

B.A in PHYSICS SAMPLE COURSE PLANS

This is a sample course plan based on math placement. Students are strongly encouraged to consult with major advisor for a customized plan.

MATH 009A PLACEMENT

| FALL | WINTER | SPRING |
|------------------------|------------------------|------------------------|
| PHYS 041A (8 UNITS) | PHYS 041B (8 UNITS) | PHYS 041C (8 UNITS) |
| MATH 009A (4 UNITS) | MATH 009B (4 UNITS) | MATH 009C (4 UNITS) |
| PHYS 039 (3 UNITS) | ENGL 001A (4 UNITS) | ENGL 001B (4 UNITS) |
| TOTAL: 15 UNITS | TOTAL: 16 UNITS | TOTAL: 16 UNITS |

TOTAL: 47/180 UNITS

| FALL | WINTER | SPRING |
|--|--|------------------------|
| PHYS 130A (4 UNITS) | PHYS 130B (4 UNITS) | PHYS 132 (4 UNITS) |
| CHEM 001A/LA (5 UNITS) | CHEM 001B/LB (5 UNITS) | CHEM 001C/LC (5 UNITS) |
| MATH 010A (4 UNITS) | MATH 010B (4 UNITS) | MATH 046 (4 UNITS) |
| CS 010A (4 UNITS) OR CS009A (4 UNITS) | WORLD HISTORY 010, 015, OR 020 (4 UNITS) | ENGL 001C (4 UNITS) |
| TOTAL: 17 UNITS | TOTAL: 17 UNITS | TOTAL: 17 UNITS |

TOTAL: 98/180 UNITS

| FALL | WINTER | SPRING |
|--|--|--|
| PHYS 135A (4 UNITS) | PHYS 135B (4 UNITS) | PHYS UPPER DIVISION ELECTIVE (4 UNITS) |
| PHYS 156A (4 UNITS) | PHYS 156B (4 UNITS) | ANTH, SOC, OR PSYC (4 UNITS) |
| FINE ART, LIT, PHIL, OR RLST (4 UNITS) | ECONOMICS OR POLITICAL SCIENCE (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| ADDITIONAL HUMANITIES (4 UNITS) | FINE ART BREADTH (4 UNITS) | |
| TOTAL: 16 UNITS | TOTAL: 16 UNITS | TOTAL: 12 UNITS |

TOTAL: 142/180 UNITS

| FALL | WINTER | SPRING |
|--|-------------------------------|--|
| PHYS UPPER DIVISION ELECTIVE (4 UNITS) | PHYS 142L (4 UNITS) | ADDITIONAL SOCIAL SCIENCE (4 UNITS) |
| PHYS 139L (5 UNITS) | BIOLOGY BREADTH (4 UNITS) | ADDITIONAL SOCIAL SCIENCE #2 (4 UNITS) |
| ETHNIC STUDIES (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| ***FOREIGN LANGUAGE (4 UNITS) | | |
| TOTAL: 17 UNITS | TOTAL: 12 UNITS | TOTAL: 12 UNITS |

TOTAL: 183/180 UNITS

*** Must take Foreign Language Placement Exam to determine placement. Must pass or work up to Level 4 Proficiency.

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MATH 005A PLACEMENT

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|--|--|----------------------------|---------------------------------|
| MATH 005A (5 UNITS) | MATH 0005B (5 UNITS) | MATH 005C (5 UNITS) | CHEM 001C/LC (5 UNITS) |
| PHYS 039 (3 UNITS) | CHEM 001A/LA (5 UNITS) | CHEM 001B/LB (5 UNITS) | ADDITIONAL HUMANITIES (4 UNITS) |
| WORLD HISTORY 010, 015, OR 020 (4 UNITS) | FINE ART, LIT, PHIL, OR RLST (4 UNITS) | ENGL 001C (4 UNITS) | |
| ENGL 001A/LA (4 UNITS) | ENGL 001B (4 UNITS) | FINE ART BREADTH (4 UNITS) | |
| TOTAL: 16 UNITS | TOTAL: 18 UNITS | TOTAL: 18 UNITS | TOTAL: 9 UNITS |

