

## Biology Department Teaching Concentration (TC)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

### College Core Requirements

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

### Independent Learning Experience

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

### Additional Requirements:

Major Department Recommendation

2.50 GPA required for Biology course work

### Department Core Required:

BIO 101Q \_\_\_\_\_ BIO 102Q \_\_\_\_\_

BIO 201W \_\_\_\_\_ BIO 250 OR 415W \_\_\_\_\_

### Distribution Courses: One course from each group

Molecular/Cellular: Bio 224, Bio 225, Bio 328, Bio 345,  
Bio 346, Bio 425W, Bio 426W, Bio 429W, Bio 431W,  
Bio 433W, Bio 435W, Bio 449W, Bio 459W or BCMB 351  
BIO/BCMB \_\_\_\_\_ BIO/BCMB \_\_\_\_\_

Animal Biology: Bio 305, Bio 306, Bio 324, Bio 325, Bio 349,  
Bio 365, Bio 442W or 444W  
BIO \_\_\_\_\_ BIO \_\_\_\_\_

Plant Biology: Bio 334 or Bio 335  
BIO \_\_\_\_\_ BIO \_\_\_\_\_

Population/Ecology: Bio 250, Bio 310, Bio 320, Bio 330,  
Bio 336, Bio 355, Bio 415W or Bio 424W

BIO \_\_\_\_\_ BIO \_\_\_\_\_

Capstone Courses: Bio 415W, Bio 424W, Bio 425W, Bio 426W,  
Bio 429W, Bio 431W, Bio 433W, Bio 435W, Bio 442W, Bio  
444W, Bio 449W, Bio 459W, Bio 492W, or BCMB 452W

BIO/BCMB \_\_\_\_\_

### Ancillary Courses:

CHEM 105 \_\_\_\_\_ CHEM 105L \_\_\_\_\_

### And choice of

CHEM 106 \_\_\_\_\_ CHEM 106L \_\_\_\_\_

OR

CHEM 206 \_\_\_\_\_ CHEM 206L \_\_\_\_\_

Geology 102Q \_\_\_\_\_ OR Geol 105 \_\_\_\_\_

Physics 100Q \_\_\_\_\_ OR Physics 111Q \_\_\_\_\_

### Math/Computer Science - Two of the Following:

Math 111 or 112, Stat 141Q, Stat 242, Stat 243W, & CS 173  
Math \_\_\_\_\_ Math \_\_\_\_\_

Work as a laboratory assistant or participate in training.

### Teaching Concentration:

#### PA teacher certification for grades 7-12 must take:

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_ 360 \_\_\_\_\_

EDUC 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

Overall GPA of 3.00 required for Teacher Certification  
3.00 GPA required for Education courses

## Chemistry Department Teaching Concentration (TC)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

### College Core Requirements

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

### Independent Learning Experience

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

### Additional Requirements:

Major Department Recommendation

2.50 GPA required for Chemistry coursework

### Department Core Required:

#### Required Courses:

CHEM 105 \_\_\_\_\_ CHEM 105L \_\_\_\_\_

CHEM 206 \_\_\_\_\_ CHEM 206LQ \_\_\_\_\_

CHEM 106 \_\_\_\_\_ CHEM 106L \_\_\_\_\_

CHEM 205 \_\_\_\_\_ CHEM 205L \_\_\_\_\_

CHEM 309 \_\_\_\_\_ CHEM 309L \_\_\_\_\_

**OR**

BCBM 307 \_\_\_\_\_ CHEM 309L \_\_\_\_\_

CHEM 322 \_\_\_\_\_ CHEM 322L \_\_\_\_\_

ENV 100 \_\_\_\_\_ **OR** CHEM 101 \_\_\_\_\_

\* These are the required chemistry courses required by the Commonwealth for certification in Chemistry. Additional courses are required for a degree in chemistry. For degree requirements please consult the latest College catalogue. **Students taking CHEM-151 (Advanced General Chemistry) can substitute for both CHEM-105 and CHEM-206 (the usual two-semester sequence of general chemistry).**

#### Required Activities:

Work as a laboratory assistant and participate in training for that job. Participate actively in the Beardwood Chemical Society.

