

2017-18 Catalog Year



**PHYS 202** 

**PHYS 231** 

**PHYS 232** 

General Physics II

University Physics I University Physics II

| COMMUNI                           |                                                                         | Math, Natura         | al Science, or Technology Elective Options               |  |  |
|-----------------------------------|-------------------------------------------------------------------------|----------------------|----------------------------------------------------------|--|--|
| ENGL 101                          | Composition and Rhetoric                                                | BUSI 201             | Intermediate Business Computer                           |  |  |
| Communica                         | tions Elective Options                                                  |                      | Applications                                             |  |  |
| COMS 101                          | Speech Communication                                                    | MATH 115             | Mathematics for Liberal Arts                             |  |  |
| ENGR 270                          | Technical Communication                                                 | MATH 116             | Logic and Social Reasoning                               |  |  |
| SCOM 110                          | Media & Culture AND                                                     | MATH 117             | Elements of Mathematics                                  |  |  |
| BCOM 110                          | SCOM 226: Interpersonal & Group                                         | MATH 121             | College Algebra                                          |  |  |
|                                   | Communication                                                           | MATH 122             | Trigonometry                                             |  |  |
| Communication                     |                                                                         | MATH 125             | Finite Mathematics                                       |  |  |
| MATHEMATICS, SCIENCE & TECHNOLOGY |                                                                         | MATH 126             | Elem. Calculus for Business & Science                    |  |  |
| BIOL 103                          | Principles of Biology Lab (1 hr)                                        | MATH 128             | Elem. Functions & Coordinate Geometry                    |  |  |
| BIOL 104                          | Principlies of Human Biology Lab (1 hr)                                 | MATH 130             | Advanced Technical Mathematics                           |  |  |
| ENVR 221                          | Physical Geology Lab (1 hr)                                             | MATH 131             | Calculus & Analytical Geometry I                         |  |  |
| PHSC 122                          | Elements of Astronomy Lab (1 hr)                                        | MATH 132             | Calculus & Analytical Geometry II                        |  |  |
| PHSC 211                          | Elements of Fastronomy East (1 hr) Elements of Earth Science Lab (1 hr) | MATH 201             | Introduction to Probability and Statistics <sup>2</sup>  |  |  |
| PHYS 203                          | Elements of Physics Lab (1 hr) <sup>1</sup>                             | MATH 211             | Introduction to Statistical Analysis                     |  |  |
| 11115 205                         | Elements of Thysics Lab (Till)                                          | MATH 217             | Elementary Geometry                                      |  |  |
| Math Electiv                      | vo Ontions                                                              | MATH 227             | Number Systems & Geometry                                |  |  |
|                                   | Mathematics for Liberal Arts                                            | BIOL 101             | Principles of Biology                                    |  |  |
| MATH 116                          |                                                                         | BIOL 101             | Principles of Human Biology                              |  |  |
|                                   | Logic and Social Reasoning Elements of Mathematics                      | BIOL 203             | Introduction to Microbiology                             |  |  |
| MATH 117                          |                                                                         |                      |                                                          |  |  |
| MATH 121                          | College Algebra                                                         | DIOL 213-21          | 6 Human Anatomy & Physiology I/II, Lab I/II <sup>3</sup> |  |  |
| MATH 122                          | Trigonometry                                                            | DIOL 224             |                                                          |  |  |
| MATH 125                          | Finite Mathematics                                                      | BIOL 224             | General Biology                                          |  |  |
| MATH 126                          | Elem. Calculus for Business & Science                                   | CHEM 105             | Elements of General Chemistry                            |  |  |
| MATH 128                          | Elem. Functions & Coordinate Geometry                                   | CHEM 107             | Essentials of General & Organic                          |  |  |
| MATH 130                          | Advanced Technical Mathematics                                          | CITED 6 404          | Chemistry                                                |  |  |
| MATH 131                          | Calculus & Analytical Geometry I                                        | CHEM 121             | General Chemistry I                                      |  |  |
| MATH 132                          | Calculus & Analytical Geometry II                                       | CHEM 122             | General Chemistry II                                     |  |  |
| MATH 201                          | Introduction to Probability and Statistics <sup>2</sup>                 | ENVR 215             | Principles of Environmental Science                      |  |  |