TOTAL:61/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|------------------------------|--|------------------------------|-------------------|
| PHYS 041A (8 UNITS) | PHYS 041B (8 UNITS) | PHYS 041C (8 UNITS) | |
| MATH 010A (4 UNITS) | MATH 010B (4 UNITS) | MATH 046 (4 UNITS) | |
| CS 010A OR CS 009A (4 UNITS) | ECONOMICS OR POLITICAL SCIENCE (4 UNITS) | ANTH, SOC, OR PSYC (4 UNITS) | |
| TOTAL: 16 UNITS | TOTAL: 16 UNITS | TOTAL: 16 UNITS | |

TOTAL:109/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|--------------------------|---------------------------|-------------------------------|-------------------------------|
| PHYS 130A (4 UNITS) | PHYS 130B (4 UNITS) | PHYS 132 (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| PHYS 135A (4 UNITS) | PHYS 135B (4 UNITS) | ELECTIVE (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| ETHNIC STUDIES (4 UNITS) | BIOLOGY BREADTH (5 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) | |
| TOTAL: 12 UNITS | TOTAL: 13 UNITS | TOTAL: 12 UNITS | TOTAL: 8 UNITS |

TOTAL: 154/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|-------------------------------|--|--|-------------------|
| ***FOREIGN LANGUAGE (4 UNITS) | PHYS UPPER DIVISION ELECTIVE (4 UNITS) | ADDITIONAL SOCIAL SCIENCE (4 UNITS) | |
| PHYS 139L (5 UNITS) | PHYS 142L (4 UNITS) | ADDITIONAL SOCIAL SCIENCE #2 (4 UNITS) | |
| PHYS 156A (4 UNITS) | PHYS 156B (4 UNITS) | PHYS UPPER DIVISION ELECTIVE (4 UNITS) | |
| TOTAL: 13 UNITS | TOTAL: 12 UNITS | TOTAL: 12 UNITS | |

TOTAL: 191/180 UNITS

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MATH 006A PLACEMENT

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|--|--|---------------------------------|------------------------|
| MATH 006A (4 UNITS) | MATH 0006B (4 UNITS) | MATH 009A (4 UNITS) | CHEM 001C/LC (5 UNITS) |
| PHYS 039 (3 UNITS) | CHEM 001A/LA (5 UNITS) | CHEM 001B/LB (5 UNITS) | MATH 009B (4 UNITS) |
| WORLD HISTORY 010, 015, OR 020 (4 UNITS) | FINE ART, LIT, PHIL, OR RLST (4 UNITS) | ADDITIONAL HUMANITIES (4 UNITS) | |
| ENGL 001A/LA (4 UNITS) | ENGL 001B (4 UNITS) | ENGL 001C (4 UNITS) | |
| TOTAL: 15 UNITS | TOTAL: 17 UNITS | TOTAL: 17 UNITS | TOTAL: 9 UNITS |

TOTAL:58/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|------------------------------|--|------------------------------|----------------------------|
| PHYS 041A (8 UNITS) | PHYS 041B (8 UNITS) | PHYS 041C (8 UNITS) | MATH 046 (4 UNITS) |
| MATH 009C (4 UNITS) | MATH 010A (4 UNITS) | MATH 010B (4 UNITS) | FINE ART BREADTH (4 UNITS) |
| CS 010A OR CS 009A (4 UNITS) | ECONOMICS OR POLITICAL SCIENCE (4 UNITS) | ANTH, SOC, OR PSYC (4 UNITS) | |
| TOTAL: 16 UNITS | TOTAL: 16 UNITS | TOTAL: 16 UNITS | TOTAL: 8 UNITS |

TOTAL:114/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|--------------------------|---------------------------|-----------------------------------|-------------------------------|
| PHYS 130A (4 UNITS) | PHYS 130B (4 UNITS) | PHYS 132 (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| PHYS 135A (4 UNITS) | PHYS 135B (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| ETHNIC STUDIES (4 UNITS) | BIOLOGY BREADTH (5 UNITS) | PHYS UPPER DIV ELECTIVE (4 UNITS) | |
| TOTAL: 12 UNITS | TOTAL: 13 UNITS | TOTAL: 12 UNITS | TOTAL: 8 UNITS |