NOTE: Prospective student teachers in chemistry must have a 2.50 GPA in chemistry and receive a departmental evaluation which considers, in addition to academic performance, the student's interpersonal and communication skills. Also, a member of the Chemistry Department must observe prospective student teachers during their student teaching experience.

The candidate for certification in chemistry is advised that, in order to teach comprehensive general science at the junior high or middle school level, additional certification in general science may be required. Additional certification in general science is only available to certified biology, chemistry or physics teachers.

### Teaching Concentration:

#### **PA teacher certification for grades 7-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Overall GPA of 3.00 required for Teacher Certification  
3.00 GPA required for Education courses**

## English Department Teaching Concentration (TC)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

**College Core Requirements**

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**3.0 GPA required for English coursework**

**Department Core Required:**

Students majoring in English must complete ten courses, at least eight of which must be English courses. Required English courses include: ENGL-290W and one other course between 220 and 260; at least four 300-level colloquia, including one focusing on literature before 1800 and one focusing on literature after 1800 (ENGL-301 may count as a colloquium); and a 400-level seminar or honors. Elective courses may include any of the following: additional English courses; MCS-207 and MCS-208; FS-101, FS-250, FS-251, FS-252, FS-253, and FS-305; CLAS-224, CLAS-230, and CLAS-326; EAS- 224; and LAS 215. Only two electives outside of the department may count towards the major. Only one ENGL 100-level course may count towards the major. English majors can fulfill both the capstone requirement and the requirement for an oral presentation in the major by taking any of the following courses: ENG-441W, 442W, 443W, 444W, or 492W.

ENG 290W \_\_\_\_\_ ENG \_\_\_\_\_ (between 220 and 260)

**Four 300-level Colloquia:**

ENG \_\_\_\_\_ \_\_\_\_\_ ENG \_\_\_\_\_ \_\_\_\_\_

ENG \_\_\_\_\_ \_\_\_\_\_ ENG \_\_\_\_\_ \_\_\_\_\_

ENG 400 level: \_\_\_\_\_ \_\_\_\_\_ (Oral presentation in Senior Seminar or honors project)

Students seeking teaching certification in English must fulfill all departmental requirements for an English major. Their courses should include literary genres, themes, histories, and major writers. In addition, students working toward certification must select the following courses: ENGL-214; and either MCS-205, or any FS course. Students are strongly recommended to take either ENGL-220 or a 300-level colloquium on Shakespeare and either IDS-101 or CLAS 326. It is also strongly recommended that the candidate participate in student journalism or theater activities.

ENG 214 \_\_\_\_\_ (This course counts as an elective for the English major.)

**One of the following:**

MCS 205 \_\_\_\_\_ or any course in Film Studies FS \_\_\_\_\_

ENG \_\_\_\_\_ \_\_\_\_\_ ENG \_\_\_\_\_ \_\_\_\_\_

**Post-baccalaureate candidates for teacher certification: must take at least one 300 level English course at Ursinus College.**

**Teaching Concentration:**

**PA teacher certification for grades 7-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_ 360 \_\_\_\_\_

EDUC 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**

## Health and Exercise Physiology Department Teaching Concentration (TC)

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

HEP 100 \_\_\_\_\_

HEP 202 \_\_\_\_\_

(2) \_\_\_\_\_

BIO/HEP 205 \_\_\_\_\_

BIO/ HEP 206 \_\_\_\_\_

**College Core Requirements**

HEP 334 \_\_\_\_\_

HEP 351 \_\_\_\_\_

1. Common Intellectual Experience

HEP 352 \_\_\_\_\_

STAT 141Q \_\_\_\_\_

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

**Capstone:**

2. Foreign Language (two courses)

HEP 465W \_\_\_\_\_ and EDUC 405 \_\_\_\_\_

\_\_\_\_\_

or

3. Math

HEP 491W \_\_\_\_\_

\_\_\_\_\_

**Teaching Concentration:**

4. Science

HEP 220 \_\_\_\_\_ HEP 232W \_\_\_\_\_

\_\_\_\_\_

HEP 333 \_\_\_\_\_ HEP 355 \_\_\_\_\_

5. Social Science

HEP 356 \_\_\_\_\_ HEP 464 \_\_\_\_\_

\_\_\_\_\_

HEP 446 \_\_\_\_\_

6. Q course

HEP 235 \_\_\_\_\_ or Approved swimming class w/CPR \_\_\_\_\_

\_\_\_\_\_

DANC 200 \_\_\_\_\_ or an approved Dance elective \_\_\_\_\_

7. Humanities

HEP 224 \_\_\_\_\_ or HEP 209 \_\_\_\_\_ (Tai Chi, Self-Defense or Martial Arts)

