

**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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

Department Core Required:

BIO 101Q _____ BIO 102Q _____

BIO 201W _____ BIO 415W _____

Distribution Courses: One course from each group

Molecular/Cellular: Bio 220, 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 359, Bio 365, Bio 442W **or** 444W

BIO _____ BIO _____

Plant Biology: Bio 334 **or** Bio 335

BIO _____ BIO _____

Population/Ecology: Bio 310, Bio 320, Bio 324, Bio 330, Bio 336, Bio 415W **or** Bio 455W

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 455W, 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 100 _____ 265 _____ 320 _____ 350W _____ 360 _____

EDUC 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____

Additional Requirements:

Major Department Recommendation

2.50 GPA required for Biology course work

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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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 100 _____ 265 _____ 320 _____ 350W _____

360 _____ EDUC 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____

Additional Requirements:

Major Department Recommendation

3.0 GPA required for English coursework

Overall GPA of 3.00 required for Teacher Certification

3.00 GPA required for Education courses

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

Name: _____

Department Core Required:

Major (s) (1) _____ (2) _____

HEP 100 _____

HEP 202 _____

College Core Requirements

BIO/HEP 205 _____

BIO/ HEP 206 _____

1. Common Intellectual Experience

CIE 100 _____ CIE 200 _____

HEP 334 _____

HEP 351 _____

2. Foreign Language (two courses)

_____ _____

HEP 352 _____

STAT 141Q _____

3. Deductive Reasoning (R)

_____ _____

Capstone:

HEP 465W _____ **and** EDUC 453 _____

or

HEP 446 _____ or HEP 447 _____ or HEP 491W _____

4. Scientific inquiry/experimentation (S)

_____ _____

Teaching Concentration:

HEP 220 _____ HEP 232W _____

5. Social Scientific inquiry (SS)

_____ _____

HEP 333 _____ HEP 355 _____

6. Quantitative reasoning (Q)

_____ _____

HEP 356 _____ HEP 464 _____

7. Humanistic inquiry (H)

_____ _____

HEP 446 _____

HEP 235 _____ or Approved swimming class w/CPR _____

8. Artistic/performance (A)

_____ _____

DANC 200 _____ or an approved Dance elective _____

HEP 224 _____ **or** HEP 209 _____ (Tai Chi, Self-Defense or Martial Arts)

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

HEP 223 _____

HEP 245 _____

HEP 381 or 382 _____

PA teacher certification for grades K-12 must take:

ED 100 _____ 265 _____ 320 _____ 360 _____ ED 375 _____

HEP 355 _____ HEP 356 _____ 453/493 _____ 454 _____

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

Praxis II _____ FS:CK _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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) _____ (2) _____

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.

College Core Requirements

1. Common Intellectual Experience

CIE 100 _____ CIE 200 _____

FRE _____ FRE _____

2. Foreign Language (two courses)

_____ _____

FRE _____

FRE 251 _____ FRE 252 _____

3. Deductive Reasoning (R)

_____ _____

FRE 317 _____ FRE 328 _____

4. Scientific inquiry/experimentation (S)

_____ _____

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

FRE _____ FRE _____

5. Social Scientific inquiry (SS)

_____ _____

FRE _____

6. Quantitative reasoning (Q)

_____ _____

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.

7. Humanistic inquiry (H)

_____ _____

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.

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____

GN Course _____

O Course _____

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

Teaching Concentration:

10. Linked inquiry (LINQ)

_____ _____

PA teacher certification for grades K-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____

11. Core Capstone (CCAP)

_____ _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

12. Experiential Learning Project (XLP)

_____ _____

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

Praxis II _____ FS:CK _____

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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____

Additional Requirements:

Major Department Recommendation

2.50 GPA required for the major courses

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) _____ (2) _____

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.

College Core Requirements

1. Common Intellectual Experience

CIE 100 _____ CIE 200 _____

2. Foreign Language (two courses)

_____ _____

3. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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.

Teaching Concentration:

PA teacher certification for grades K-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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) _____ (2) _____

JPN 311 _____ JPN 312 _____

JPN 328 _____

College Core Requirements

East Asian Studies - One of the following:

Summer Study in Japan* _____ **or**

Semester in Japan* _____

Three of the following:

EAS 229 _____ EAS 314 _____

EAS 224 _____ HIST 243 _____

or other courses on Japanese Studies approved by the Modern Languages Department. _____

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

Activities

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

*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.

