

Applied Physics Option

| Autumn Quarter 2009 | | | Winter Quarter 2010 | | | Spring Quarter 2010 | | |
|----------------------|-----------|--------------------|----------------------|----------------------|-----------------|---------------------|-----------|---------------|
| Course # | Hrs | Comment | Course # | Hrs | Comment | Course # | Hrs | Comment |
| Physics 131 | 5 | Intro Phy I | Physics 132 | 5 | Intro Phy II | Physics 133 | 5 | Intro Phy III |
| Math 151 | 5 | Calc I | Math 152 | 5 | Calc II | Math 153 | 5 | Calc III |
| GEC | 5 | GEC # 1 | GEC | 5 | GEC # 2 | CS&E 202 | 4 | C++ |
| ASC 100 | 1 | Survey | | | | | | |
| Qrt Sum | 16 | | Qrt Sum | 15 | | Qrt Sum | 14 | |
| Autumn Quarter 2010 | | | Winter Quarter 2011 | | | Spring Quarter 2011 | | |
| Course # | Hrs | Comment | Course # | Hrs | Comment | Course # | Hrs | Comment |
| Physics 261 | 4 | Mech. I | Physics 262 | 4 | Mech. II | Physics 263 | 4 | Mech. III |
| Physics 295 | 1 | Survey | Math 415 | 4 | Diff. Equations | Math 568 | 3 | Lin. Algebra |
| Math 254 | 5 | Calc IV | GEC | 5 | GEC # 4 | Physics 416 | 4 | Data Lab |
| GEC | 5 | GEC # 3 | GEC | 5 | GEC # 5 | GEC | 5 | GEC # 6 |
| | | | | | | | | |
| Qrt Sum | 15 | | Qrt Sum | 18 | | Qrt Sum | 16 | |
| Autumn Quarter 2011 | | | Winter Quarter 2012 | | | Spring Quarter 2012 | | |
| Course # | Hrs | Comment | Course # | Hrs | Comment | Course # | Hrs | Comment |
| Physics 631 | 4 | Quantum I | Phy Elect* | 4 | Required Elect. | <i>Tech Elect</i> | 3 | Min 15 hours |
| Physics 555 | 4 | E&M I | <i>Tech Elect</i> | 4 | Min 15 hours | Physics 517 | 4 | Elect. Lab |
| <i>Tech Elect</i> | 4 | Min 15 hrs | GEC | 5 | GEC # 8 | GEC | 5 | GEC # 9 |
| GEC | 5 | GEC # 7 | | | | Free Elective | 3 | |
| | | | | | | | | |
| Qrt Sum | 17 | | Qrt Sum | 13 | | Qrt Sum | 15 | |
| Autumn Semester 2012 | | | Spring Semester 2013 | | | | | |
| <i>Tech Elective</i> | 4 | Min 15 hours total | | <i>Tech Elective</i> | 4 | Min 15 hours total | | |
| GEC | 3 | GEC # 10 | | Physics 5700 | 3 | Advanced Lab | | |
| GEC | 3 | GEC # 11 | | GEC | 3 | GEC # 12 | | |
| Free Elect | 4 | | | Phy Elective* | 4 | Required Elect. | | |
| | | | | | | | | |
| Semester Sum | 14 | | | Semester Sum | 16 | | | |

Courses in YELLOW are only offered in the term shown

Lab Courses in BLUE can only be scheduled by Robin Wyatt (wyatt.60@osu.edu)

* Acceptable Physics Electives include: Physics 5501H, 5401H, 3470, 3455H, 5300, 5600, and 68xx
(Note: two physics electives are required in this scenario to make up for Quantum and E&M being taken under quarters instead of semesters.)

Tech Elective : the Applied Physics Option requires a minimum of 15 semester hours in an area chosen by the student and approved by the Undergraduate Studies Committee. These courses can come from a second major.