\_\_\_\_\_

HEP 223 \_\_\_\_\_

8. Art

HEP 245 \_\_\_\_\_

\_\_\_\_\_

**PA teacher certification for grades K-12 must take:**

9. Diversity

'D' Course \_\_\_\_\_

ED 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 360 \_\_\_\_\_ ED 375 \_\_\_\_\_

'G' Course \_\_\_\_\_

HEP 355 \_\_\_\_\_ HEP 356 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

**Independent Learning Experience**

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

\_\_\_\_\_

Praxis II \_\_\_\_\_ FS:CK \_\_\_\_\_

\_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**2.80 GPA required for HEP course work**

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**

**Modern Language Department - FRENCH  
Teaching Concentration (TC)**

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

**Must complete a minimum of twenty-four (24) credit hours at the 200, 300 and 400 levels and maintain a GPA of 3.00 in French courses.**

(2) \_\_\_\_\_

**College Core Requirements**

FRE \_\_\_\_\_ FRE \_\_\_\_\_

FRE \_\_\_\_\_

FRE 251 \_\_\_\_\_ FRE 252 \_\_\_\_\_

FRE 317 \_\_\_\_\_ FRE 328 \_\_\_\_\_

**Plus two (2) additional courses at the 300 or 400 level.**

FRE \_\_\_\_\_ FRE \_\_\_\_\_

FRE \_\_\_\_\_

In addition to the course requirements, students are required to pass a qualifying examination before they will be admitted to candidacy for certification and a competency examination before being certified. These tests will examine students' linguistic competence, orally and in writing, testing phonetics, conversation, grammar and composition. The exit exam will also check their knowledge of French literature and culture, including the arts, history and geography.

Students and their advisers should consult the Ursinus College Education Department. Language majors and students preparing for certification are required to supplement their work at Ursinus by spending a summer, a semester or an entire year in a foreign country with a program approved by the department. Exceptions to this policy may be made by petition to the department chair.

The student is advised to take appropriate courses in Anthropology, History, Politics, Economics and Intercultural Communication.

**Teaching Concentration:**

**PA teacher certification for grades K-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_ FS:CK \_\_\_\_\_

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation  
3.00 GPA required for French course work**

**Overall GPA of 3.00 required for Teacher Certification  
3.00 GPA required for Education courses**

# General Science Department Teaching Concentration (TC)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

**College Core Requirements**

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**2.50 GPA required for the major courses**

**Department Core Required:**

Candidates must obtain certification in biology, chemistry, or physics in order to be eligible for certification in general science.

Required courses and activities for certification in general science.\*

BIO 101Q \_\_\_\_\_ BIO 102Q \_\_\_\_\_

CHEM 105 \_\_\_\_\_ CHEM 105L \_\_\_\_\_

CHEM106 \_\_\_\_\_ CHEM 106L \_\_\_\_\_

PHYS111Q \_\_\_\_\_ PHYS 112 \_\_\_\_\_

Earth & Space Sciences

PHYS 101Q \_\_\_\_\_

GEOL 102Q \_\_\_\_\_ OR GEOL 105 \_\_\_\_\_

**Any two (2) of the following courses:**

MATH 111\*\* \_\_\_\_\_ MATH 112 \_\_\_\_\_

STAT 141Q \_\_\_\_\_ STAT 242 \_\_\_\_\_

CS173 \_\_\_\_\_

Activities

Work as a laboratory assistant or help session staff.

\*The candidate for certification is advised that, in order to teach comprehensive general science at the junior high/middle school, additional certification in general science may be required.

