

CHEMISTRY POST-BACCALAUREATE CERTIFICATION

Advanced Professional Studies - Post-Bacc Cert

Code	Title	Hours
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*Clearances are valid for one year from the date that appears in the header of this degree audit in the field 'Clearance Date.' Clearances cannot expire in the middle of a semester.

COURSE REQUIREMENTS FOR APS

FOUNDATIONS COURSES - Choose 1 of the following options 1-2: 6

Option 1. Foundations Graduate Level

EDFN 590 Social Foundation of Educ

EDFN 545 Advanced Educational Psychology

Option 2. Foundations Undergraduate Level

EDFN 211 Foundations Modern Education

EDFN 241 Psychological Foundations of Teaching

ACT 126 - Educator Ethics Training

You must submit your Educator Ethics Training (If applying to APS AFTER Jan 15, 2020)

3.0 Minimum Cert GPA

undefined - See separate block

If you are given the 2.8 GPA Exception for graduation and you graduate with a GPA lower than 3.0, you must have higher certification test scores in order to meet PA state certification requirements.

No dispositions-related holds

If the requirement above is checked as complete, then there are currently no dispositions-related holds on your APS Status. Registration for APS courses is permitted when all APS requirements have been met. If it is incomplete, you have a hold and APS registration will not be allowed.

APS registration status

You ARE NOT eligible to register for courses requiring APS status.

Application for APS status

When all requirements are met, you must submit application for admission to APS status. [Click here for the application.](#)

Total Hours 6

Major in Chemistry, Post-Bacc Certification

Code	Title	Hours
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Credits Required for Major

true

Minimum GPA 2.0 for Major

true

100 AND 200 LEVEL CHEMISTRY REQUIREMENTS

CHEM 111 Introductory Chemistry 1 (C minimum) 0

CHEM 112 Introductory Chemistry 2 (C minimum) 0

CHEM 231 Organic Chemistry 1 (C minimum) 0

CHEM 232 Organic Chemistry 2 (C minimum) 0

CHEM 251 Inorganic Chemistry 1 (C minimum) 3

CHEM 265 Quantitative Analysis (C minimum) 0

300 AND 400 LEVEL CHEMISTRY REQUIREMENTS

CHEM 326 Biochemistry 1 0

CHEM 341 Physical Chemistry 1 0

CHEM 342 Physical Chemistry 2 0

CHEM 375 Environmental Chemistry 0

Total Hours 3

Req Related for Chemistry, Post-Bacc Cert

Code	Title	Hours
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MATHEMATICS

MATH 161 Calculus 1 4

MATH 211 Calculus 2 4

MATH 311 Calculus 3 4

PHYSICS

PHYS 231 Physics 1 with Calculus 0

PHYS 232 Physics 2 with Calculus 0

Total Hours 12

Professional Education - Certification

Code	Title	Hours
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FOUNDATIONS BLOC

We recommend 590 and 545 for Post-Bacc students. These courses each require 35 hours field placement at an urban school. Offered in the evenings Fall and Spring. Also offered in Summer Session. If enrolling in EDFN 211/241, please register for both courses in the same block.

Foundations of Modern Education - Choose 1 of the following: 3

EDFN 590 Social Foundation of Educ

EDFN 211 Foundations Modern Education

Psychological Foundations of Teaching - Choose 1 of the following: 3

EDFN 545 Advanced Educational Psychology

EDFN 241 Psychological Foundations of Teaching

APS - PROFESSIONAL BLOC

Students must meet APS eligibility requirements prior to registering. Course Appropriate PRAXIS II Exam should be taken after Professional Bloc, but prior to Student Teaching.

Instructional Technology, Design Assessment - Choose 1 of the following: 3

EDFN 530 Instructional Technology, Design and Assessment

EDFN 330 Instructional Technology, Design & Assessment

Issues in Secondary Education - Choose 1 of the following: 3

EDSE 521 Issues in Second Education

EDSE 321 Issues in Secondary Education

Content Area Literacy for Diverse Classrooms - Choose 1 of the following: 3

EDSE 340 Content Area Literacy for Diverse Classrooms

EDSE 540 Cntnt Area Litrcy Divers Class

Secondary Students w/Disabilities in Inclusive Settings - Choose 1 of the following: 3

SPED 346	Secondary Students w/Disabilities in Inclusive Settings	
SPED 546	Sec Stdnts w Disab Inclu Sttgs	
EDSE 435	Teaching of Science in Secondary Schools	3
STUDENT TEACHING SEMINAR		
File your Intent to Student Teach Card one year prior to the beginning of the semester in which you wish to Student Teach. Click here to access the Student Teaching Website		
EDSE 471	Student Teaching Seminar	3
STUDENT TEACHING SEMESTER		
Students must meet APS eligibility requirements prior to registering. Submit your Teacher Certification Packet 90 days prior to completion of your certification program. Click here to access the packet on the Certification Website.		
EDSC 461 & EDSC 462	Student Teaching in Science and Student Teaching in Science	9
Total Hours		33