Secondary or P-12 Education Certification

For Those Interested in Secondary Education (Grades 6-12) Certification with a BIOLOGY Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Biology program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Biology requirements are met, no other biology content courses are required. However, students are strongly encouraged to pursue “broad fields” Science certification which includes the areas of biology, chemistry, earth science, and physics. To meet broad fields content requirements, in addition to the biology degree, 15 credits in each of TWO additional content areas (Chemistry, Physics, or Earth-Space Science) are required.

- CHEM - advisor recommended
- PHYS - advisor recommended: Principles of Physics I (PHYS 2211), Principles of Physics II (PHYS 2212), Modern Physics I (PHYS 3536)
- Earth-Space Science - advisor recommended

The following education courses may also be taken as electives while enrolled in your bachelor's program:

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

- Instructional Technology for P-12 Teaching Fields (ITEC 3430) (3)
- Content Literacy (READ 3330) (3)
- Introduction to Special Education (SPED 3333) (3)

Education Area F “Preprofessional Block” (PPB) courses may also be taken; however the PPB courses will not count toward meeting certification requirements or MAT degree requirements. These courses can provide undergraduate students information and experiences in school settings that will help them make more informed decisions about becoming a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete nine (9) credit PPB block of courses with the required 50 hour field experience; OR
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact hours in a school) – total of three (3) credits. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor's program.

For Those Interested in Secondary Education (Grades 6-12) Certification with a CHEMISTRY Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Chemistry program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Chemistry requirements are met, no other chemistry content courses are required. However, students are strongly encouraged to pursue “broad fields” Science certification which includes the areas of biology, chemistry, earth science, and physics. To meet broad fields content requirements, in addition to the chemistry degree, 15 credits in each of TWO additional content areas (Biology, Physics, or Earth-Space Science) are required.

- BIOL - advisor recommended
- PHYS - advisor recommended: Principles of Physics I (PHYS 2211), Principles of Physics II (PHYS 2212), Modern Physics I (PHYS 3536)
- Earth-Space Science - advisor recommended

The following education courses may also be taken as electives while enrolled in your bachelor's program:

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

- Instructional Technology for P-12 Teaching Fields (ITEC 3430) (3)
- Content Literacy (READ 3330) (3)
- Introduction to Special Education (SPED 3333) (3)

Education Area F “Preprofessional Block” (PPB) courses may also be taken; however the PPB courses will not count toward meeting certification requirements or MAT degree requirements. These courses can provide undergraduate students information and experiences in school settings that will help them make more informed decisions about becoming a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete nine (9) credit PPB block of courses with the required 50 hour field experience; OR
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact hours in a school) – total of three (3) credits. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor's program.

For Those Interested in Secondary Education (Grades 6-12) Certification with a GEOGRAPHY Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Geography program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Geography requirements are met, no other geography content courses are required. However, students are strongly encouraged to pursue
certification in more than one social science field to enhance employment opportunity. Plan to complete at least twelve (12) credits in one or more of the following fields: Economics, History, and/or Political Science, with advisor guidance in selection. These courses should be completed as part of the minor or electives.

The following education courses may also be taken as electives while enrolled in your bachelor’s program:

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

- Instructional Technology for P-12 Teaching Fields (ITEC 3430) (3)
- Content Literacy (READ 3330) (3)
- Introduction to Special Education (SPED 3333) (3)

Education Area F “Preprofessional Block” (PPB) courses may also be taken; however the PPB courses will not count toward meeting certification requirements or MAT degree requirements. These courses can provide undergraduate students information and experiences in school settings that will help them make more informed decisions about becoming a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete 9 credit PPB block of courses with the required 50 hour field experience; OR
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact hours in a school) – total of three (3) credits. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor’s program.

For Those Interested in Secondary Education (Grades 6-12) Certification with a MATHEMATICS Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Geology program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. To meet content requirements, the following courses must be completed as part of or in addition to your current program of study.

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

- Instructional Technology for P-12 Teaching Fields (ITEC 3430) (3)
- Content Literacy (READ 3330) (3)
- Introduction to Special Education (SPED 3333) (3)

Education Area F “Preprofessional Block” (PPB) courses may also be taken; however the PPB courses will not count toward meeting certification requirements or MAT degree requirements. These courses can provide undergraduate students information and experiences in school settings that will help them make more informed decisions about becoming a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete nine (9) credit PPB block of courses with the required 50 hour field experience; OR
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact hours in a school) – total of three (3) credits. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

For Those Interested in Secondary Education (Grades 6-12) Certification with a GEOLOGY Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S. Geology program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. This may be achieved as part of “broad fields” Science certification which includes the areas of biology, chemistry, earth science, or physics. To meet broad fields content requirements, in addition to the geology degree, 15 credits in each of TWO additional content areas (Biology, Chemistry, or Physics) are required.

- BIOL - advisor recommended
- CHEM - advisor recommended
- PHYS - advisor recommended: Principles of Physics I (PHYS 2211), Principles of Physics II (PHYS 2212), Modern Physics I (PHYS 3536)

The following education courses may also be taken as electives while enrolled in your bachelor’s program:

- Biologically Oriented Thought (PHYS 4233) (3)
- Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
- Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

NOTE: GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor’s program.
a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete 9 credit PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact hours in a school) – total of three (3) credits. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

**NOTE:** GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor's program.

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### For Those Interested in Secondary Education (Grades 6-12) Certification with a PHYSICS Degree

Students who plan to seek teacher certification after completion of the B.A. or B.S.P. program may achieve this through the Master of Arts in Teaching (MAT) or a non-degree certification program. If all B.A. or B.S. Physics requirements are met, no other physics content courses are required. However, students are strongly encouraged to pursue “broad fields” Science certification which includes the areas of biology, chemistry, earth science, and physics. To meet broad fields content requirements, in addition to the physics degree, 15 credits in each of TWO additional content areas (Biology, Chemistry, or Earth-Space Science) are required.

- BIOL - advisor recommended
- CHEM - advisor recommended
- Earth-Space Science - advisor recommended

The following education courses may also be taken as electives while enrolled in your bachelor’s program:

Courses that a student can take as an undergraduate that will count toward certification requirements but will not count toward MAT degree requirements are:

- Instructional Technology for P-12 Teaching Fields (ITEC 3430) (3)
- Content Literacy (READ 3330) (3)
- Introduction to Special Education (SPED 3333) (3)

Education Area F “Preprofessional Block” (PPB) courses may also be taken; however the PPB courses will not count toward meeting certification requirements of MAT degree requirements. These courses can provide undergraduate students information and experiences in school settings that will help them make more informed decisions about becoming a teacher. Since the three PPB courses have USG-mandated field requirements, the following guidance should be followed:

- BA/BS/BBA majors can take the complete nine (9) credit PPB block of courses with the required 50 hour field experience; **OR**
- BA/BS/BBA majors can take Exploring Learning and Teaching (EDUC 2130) concurrently with PPB Practicum (EDUC 2090) (50 contact hours in a school) – total of three (3) credits. After taking Exploring Learning and Teaching (EDUC 2130), those students can take one or both of the other PPB courses with approximately 10 hours of field experience with each course. These courses are:
  - Investigating Critical and Contemporary Issues in Education (EDUC 2110) (3)
  - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (EDUC 2120) (3)

**NOTE:** GACE Program Admission Assessment and GACE Content Assessment examination and 2.5 cumulative GPA requirements must be met for certification program admission and should be considered during enrollment in the bachelor’s program.