NOTE: To be approved for student teaching, a candidate must have 1) attained an average of 2.50 in required physics and mathematics courses and 2) demonstrated the interpersonal and communication skills necessary to convey ideas and concepts to others.

In addition to these requirements, the candidate for certification must complete the professional education sequence, the necessary PAPA and Praxis II exams, and maintain the overall GPA required by the State in order to be recommended for certification. The Education Department requires a GPA of 3.00 in Education courses in order to student teach. See the Education Department for additional information regarding the overall GPA requirement for eligibility by the State.

**Teaching Concentration:**

**PA teacher certification for grades 7-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Overall GPA of 3.00 required for Teacher Certification**  
**3.00 GPA required for Education courses**

**Modern Languages Department - GERMAN  
Teaching Concentration (TC)**

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

**Must complete a minimum of twenty-four (24) credit hours at the 200 level and above and maintain a GPA of 3.00 in German courses.**

(2) \_\_\_\_\_

**College Core Requirements**

GER \_\_\_\_\_ GER \_\_\_\_\_

GER \_\_\_\_\_ GER \_\_\_\_\_

GER 251 \_\_\_\_\_ GER 252 \_\_\_\_\_

GER 328 \_\_\_\_\_

**Plus one (1) from the following:**

GER 313 \_\_\_\_\_ or GER 314 \_\_\_\_\_ or

GER 315 \_\_\_\_\_ or GER 319 \_\_\_\_\_ or

GER 320 \_\_\_\_\_

**Plus two (2) additional courses at the 300 or 400 level.**

GER \_\_\_\_\_ GER \_\_\_\_\_

GER \_\_\_\_\_ GER \_\_\_\_\_

GER \_\_\_\_\_ GER \_\_\_\_\_

The student is advised to take appropriate courses in Anthropology, History, Politics, Economics and Intercultural Communication.

Activities

Pass a qualifying exam for admission to candidacy for certification, and pass a competency exam before being recommended for certification.

Spend a summer, a semester, or an entire year in a foreign country with a program approved by the Modern Languages Department.

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_

'G' Course \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_

\_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

**Adviser:** \_\_\_\_\_

**Teaching Concentration:**

**PA teacher certification for grades K-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_ FS:CK \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**3.00 GPA required for German courses**

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**

**Modern Languages Department - JAPANESE  
Teaching Concentration (TC)**

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

JPN 211 \_\_\_\_\_ JPN 212 \_\_\_\_\_

(2) \_\_\_\_\_

JPN 311 \_\_\_\_\_ JPN 312 \_\_\_\_\_

JPN 328 \_\_\_\_\_

**College Core Requirements**

**East Asian Studies - One of the following:**

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

Summer Study in Japan\* \_\_\_\_\_ **or**

2. Foreign Language (two courses)

Semester in Japan\* \_\_\_\_\_

\_\_\_\_\_

**Two of the following:**

3. Math

EAS 299 \_\_\_\_\_ EAS 314 \_\_\_\_\_

\_\_\_\_\_

4. Science

EAS 224 \_\_\_\_\_

\_\_\_\_\_

HIS 243 \_\_\_\_\_ (offered Fall semester in even years)

5. Social Science

The student is advised to take appropriate courses in Anthropology, History, Politics, Economics and Intercultural Communication.

\_\_\_\_\_

**Activities**

6. Q course

Pass an assessment for admission to candidacy for certification and before being recommended for certification.

\_\_\_\_\_

7. Humanities

\*A six-week or longer summer program in Japan, or a semester or year-long program. Programs must be approved by the Modern Languages Department.

\_\_\_\_\_

8. Art

A GPA of 3.00 in Japanese courses is required of all prospective Japanese teachers. For the certified teacher, work in foreign language pedagogy and demonstration of teaching competency in Japanese are required. For the candidate without prior teacher certification, the candidate must complete the professional education sequence.

\_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_

'G' Course \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_

\_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Teaching Concentration:**

**PA teacher certification for grades K-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_ FS:CK \_\_\_\_\_

ACTFL Oral \_\_\_\_\_ Written \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation  
3.00 GPA required for Japanese courses**

**Overall GPA of 3.00 required for Teacher Certification  
3.00 GPA required for Education courses**



**Modern Languages Department - LATIN  
Teaching Concentration (TC)**

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

Five (5) courses are required, one of which must be 300 level or above.

