHG 543	Classroom Management and Discipline	2

PROFESSIONAL YEAR - FALL

*PSYC 521	Reading Acquisition and Development	3
*PSYC 521L	Reading Acquisition and Development Lab F	1
*ENGL 522	Content Area Literacy	3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
3 Credit Course	Selected from Senior Year courses if not taken	(3)

*120 HOURS**Field Experience***PROFESSIONAL YEAR - SPRING**

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS

36**Undergraduate Content and Support Course Requirements**

ENGL 123, 223	First-Year & Second-Year Writing Seminars	6
COMM 201 or THEA 232	Public Speaking or Acting I	3
PSYC 207 or PSYC 208	Life-span Development or Child Development	3
PSYC 312	Educational Psychology	3
SOCL 314	Education, Culture and Society	3
SOCL 314L	Education, Culture and Society Lab F	1
CPSC 110	Introduction to Computing	3
MATH 125	Elementary Statistics	3
ENGL 310	Introduction to Linguistics	3
ENGL 331	The Structure of English	3
SOCL 330 or MLAN 308	Language and Culture or Cross-cultural Understanding	3
MLAN 311	Teaching English to Speakers of Other Languages (TESOL)	3
Foreign Language through 202	(Spanish recommended)	

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
HISTORY AND SOCIAL SCIENCE 6 - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS

SENIOR YEAR

Select two of the three; the third course will be taken in fall of the professional year or by permission of the Graduate Program Director during the senior year. **Credits**

HIST ____	510/530 History	3
HIST ____	510/530 History	3
*PSYC 535	Exceptional Learner F	3

PROFESSIONAL YEAR - SUMMER

*TCHG 516, 517	Curriculum and Instruction I, II	3
*TCHG 543	Classroom Management & Discipline	2
*GEOG 570	World Geography for Teachers	3

PROFESSIONAL YEAR - FALL

*ENGL 522	Content Area Literacy	3
*HIST 570	Methods for Teaching and Assessing Social Studies	3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures F	3
*TCHG 518L	Secondary and PK-12 Field Practicum F	1
3 Credit Course	Selected from Senior Year courses if not taken	(3)

120 HOURS *Field Experience*

PROFESSIONAL YEAR - SPRING

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS 36

Undergraduate Content and Support Course Requirements

Student must earn a B.A./B.S. in History or Government or B.A. in American Studies

ENGL 123, 223	First-Year & Second-Year Writing Seminars	6
COMM 201 or THEA 232	Public Speaking or Acting I	3
PSYC 207 or PSYC 208	Life-span Development or Child Development	3
PSYC 312	Educational Psychology	3
SOCL 314/SOCL 314L	Education, Culture and Society & Lab F	4
CPSC 110	Introduction to Computing	3
MATH 125	Elementary Statistics	3
HIST 111-112G	The Ancient and Medieval World-The Modern World	6
HIST 121-122	Early America to the Civil War-Modern America	6
HIST 390	WI: Historical Methods and Historiography	3
HIST ____	Two 300/400-level History courses	6
ECON 201 or ECON 202	Macroeconomics or Microeconomics (201 preferred)	3
GEOG 201-202 or GEOG 210-211	Intro to Geography I and II Intro to Human Geography & Geography of Human/Environment Interaction	6
POLS 100 or GOVT 101	Political Thought & Society or Power and Politics in America	3
POLS 202	State and Local Government	3
POLS 215	International and Comparative Politics	3
POLS ____, ____	Two 300/400-level Government courses	6

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**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
MATHEMATICS 6 - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS

SENIOR YEAR

Credits

Select two of the three; the third course will be taken in fall of the professional year or by permission of the Graduate Program Director during the senior year.

*MATH 555	Pedagogy, Assessment, and Research for the Secondary Math Teacher	3
*MATH 538	Apprenticeship in Teaching Mathematics	3
*PSYC 544	Assessment of Learning	3

PROFESSIONAL YEAR - SUMMER

*TCHG 516, 517	Curriculum and Instruction I, II	3
*TCHG 543	Classroom Management and Discipline	2
*NSCI 570	Teaching STEM	3

PROFESSIONAL YEAR - FALL

*ENGL 522	Content Area Literacy	3
*PSYC 535	Exceptional Learner	3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures	3
*TCHG 518L	Secondary and PK-12 Field Practicum F	1
3 Credit Course	Selected from Senior Year courses if not taken	(3)