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.

Teaching Concentration:

PA teacher certification for grades K-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____ FS:CK _____

ACTFL Oral _____ Written _____

1. Common Intellectual Experience

CIE 100 _____ CIE 200 _____

2. Foreign Language (two courses)

_____ _____

3. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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

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.

Teaching Concentration:

PA teacher certification for grades K-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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) _____ (2) _____

MATH 112 _____ MATH 211 _____

MATH 235 _____ MATH 236W _____

MATH 311W _____ MATH 322 _____

MATH 335 _____ MATH 341 _____

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

MATH 442 _____

Any 300 or 400 level course _____

CS 173 _____

Recommended courses:

STAT 241 _____ STAT 242 _____

MATH 310 _____ MATH 421 _____

MATH 434 _____

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

Experiences

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

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

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.

Teaching Concentration:

PA teacher certification for grades 7-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____

College Core Requirements

1. Common Intellectual Experience

CIE 100 _____ CIE 200 _____

2. Foreign Language (two courses)

_____ _____

3. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

Department Core Required:

Required courses and activities for certification in physics.*

PHYS 121Q _____ PHYS 122Q _____

PHYS 201 _____ PHYS 207 _____

PHYS 299 _____ PHYS 450 _____

any three of: 304 (Thermal Physics), 401 (Applications of Quantum Mechanics), 409 (Electrodynamics), 410 (Advanced Classical Mechanics)

PHYS _____ PHYS _____

PHYS _____

and any two of: 328W (Analog Electronics), 329W (Digital Electronics), 338W (Advanced Physics Laboratory I), 339W (Advanced Physics Laboratory II).

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 100 _____ 265 _____ 320 _____ 350W _____ 360 _____

EDUC 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____

Additional Requirements:

Major Department Recommendation

2.50 GPA required for Physics and Mathematics courses

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) _____ (2) _____

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

College Core Requirements

SPAN _____ SPAN _____

SPAN _____ SPAN _____

SPAN _____ SPAN _____

SPAN 251 _____ SPAN 252 _____

SPAN 317 _____ SPAN 328 _____

Plus two additional courses at the 300 or 400 level:

SPAN _____ SPAN _____

SPAN _____ SPAN _____

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

Activities

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.

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

Teaching Concentration:

PA teacher certification for grades K-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____

EDUC 360 _____ 375 _____ 443 _____ 453/493 _____ 454 _____

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. Deductive Reasoning (R)

_____ _____

4. Scientific inquiry/experimentation (S)

_____ _____

5. Social Scientific inquiry (SS)

_____ _____

6. Quantitative reasoning (Q)

_____ _____

7. Humanistic inquiry (H)

_____ _____

8. Artistic/performance (A)

_____ _____

9. DN, GN and O courses (Only 2 from student's major)

DN Course _____ _____

GN Course _____ _____

O Course _____ _____

10. Linked inquiry (LINQ)

_____ _____

11. Core Capstone (CCAP)

_____ _____

12. Experiential Learning Project (XLP)

_____ _____

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. Deductive Reasoning (R)
_____ _____
4. Scientific inquiry/experimentation (S)
_____ _____
5. Social Scientific inquiry (SS)
_____ _____
6. Quantitative reasoning (Q)
_____ _____
7. Humanistic inquiry (H)
_____ _____
8. Artistic/performance (A)
_____ _____
9. DN, GN and O courses (Only 2 from student's major)
DN Course _____ _____
GN Course _____ _____
O Course _____ _____
10. Linked inquiry (LINQ)
_____ _____
11. Core Capstone (CCAP)
_____ _____
12. Experiential Learning Project (XLP)
_____ _____

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 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-225 (Native North America), 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 225 _____

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 recommended.)

Required major Methodology course (one from):

ANSO 200/200L _____ or STAT 141Q _____

or HIST 200W _____ or PSYC 200WQ _____ **OVER**

or POL 418W / 437W / 442W / 452W / IR400W _____

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.

PA teacher certification for grades 7-12 must take:

EDUC 100 _____ 265 _____ 320 _____ 350W _____ 360 _____

EDUC 375 _____ 443 _____ 453/493 _____ 454 _____

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

Praxis II _____

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