

CHEMICAL PHYSICS MAJOR

Bachelor of Science

Fall 2016 - Summer 2018

Name: _____

I.D. # _____

Major Requirements: 50 semester hours in Chemistry, Physics and Statistics, with 16 semester hours of additional coursework in Math and Computer Science. At least 30 semester hours must be taken at Aquinas and a GPA of 2.0 must be maintained with no more than one C-.

AQUINAS REQUIREMENTS

_____	CY 111 General Chemistry I	4.0
_____	CY 112 General Chemistry II	4.0
_____	CY 311 Physical Chemistry	4.0
_____	CY 312 Physical Chemistry	4.0
_____	CY 215 Quantitative Analysis	4.0
_____	CY 336 Advanced Inorganic Chemistry	4.0
_____	CY 346 Instrumental Methods of Analysis	4.0
_____	CY 400 Undergrad Seminar / Research	1.0
_____	CY 401 Undergrad Seminar / Research	2.0
_____	PC 213 Mechanics, Sound, and Heat	4.0
_____	PC 214 Electricity, Magnetism and Light	4.0
_____	PC 215 Modern Physics	4.0
_____	PC 316 Applied Mathematics for the Physical Sciences	4.0
_____	MS 252 Statistics or MS 494 Statistics	3.0

Additional Courses: Required

_____	CS 152 Spreadsheets (must be taken before CY 112)	1.0
_____	MS 121 Calculus with Analytic Geometry	4.0
_____	MS 122 Calculus with Analytic Geometry	4.0
_____	MS 231 Multivariate Calculus	4.0
_____	MS 241 Differential Equations	3.0

TRANSFER EQUIVALENTS

<u>CHEM</u>	<u>220</u>
<u>CHEM</u>	<u>221</u>
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<u>PHYS</u>	<u>111</u>
<u>PHYS</u>	<u>112</u>
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_____	_____
<u>CMIS</u>	<u>257</u>
<u>MATH</u>	<u>250</u>
<u>MATH</u>	<u>251</u>
_____	_____
_____	_____

All students are expected to participate in the seminar/lecture series sponsored by the Departments of Chemistry and Physics. Attendance at a minimum of 8 seminars is required.

Please Note: Aquinas College reserves the right to change, modify or amend the above-stated requirements and/or courses in its sole discretion and without prior notice.