120 HOURS

Field Experience

PROFESSIONAL YEAR - SPRING

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS

36

Undergraduate Content and Support Course Requirements

ENGL 123, 223	First-Year & Second-Year Writing Seminars	6
COMM 201 or THEA 232	Public Speaking or Acting I	3
PSYC 207 or PSYC 208	Life-span Development or Child Development	3
PSYC 312	Educational Psychology	3
SOCL 314	Education, Culture and Society	3
SOCL 314L	Education, Culture and Society Lab F	1
CPSC 110	Introduction to Computing	3
MATH 125	Elementary Statistics (May be replaced by MATH 435)	3
MATH 140	Calculus and Analytic Geometry	4
MATH 240	Intermediate Calculus	4
MATH 245	Proofs and Discrete Math	3
MATH 250	Multivariable Calculus	3
MATH 260	Linear Algebra	3
MATH 360	Real Analysis I	3
MATH 370	Modern Algebra I	3
MATH 378	Geometry : Elementary Geometry from an Adv Viewpoint	3
MATH 451 or MATH 499	Independent Learning Experiences or Independent Research	1-3
MATH 128 or CPSC 125 or higher		3
MATH _ _ _ _ _	Six* 300/400-level Mathematics (excluding 499) (*may include up to nine credits of BIOL, PHYS, CPSC or other upper level sciences)	18
MATH _	One 400-level Mathematics course (excluding 499)	3

F denotes that a class has a required field experience component in public schools.

Music Theory and History

MUSC 200	Music Technology	1
MUSC 209-210	Elementary Ear Training	2
MUSC 309-310	Advanced Ear Training	2
MUSC 211-212	The Tonal System-Tonal Harmony & Voice-Leading	6
MUSC 306	Global Transformation	3
MUSC 311-312	Chromatic Harmony-Extended Tonal Techniques & Atonality	6
MUSC 303-304-305W	History of Western Music	9
MUSC 401W or MUSC 490W	WI:Seminar in Music Bibliography Music Historical Research	3
MUSC 415	Orchestration	1

Music Techniques

MUSC 220	Brass Instrument Techniques F	1
MUSC 230	Woodwind Instrument Techniques F	1
MUSC 240	Percussion Techniques F	1
MUSC 250	String Instrument Techniques F	1
MUSC 260	Voice Techniques F	1
MUSC 265-266	Foreign Language Diction I & II	2

Conducting and Literature

MUSC 314	Principles of Choral Conducting	3
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Music Education

MUSC 137	Introduction to Music Education	1
MUSC 337W	Music in Elementary Schools	3

Completion of exit examination in music theory and music history with a score of 70% or higher.

F denotes that a class has a required field experience component in public schools.

**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE
MUSIC - INSTRUMENTAL PK - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS**SENIOR YEAR**

*MUSC 510	Foundations of Music Education	3
MUSC 517	Secondary Instrumental Methods	3

PROFESSIONAL YEAR - SUMMER

*PSYC 535	Exceptional Learner	3
*TCHG 516, 517	Curriculum and Instruction I, II	3
*TCHG 543	Classroom Management and Discipline	2

PROFESSIONAL YEAR - FALL

MUSC 530 or 540	Wind or Orchestral Literature & Conducting	3
MUSC 545	Contemporary Skills and Issues	3
MUSC 580	Jazz Ensemble Techniques	1
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures	3
APP COND 533	Applied Wind/Orchestral Conducting	2
*TCHG 518L	Secondary and PK-12 Field Practicum F	1

120 HOURS *Field Experience*

PROFESSIONAL YEAR - SPRING

TCHG 580	Technology for Teachers	1
TCHG 510 OR 511 and 512	Teaching Internship F	8

TOTAL GRADUATE COURSE HOURS	36
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Undergraduate Content and Support Course Requirements

Accepted for continuance in the Bachelor of Music in music education program is required.

ENGL 123, 223	First-Year & Second-Year Writing Seminars	6
MATH 125	Elementary Statistics	3
THEA 232	Acting I	3
PSYC 207 or PSYC 208	Life-span Development or Child Development	3
PSYC 312	Educational Psychology	3
CPSC 110	Introduction to Computing	3
SOCL 314	Education, Culture and Society	3

Applied Music and Ensembles

APP MUSC 131-132, 231-232, 331-332 and 431-432 (Senior Recital)	8
MUSC 101, 102, 111, 112 or 114	8
MUSC 125	1
Chamber Ensemble (MUSC 124 for percussion)	2
8 semesters in MUSC 012 and MUSC 014	0
Four semesters of APP PIAN 130; MUSC 115-116, 215-221	4

(continued on next page)

Music Theory and History

MUSC 200	Music Technology	1
MUSC 209-210	Elementary Ear Training	2
MUSC 309-310	Advanced Ear Training	2
MUSC 211-212	The Tonal System-Tonal Harmony & Voice-Leading	6
MUSC 311-312	Chromatic Harmony-Extended Tonal Techniques & Atonality	6
MUSC 303-304-305W	History of Western Music	9
MUSC 401W	WI: Seminar in Music Bibliography	3
MUSC 415	Orchestration	1

Music Techniques

MUSC 220	Brass Instrument Techniques F	1
MUSC 230	Woodwind Instrument Techniques F	1
MUSC 240	Percussion Techniques F	1
MUSC 250	String Instrument Techniques F	1
MUSC 260	Voice Techniques	1

Conducting and Literature

MUSC 316	Principles of Instrumental Conducting	3
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Music Education

MUSC 137	Introduction to Music Education	1
MUSC 337W	Music in Elementary Schools	3

Completion of exit examination in music theory and music history with a score of 70% or higher.

