



DEGREE SHEET / 2018-2019 CATALOG

Student name:

Eagle ID:

Eagle Email:

Phone:

ASSOCIATES OF APPLIED SCIENCE (AAS) RADIATION PROTECTION

This program is designed to prepare you for a career as a Radiation Protection Technician in environmental programs and scientific laboratories. The program prepares you to conduct radiation surveys, interpret survey data, assess personal protection requirements, and instruct personnel in appropriate protective procedures and environmental clean-up.

GENERAL EDUCATION REQUIREMENTS (33 Credits)	SEMESTER	GRADE
AREA I: COMMUNICATIONS (6 Credits)		
ENG 111 Composition I (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
ENG 116 Professional and Technical Communication (3) <i>Pre-requisite: ENG 111</i>		
AREA II: MATHEMATICS (10 Credits)		
MATH 130 Intermediate Algebra (4) <i>Pre-requisite: Math 102N</i>		
MATH 145 Introduction to Probability and Statistics (3) <i>Pre-requisite: Math 130</i>		
MATH 150 College Algebra (3) <i>Pre-requisite: Math 130 or adequate score on the Course Placement Evaluation</i>		
AREA III: LABORATORY SCIENCES (8 Credits)		
ES 112/L Introduction to Environmental Science with Lab (4) <i>Pre-requisite: None</i>		

CHEM 110/L Introduction to Chemistry with Lab (4) <i>Pre-requisites: MATH 102N and ENG 109N</i>		
AREA IV: SOCIAL/BEHAVIORAL SCIENCES (3 Credits)		
AREA V: HUMANITIES AND FINE ARTS (3 Credits)		
AREA VI: FIRST YEAR EXPERIENCE (3 Credits)		
FYE 101 First Year Experience (3) <i>Pre-requisite: Freshman Standing Only</i>		
PROGRAM REQUIREMENTS (33 Credits)		
BCIS 102 Computer Literacy (3) <i>Pre-requisite: None</i>		
CHEM 121/L General Chemistry I with Lab (4) <i>Pre-requisites: MATH 130, high school chemistry, or ACT score of 19 or higher in natural science and ENG 111</i>		
PHYS 121/L Applied Physics I with Lab (4) <i>Pre-requisite: Math 130</i>		
RDPR 233 Radiation Biology (3) <i>Pre-requisite: Permission of Instructor</i>		
RDPR 234 Introduction to Radiation Science and Technology (4) <i>Pre-requisite: Permission of Instructor</i>		
RDPR 238 Introduction to Radiation Protection (4) <i>Pre-requisite: Permission of Instructor</i>		
RDPR 242 Problems in Radiation Protection (4) <i>Pre-requisite: Permission of Instructor</i>		
RDPR 243 Practical Radiological Programs and Sampling Methods (4) <i>Pre-requisite: Permission of Instructor</i>		
RDPR 250 Supervised Field Experience (3) <i>Pre-requisite: Permission of Instructor</i>		
TOTAL CREDITS 66		
ADVISOR APPROVAL	DATE	

SUGGESTED SEQUENCE OF COURSES

FIRST SEMESTER (17 Credits)

CHEM 110/L Introduction to Chemistry (4)
ENG 111 English Composition I (3)
FYE 101 First Year Experience (3)
RDPR 233 Radiation Biology (3)
RDPR 234 Introduction to Radiation Science & Technology (4)

SECOND SEMESTER (14 Credits)

ENG 116 Technical Writing (3)
AREA VI Social and Behavioral Science (3)
RDPR 238 Introduction to Radiation Protection (4)
RDPR 242 Problems in Radiation Protection (4)

THIRD SEMESTER (17 Credits)

CHEM 121/L General Chemistry I with Lab (4)
AREA V Humanities and Fine Arts (3)
BCIS 102 Computer Literacy (3)
MATH 130 Intermediate Algebra (4)
RDPR 250 Supervised Field Experience (3)

FOURTH SEMESTER (18 Credits)

MATH 145 Introduction to Probability and Statistics (3)
PHYS 121/L Applied Physics I with Lab (4)
RDPR 243 Practical Radiological Programs and Sampling Methods (4)
MATH 150 College Algebra (3)
ES 112/L Introduction to Environmental Sciences with Lab (4)

EDUCATIONAL PLANNING FORM (Semester)

FALL SEMESTER	SPRING SEMESTER	SUMMER
Total Units	Total Units	Total Units
FALL SEMESTER	SPRING SEMESTER	SUMMER
Total Units	Total Units	Total Units
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