TOTAL: 159/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|-------------------------------|--|--|-------------------|
| ***FOREIGN LANGUAGE (4 UNITS) | PHYS UPPER DIVISION ELECTIVE (4 UNITS) | ADDITIONAL SOCIAL SCIENCE #2 (4 UNITS) | |
| PHYS 139L (5 UNITS) | ADDITIONAL SOCIAL SCIENCE (4 UNITS) | **PHYS 142L (4 UNITS) | |
| PHYS 156A (4 UNITS) | PHYS 156B (4 UNITS) | ELECTIVE (4 UNITS) | |
| TOTAL: 13 UNITS | TOTAL: 12 UNITS | TOTAL: 13 UNITS | |

TOTAL: 197/180 UNITS

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MATH 003 PLACEMENT

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|--|--|------------------------|------------------------------------|
| MATH 003 (3 UNITS) | MATH 0006A (4 UNITS) | MATH 006B (4 UNITS) | MATH 009A (4 UNITS) (SESSION A) |
| PHYS 039 (3 UNITS) | ADDITIONAL HUMANITIES (4 Units) | CHEM 001A/LA (5 UNITS) | CHEM 001B/LB (5 UNITS) (SESSION A) |
| WORLD HISTORY 010, 015, OR 020 (4 UNITS) | FINE ART, LIT, PHIL, OR RLST (4 UNITS) | ENGL 001C (4 UNITS) | MATH 009B (4 UNITS) (SESSION B) |
| ENGL 001A/LA (4 UNITS) | ENGL 001B (4 UNITS) | | |
| TOTAL: 14 UNITS | TOTAL: 16 UNITS | TOTAL: 13 UNITS | TOTAL: 13 UNITS |

TOTAL: 56/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|------------------------------|--|------------------------------|------------------------------------|
| PHYS 041A (8 UNITS) | PHYS 041B (8 UNITS) | PHYS 041C (8 UNITS) | MATH 046 (4 UNITS) (SESSION A) |
| MATH 009C (4 UNITS) | MATH 010A (4 UNITS) | MATH 010B (4 UNITS) | CHEM 001C/LC (5 UNITS) (SESSION B) |
| CS 010A OR CS 009A (4 UNITS) | ECONOMICS OR POLITICAL SCIENCE (4 UNITS) | ANTH, SOC, OR PSYC (4 UNITS) | |
| TOTAL: 16 UNITS | TOTAL: 16 UNITS | TOTAL: 16 UNITS | TOTAL: 9 UNITS |

TOTAL:113/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|--------------------------|---------------------------|-----------------------------------|-------------------------------|
| PHYS 130A (4 UNITS) | PHYS 130B (4 UNITS) | PHYS 132 (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| PHYS 135A (4 UNITS) | PHYS 135B (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) | ***FOREIGN LANGUAGE (4 UNITS) |
| ETHNIC STUDIES (4 UNITS) | BIOLOGY BREADTH (5 UNITS) | PHYS UPPER DIV ELECTIVE (4 UNITS) | |
| TOTAL: 12 UNITS | TOTAL: 13 UNITS | TOTAL: 12 UNITS | TOTAL: 8 UNITS |

TOTAL: 158/180 UNITS

| FALL | WINTER | SPRING | SUMMER (OPTIONAL) |
|-------------------------------|--|--|-------------------|
| ***FOREIGN LANGUAGE (4 UNITS) | PHYS UPPER DIVISION ELECTIVE (4 UNITS) | PHYS 142L (4 UNITS) | |
| PHYS 139L (5 UNITS) | ADDITIONAL SOCIAL SCIENCE (4 UNITS) | ADDITIONAL SOCIAL SCIENCE #2 (4 UNITS) | |
| PHYS 156A (4 UNITS) | PHYS 156B (4 UNITS) | FINE ART BREADTH (4 UNITS) | |
| TOTAL: 13 UNITS | TOTAL: 13 UNITS | TOTAL: 12 UNITS | |

Total: 196/180 UNITS

*** Must take Foreign Language Placement Exam to determine placement. Must pass or work up to Level 4 Proficiency.