**College Core Requirements**

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

LATIN \_\_\_\_\_ \_\_\_\_\_

HIST 261 \_\_\_\_\_

ENG 214 \_\_\_\_\_

**Classics**

**One of the following:**

CLAS/ENG 321 \_\_\_\_\_

Topics in Classical Studies (equivalent to English 230)

CLAS-326/ENG 226 \_\_\_\_\_

Mythology

ART 150 \_\_\_\_\_

ANTH 100 \_\_\_\_\_

NOTE: In order to be recommended for student teaching of Latin, the student must earn a "B" (3.00) average for courses in the certification program.

**Independent Learning Experience**

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Teaching Concentration:**

**PA teacher certification for grades K-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_ FS:CK \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**3.00 GPA required for Latin courses**

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**

## Mathematics Department Teaching Concentration (TC)

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

MATH 112 \_\_\_\_\_ MATH 211 \_\_\_\_\_

(2) \_\_\_\_\_

MATH 235 \_\_\_\_\_ MATH 236W \_\_\_\_\_

**College Core Requirements**

MATH 311W \_\_\_\_\_ MATH 322 \_\_\_\_\_

1. Common Intellectual Experience

MATH 335 \_\_\_\_\_ MATH 341 \_\_\_\_\_

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

MATH 350 \_\_\_\_\_ Oral Presentation (must be some aspect of the History of Mathematics)\*

2. Foreign Language (two courses)

MATH 442 \_\_\_\_\_

\_\_\_\_\_

3. Math

Any 300 or 400 level course \_\_\_\_\_

\_\_\_\_\_

CS 173 \_\_\_\_\_

4. Science

Recommended courses:

\_\_\_\_\_

STAT 241 \_\_\_\_\_ STAT 242 \_\_\_\_\_

5. Social Science

MATH 310 \_\_\_\_\_ MATH 421 \_\_\_\_\_

\_\_\_\_\_

MATH 434 \_\_\_\_\_

6. Q course

Note: If a student can take Stat 241-242, they should be taken before Math 341-442.

\_\_\_\_\_

Experiences

7. Humanities

A demonstration of a sample teaching lesson prior to student teaching.

\_\_\_\_\_

8. Art

Observation during the student teaching experience by a member of the Mathematics Department.

\_\_\_\_\_

9. Diversity

NOTE: Prospective student teachers in mathematics must have a 2.50 average in their courses taken in the Mathematics and Computer Science Department at the Ursinus College day school at the time the Department considers them for student teaching. Non-traditional and transfer students will be considered on an individual basis.

'D' Course \_\_\_\_\_

'G' Course \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_

\_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Teaching Concentration:**

**PA teacher certification for grades 7-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**

**2.50 GPA required for Mathematics/Computer Science courses**

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**

## Physics Department Teaching Concentration (TC)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

### College Core Requirements

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

### Independent Learning Experience

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

### Additional Requirements:

**Major Department Recommendation**

**2.50 GPA required for Physics and Mathematics courses**

### Department Core Required:

Required courses and activities for certification in physics.\*

PHYS 121Q \_\_\_\_\_ PHYS 122Q \_\_\_\_\_

PHYS 201 \_\_\_\_\_ PHYS 207 \_\_\_\_\_

PHYS 299 \_\_\_\_\_

PHYS 408W \_\_\_\_\_ **or** PHYS 450 \_\_\_\_\_

**any three of** 304 (Thermal Physics), 309 (Electronics for Scientists), 401 (Applications of Quantum Mechanics), 409 (Electrodynamics),

PHYS \_\_\_\_\_ PHYS \_\_\_\_\_

PHYS \_\_\_\_\_

**and** at least four credits of additional work at the 300 level or above.

PHYS \_\_\_\_\_ PHYS \_\_\_\_\_

### Mathematics

MATH 112 \_\_\_\_\_

### Computer Science

CS 173 \_\_\_\_\_

### One of the following:

BIO 101Q \_\_\_\_\_ **or** BIO 102Q \_\_\_\_\_ **or**

ENV 100 \_\_\_\_\_

### Activities

Work as a laboratory assistant or help session staff.

