

Honours Astrophysics Worksheet (2009)

Year 1: (identical to major)

ASTR 1100 _____ PHYS 1100 _____ ENGL 1205 _____ MATH 1210 _____ science _____ (CHEM 1210)	ASTR 1101 _____ PHYS 1101 _____ PHYS 1500 _____ MATH 1211 _____ science _____ (CHEM 1211)
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Summary of first year courses:

6 hrs. ASTR; 9 hrs. PHYS; 3 hrs. ENGL 1205;
 6 hrs. MATH 1210/1211; 6 hrs. sciences.

Year 2: (identical to major)

ASTR 2100 _____ PHYS 2300 _____ science _____ <u>MATH 2311</u> science _____ <u>MATH 2301</u> science _____ (CSCI 1226)	ASTR 2400 _____ PHYS 2301 _____ PHYS 2400 _____ science _____ <u>MATH 2303</u> humanities _____
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Summary of second year courses:

6 hrs. ASTR; 9 hrs. PHYS; 12 hrs. sciences
 3 hrs. humanities

Year 3:

ASTR 3400 _____ PHYS 3200 _____ PHYS 3300 _____ PHYS 3500 _____ arts/ECON _____	PHYS 3600 _____ PHYS 3201 _____ PHYS 3210 _____ PHYS 3350 _____ arts/ECON _____
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Summary of third year courses:

3 hrs. ASTR; 21 hrs. PHYS; 6 hrs. arts/ECON.

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Year 4:

ASTR 3500 _____	astronomy* _____
PHYS 4500 _____	PHYS 3400 _____
physics** _____	elective _____
arts/ECON _____	arts/ECON _____
Honours thesis: PHYS 4790 _____	

*selected from ASTR 5200–5710

**selected from PHYS 4380, 4390, 4501, 4510, 4600

Summary of fourth year courses:

6 hrs. ASTR; 9 hrs. PHYS; 6 hrs. arts/ECON;
 3 hrs. elective; 6 hrs. honours thesis.

Programme Summary:

area	hours needed	courses	hours earned
ASTR	21	7	_____
PHYS	48	16	_____
thesis	6	2	_____
MATH 1210/1211	6	2	_____
ENGL 1205	3	1	_____
humanities	3	1	_____
science	18	6	_____
arts/ECON	12	4	_____
elective	3	1	_____
Grand total	120	40	_____