PHYSICS Bachelor of Science (BS) A21A

At least 120 hours are required for graduation, and students must earn a 2.0 overall GPA, a 2.0 WSU GPA, and a 2.0 GPA in the major. Students must also complete all courses required for Liberal Arts and Sciences General Education.

REQUIREMENTS FOR MAJOR: 55 credit hours
Select one of the following options:

Option A
- PHYS 213 General College Physics I (5)
- PHYS 214 General College Physics II (5)

or

Option B
- PHYS 313- Physics for Scientists I (4)
- PHYS 315 University Physics Lab I (1)
- PHYS 314 Physics for Scientists II (4)
- PHYS 316 University Physics Lab II (1)

PHYS 551 Topics in Modern Physics (3)
PHYS 621 Analytical Mechanics (3)
PHYS 631 Electricity and Magnetism (3)
PHYS 641 Thermophysics (3)
PHYS 651 Quantum Mechanics (3)
MATH 555 Differential Equations I (3)

Select one of the following MATH courses:
- MATH 511 Linear Algebra (3)
- MATH 545 Integration Techniques and Applications (3)
- MATH 547 Advanced Calculus I (3)
- MATH 757 Partial Differential Equations for Engineers (3)

Select 10 credit hours of Chemistry:
CHEM ______
CHEM ______

Select 3 semesters from the following:
- 516 Advanced Physics Laboratory (2)
- 517 Electronics Laboratory (2)
- 616 Computational Physics Laboratory (2)

8 additional hours of Physics numbered 300 and above (excluding 501 and 502):

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Requirements for Minor: 16 hours
Select either Option A or Option B from above:

At least 6 additional credit hours of Physics courses numbered above 500 excluding 501 and 502:

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Dr. Holger Meyer, Director and Undergraduate Advisor
Department of Physics, 046 Jabara Hall, 978-3993
holger.meyer@wichita.edu