\*The candidate for certification is advised that, in order to teach comprehensive general science at the junior high/middle school, additional certification in general science may be required.

**NOTE:** To be approved for student teaching, a candidate must have 1) attained an average of 2.50 in required physics and mathematics courses and 2) demonstrated the interpersonal and communication skills necessary to convey ideas and concepts to others.

### **Teaching Concentration:**

#### **PA teacher certification for grades 7-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_ 360 \_\_\_\_\_

EDUC 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Overall GPA of 3.00 required for Teacher Certification**

**3.00 GPA required for Education courses**

**Modern Languages Department - SPANISH  
Teaching Concentration (TC)**

Name: \_\_\_\_\_

**Department Core Required:**

Major (s) (1) \_\_\_\_\_

**A minimum of 24 credit hours at the 200 level and above.**

(2) \_\_\_\_\_

SPAN \_\_\_\_\_ SPAN \_\_\_\_\_

SPAN \_\_\_\_\_ SPAN \_\_\_\_\_

SPAN \_\_\_\_\_ SPAN \_\_\_\_\_

SPAN 251 \_\_\_\_\_ SPAN 252 \_\_\_\_\_

SPAN 317 \_\_\_\_\_ SPAN 328 \_\_\_\_\_

**College Core Requirements**

**Plus two additional courses at the 300 or 400 level:**

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

SPAN \_\_\_\_\_ SPAN \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

SPAN \_\_\_\_\_ SPAN \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

The student is advised to take appropriate courses in Anthropology, History, Politics, Economics and Intercultural Communication.

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

Activities

6. Q course

\_\_\_\_\_ \_\_\_\_\_

Pass an assessment for admission to candidacy for certification and before being recommended for certification. This assessment includes an evaluation of the prospective teacher's listening, speaking, reading and writing skills in Spanish as well as his/her cultural knowledge of Spanish-speaking countries.

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

Spend a summer, semester, or an entire year in a foreign country with a program approved by the Modern Languages Department.

8. Art

\_\_\_\_\_ \_\_\_\_\_

**Teaching Concentration:**

9. Diversity

'D' Course \_\_\_\_\_

**PA teacher certification for grades K-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_

EDUC 360 \_\_\_\_\_ 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

'G' Course \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

**Independent Learning Experience**

\_\_\_\_\_

Praxis II \_\_\_\_\_ FS:CK \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

**Additional Requirements:**

**Major Department Recommendation**  
**3.0 GPA required for Spanish courses**

**Overall GPA of 3.00 required for Teacher Certification**  
**3.00 GPA required for Education courses**

## History Department Teaching Concentration (TC) - Social Studies (Two Pages)

Name: \_\_\_\_\_

Major (s) (1) \_\_\_\_\_

(2) \_\_\_\_\_

### College Core Requirements

1. Common Intellectual Experience

CIE 100 \_\_\_\_\_ CIE 200 \_\_\_\_\_

2. Foreign Language (two courses)

\_\_\_\_\_ \_\_\_\_\_

3. Math

\_\_\_\_\_ \_\_\_\_\_

4. Science

\_\_\_\_\_ \_\_\_\_\_

5. Social Science

\_\_\_\_\_ \_\_\_\_\_

6. Q course

\_\_\_\_\_ \_\_\_\_\_

7. Humanities

\_\_\_\_\_ \_\_\_\_\_

8. Art

\_\_\_\_\_ \_\_\_\_\_

9. Diversity

'D' Course \_\_\_\_\_ \_\_\_\_\_

'G' Course \_\_\_\_\_ \_\_\_\_\_

### Independent Learning Experience

\_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_

Credits after

Freshman Year \_\_\_\_\_

Sophomore Year + \_\_\_\_\_ = \_\_\_\_\_

Junior Year + \_\_\_\_\_ = \_\_\_\_\_

Senior Year + \_\_\_\_\_ = \_\_\_\_\_

Adviser: \_\_\_\_\_

### Department Core Required:

Required courses and activities for Social Studies certification:

