

# Honours Astrophysics Worksheet (2008)

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*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 2200 _____ PHYS 2300 _____ science _____ <u>MATH 2310</u> science _____ (CSCI 1226)	ASTR 2400 _____ PHYS 2400 _____ PHYS 2301 _____ science _____ <u>MATH 2311</u> humanities _____
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Summary of second year courses:

6 hrs. ASTR;                      12 hrs. PHYS;                      9 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** _____	science _____
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;                      3 hrs. science;  
 6 hrs. arts/ECON;              6 hrs. honours thesis.

*Programme Summary:*

area	hours needed	courses	hours earned
ASTR	21	7	_____
PHYS	51	17	_____
thesis	6	2	_____
MATH 1210/1211	6	2	_____
ENGL 1205	3	1	_____
humanities	3	1	_____
science	18	6	_____
arts/ECON	12	4	_____
Grand total	120	40	_____