Chamber Music 4

F denotes that a class has a required field experience component in public schools.

Support Courses in Applied Physics:

MATH 240	Intermediate Calculus	4
MATH 250	Multivariable Calculus	3
MATH 320	Ordinary Differential Equations	3

Major Courses in Applied Physics:

ENGR 211/211L	Intro. to Electric Circuits & Electronics, & Lab	4
CPEN 214	Digital Logic Design	3
PHYS 301	Intermediate Classical Mechanics	3
PHYS 303	General Physics	3
PHYS 304	Electrostatics	3
PHYS 341	Design and Analysis of Experiments	3
PHYS 351	Modern Physics	3
PHYS 401 or 404	Models of Dynamical Systems or Electromagnetism	3
PHYS 402	Quantum Physics	3
PHYS 406	Thermodynamics	3

Select two from the following:

ENGR 212/212L	Electronics and Laboratory	4
PHYS 344	Intro to Astrophysics	3
PHYS 352	Device Physics	3
PHYS 421	System Design Lab (Data Acquisition)	3
PHYS 431	Optical Physics	3
PHYS 441	Modeling and Simulation	3
MATH 350	Vector Calculus	3
MATH 355	Complex Variables	3
PCSE 498	WI: Capstone Project	3

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**COURSE PLAN FOR MAT FIVE-YEAR PROGRAM
WITH LICENSURE SPANISH PK - 12**

*Denotes courses that are required for licensure and must be completed prior to the internship.

GRADUATE COURSE REQUIREMENTS**SENIOR YEAR**

(Select two of the three; the third course will be taken in fall of the professional year or by permission of the Graduate Program Director during the senior year.)

MLAN 511	Advanced Strategies in TESOL	F	3
*MLAN 570	Teaching Modern Languages		3
*PSYC 544	Assessment of Learning		3

PROFESSIONAL YEAR - SUMMER

*PSYC 535	Exceptional Learner		3
*TCHG 516, 517	Curriculum and Instruction I, II		3
*TCHG 543	Classroom Management and Discipline		2

PROFESSIONAL YEAR - FALL

*SPAN 538	Apprenticeship in Teaching Spanish	F	3
*ENGL 522	Content Area Literacy		3
SOCL 501 or TCHG 550	Multiculturalism, Diversity and Education or Teaching Across Cultures		3
*TCHG 518L	Secondary and PK-12 Field Practicum	F	1
3 Credit Course	Selected from Senior Year courses if not taken		(3)

*120 HOURS**Field Experience***PROFESSIONAL YEAR - SPRING**

TCHG 580	Technology for Teachers		1
TCHG 510 OR 511 and 512	Teaching Internship	F	8

TOTAL GRADUATE COURSE HOURS

36**Undergraduate Content and Support Course Requirements**

ENGL 123, 223	First-Year & Second-Year Writing Seminars		6
COMM 201 or THEA 232	Public Speaking or Acting I		3
PSYC 207 or PSYC 208	Life-span Development or Child Development		3
PSYC 312	Educational Psychology		3
SOCL 314	Education, Culture and Society		3
SOCL 314L	Education, Culture and Society Lab	F	1
CPSC 110	Introduction to Computing		3
MATH 125	Elementary Statistics		3

Modern Language Core:**Choose one of the following:**

MLAN 203	International Folktales in English Translation		3
MLAN 205	The Novel in English Translation		3
MLAN 206	The Drama in English Translation		3
MLAN 207	International Cinema		3

Required:

MLAN 308	Cross-Cultural Awareness		3
MLAN 310	Texts in Context		3
MLAN 490	Capstone Course in Modern Languages		3

(continued on the next page)

Major and Elective Studies**Choose two of the following:**

SPAN 301	Grammar and Composition	3
SPAN 303	Spanish in the Digital Age	3

Choose one of the following:

SPAN 302	Advanced Spanish Conversation	3
SPAN 308	Conversation via Cinema	3

Choose two of the following:

SPAN 351	Introduction to Latin-American Literature I	3
SPAN 352	Introduction to Latin-American Literature II	3
SPAN 353	Introduction to Spanish Literature I	3
SPAN 354	Introduction to Spanish Literature II	3

Choose one of the following:

SPAN 471	Hispanic Visual Culture and the Arts	3
SPAN 472	Hispanic Popular Culture	3
SPAN 473	Hispanic Literature and Social Issues	3

Select:

6 CREDITS Select two Spanish courses at the 300 level or higher
that have not been used to satisfy one the above categories

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