- A. Students must major in American Studies, Anthropology, Business and Economics, East Asian Studies, History, International Relations, Politics, Psychology, or Sociology. To be admitted to student teaching, a Social Studies certification candidate must have a 2.67 GPA for courses in his or her major.
- B. Students must complete both semesters of the Ursinus College Common Intellectual Experience course sequence (CIE100 & CIE 200). Note: History 261 (or its equivalent) may be substituted for the CIE100/200 for eligible transfer or post-baccalaureate candidates.
- C. Students must take the following courses: (total 9 courses = 36 credits)

#### Any Anthropology course:

ANTH \_\_\_\_\_ (ANTH 100 or ANTH 352 recommended)

ECON 102 \_\_\_\_\_ or ECON 120 \_\_\_\_\_

#### Three History courses:

HIST 262 \_\_\_\_\_ and:

One pre-1877 U. S. History course:

HIST 113 \_\_\_\_\_ or HIST 321 \_\_\_\_\_ or

HIST 322 \_\_\_\_\_ or HIST 323 \_\_\_\_\_ and:

One post-1877 U. S. History course:

HIST 114 \_\_\_\_\_ or HIST 220 \_\_\_\_\_ or HIST 327 \_\_\_\_\_

Note: HIST-223 (African American History), HIST/GWMS-328 (Women in American History) or HIST-329 (Topics in African American History) may be taken to fulfill either the pre-1877 or post-1877 U.S. History course requirement (but not both).

or HIST 223 \_\_\_\_\_ or HIST/GWMS-328 \_\_\_\_\_

HIST 329 \_\_\_\_\_

#### Two Politics courses:

POL 218 \_\_\_\_\_ (required) one additional Politics course; either POL 242 \_\_\_\_\_ or POL 252 \_\_\_\_\_ (is recommended)

(POL 237 fulfills this requirement as well)

#### Any Sociology course:

SOC \_\_\_\_\_ (SOC 100 or SOC 110 is recommended.)

#### Required major Methodology course (one from):

ANSO 200/200L \_\_\_\_\_ or STAT 141Q \_\_\_\_\_

or HIST 200W \_\_\_\_\_ or PSYC 200WQ \_\_\_\_\_

or POL 418W / 437W / 442W / 452W / IR400W \_\_\_\_\_

**PA teacher certification for grades 7-12 must take:**

EDUC 210 \_\_\_\_\_ 265 \_\_\_\_\_ 320 \_\_\_\_\_ 350 \_\_\_\_\_ 360 \_\_\_\_\_

EDUC 375 \_\_\_\_\_ 443 \_\_\_\_\_ 405/493 \_\_\_\_\_ 406 \_\_\_\_\_

Exams – PAPA/CORE (or appropriate SAT/ACT scores) \_\_\_\_\_

Praxis II \_\_\_\_\_

**Note: Post-baccalaureate Social Studies certification candidates who have not taken the required Methodology course as an undergraduate will be required to take HIST-200W as their Methodology course at Ursinus.**

**NOTES:**

1. Students who enter with Advanced Placement credit in U.S. History or American Government should substitute another History or Politics course in their required course sequence, if their schedule permits. Completing either of these requirements through CLEP tests is not recommended.
2. While the required number of course/credits is high, the program overlaps with other requirements for various majors or minors and the college core requirements. For example, many of the courses listed above will fulfill the student's Humanities, Social Science, Diversity, (D), Global Studies (G) and even laboratory science and Q-course requirements.
3. In addition to these requirements, candidates for certification in Social Studies must complete all the Education courses required by the Education Department for teaching certification. **IMPORTANT: All Teaching Certification students must take both their (4-credit) Mathematics course and their lab science/Q course at Ursinus College and not at another institution, in order to meet PDE standards.**
4. **To be admitted to student teaching, a student must have a minimum GPA of 3.00 in those Education courses, 2.67 GPA for courses in the major and passing scores for the PAPA\* exam. \*Note that the PDE now accepts SAT/ACT scores – see education department staff for details.**

**Additional Requirements:**

**Major Department Recommendation  
2.67 GPA required for History courses**

**Overall GPA of 3.00 required for Teacher Certification  
3.00 GPA required for Education courses**