Physics Major Worksheet (2009)

| Y | ear | 1: (| (ide | entical | to | $honours_{/}$ | /concent | tration) | |
|---|-----|------|------|---------|----|---------------|----------|----------|--|
|---|-----|------|------|---------|----|---------------|----------|----------|--|

| PHYS 1100 | | PHYS 1101 | |
|-----------|-------------|------------|-------------|
| science | (CSCI 1226) | PHYS 1500 | |
| MATH 1210 | | MATH 1211 | |
| science | (CHEM 1210) | science | (CHEM 1211) |
| ENGL 1205 | | humanities | |

Summary of first year courses:

9 hrs. PHYS; 6 hrs. MATH 1210/1211; 9 hrs. science;

3 hrs. ENGL 1205; 3 hrs. humanities.

Year 2: (identical to honours/concentration)

| PHYS 2300 | | PHYS 2301 | |
|-----------|-----------|-----------|-----------|
| science | MATH 2311 | PHYS 2400 | |
| science | MATH 2301 | science | MATH 2303 |
| arts/ECON | | arts/ECON | |
| arts/ECON | | arts/ECON | |

Summary of second year courses:

9 hrs. PHYS; 9 hrs. sciences; 12 hrs. arts/ECON.

Year 3: (identical to honours)

| PHYS 3200 | PHYS 3201 |
|-----------|-----------|
| PHYS 3300 | PHYS 3210 |
| PHYS 3500 | PHYS 3350 |
| PHYS 3600 | elective |
| elective | elective |
| | |

Summary of third year courses:

21 hrs. PHYS; 9 hrs. electives.

over...

Year 4:

| PHYS 4500 | PHYS 3400 |
|-----------|-----------|
| elective | elective |

Summary of fourth year courses:

 $6~\mathrm{hrs.}~~\mathrm{PHYS};$

24 hrs. electives.

Programme Summary:

| area | hours needed | courses | hours earned |
|----------------|--------------|---------|--------------|
| PHYS | 45 | 15 | |
| MATH 1210/1211 | 6 | 2 | |
| ENGL 1205 | 3 | 1 | |
| humanities | 3 | 1 | |
| science | 18 | 6 | |
| arts/ECON | 12 | 4 | |
| electives | 33 | 11 | |
| Grand total | 120 | 40 | |