

Applied Mathematics, Physics Track

Program: Applied Mathematics

Type: Track

Required courses

Required courses

Item #	Title	Credits
MATH 210	Elementary Statistics	3
MATH 231	Calculus I	4
MATH 232	Calculus II	4
MATH 233	Calculus III	4
MATH 331	Linear Algebra	3
MATH 431	Ordinary Differential Equations	3
CHEM 111	General Chemistry I	4
CHEM 111	General Chemistry I Laboratory	1
CPSC 111	Introduction to Computer Science	3
PHYS 231	Engineering Physics I	4
PHYS 231	Engineering Physics Laboratory I	1
PHYS 232	Engineering Physics II	4
PHYS 232	Engineering Physics II Laboratory	1

Take 3 credits from the following:

Item #	Title	Credits
MATH 310	Probability and Statistical Inference	3
MATH 432	Numerical Analysis	3

Take 15 credits from the following:

Item #	Title	Credits
PHYS 245	Circuit Analysis	3
PHYS 342	Thermodynamics	3
PHYS 351	Statics	3
PHYS 352	Dynamics	3
PHYS 411	Modern Physics	3
PHYS 412	Electromagnetism	3

Total credits:	57
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