| MATH 211                          | Introduction to Statistical Analysis                                    | ENVR 220             | Physical Geology                                         |  |  |
| MATH 217                          | Elementary Geometry                                                     | PHSC 121             | Introduction to Astronomy                                |  |  |
| MATH 227                          | Number Systems & Geometry                                               | PHSC 210             | Elements of Earth Science                                |  |  |
| Natural Scie                      | ence Elective Options                                                   | PHYS 101             | Elements of Physics I                                    |  |  |
| BIOL 101                          | Principles of Biology                                                   | PHYS 201             | General Physics I                                        |  |  |
| BIOL 101                          | Principles of Human Biology                                             | PHYS 202             | General Physics II                                       |  |  |
| BIOL 203                          | Introduction to Microbiology                                            | PHYS 231             | University Physics I                                     |  |  |
|                                   | 6 Human Anatomy & Physiology I/II, Lab                                  | PHYS 232             | University Physics II                                    |  |  |
| DIOL 213-21                       | I/II <sup>3</sup>                                                       | INFORMATION LITERACY |                                                          |  |  |
| BIOL 224                          | General Biology                                                         |                      | a Elective Options                                       |  |  |
| CHEM 105                          | Elements of General Chemistry                                           | ARTS 209             | Art as Communication                                     |  |  |
|                                   |                                                                         | ENGL 102             | Composition and Literature                               |  |  |
| CHEM 107                          | Essentials of General & Organic                                         | MUSC 200             | Music, Art, Worship & Culture                            |  |  |
| CHEM 121                          | Chemistry Consort Chamistry I                                           | MUSC 200             | Music, Art, Worship & Culture                            |  |  |
| CHEM 121                          | General Chemistry I                                                     | History Elec         | tives Options                                            |  |  |
| CHEM 122                          | General Chemistry II                                                    | HIEU 201             | History of Western Civilization I                        |  |  |
| ENVR 215                          | Principles of Environmental Science                                     | HIEU 202             | History of Western Civilization II                       |  |  |
| ENVR 220                          | Physical Geology                                                        | HIUS 221             | Survey of American History I <b>OR</b>                   |  |  |
| PHSC 121                          | Introduction to Astronomy                                               | HIUS 223             | Survey of American History I (on-site)                   |  |  |
| PHSC 210                          | Elements of Earth Science                                               | HIUS 222             | Survey of American History II                            |  |  |
| PHYS 101                          | Elements of Physics I                                                   | <del></del>          | ,                                                        |  |  |
| PHYS 201                          | General Physics I                                                       |                      |                                                          |  |  |
| PHYS 202                          | General Physics II                                                      |                      |                                                          |  |  |

Revised 9.2.2020 1

| CRITICAL THINKING    |                                                | Language Elective Options |                                         |
|----------------------|------------------------------------------------|---------------------------|-----------------------------------------|
| GLST 290             | Cultural Anthropology                          | ASLI                      | American Sign Language                  |
| PHIL 201             | Philosophy & Contemporary Ideas                | CGRM                      | Conversational German                   |
| 11112 201            | i missophy ee comemperary racus                | CHIN                      | Chinese                                 |
| Literature           | Elective Options                               | CSPA                      | Conversational Spanish                  |
| ARTS 205             | 20 <sup>th</sup> -21 <sup>st</sup> Century Art | FREN                      | French                                  |
| ARTS 214             | Art, Culture & Technology                      | GREK                      | Greek                                   |
| ENGL 201             | American Literature I                          | GRMN                      | German                                  |
| ENGL 201             | American Literature II                         | HBRW                      | Hebrew                                  |
|                      | English Literature I                           | RUSS                      | Russian                                 |
|                      | English Literature II                          | SPAN                      | Spanish                                 |
| ENGL 210<br>ENGL 221 | World Literature I                             | SIAN                      | Spanish                                 |
|                      | World Literature II                            | LIBERAL                   | ARTS FOCUS <sup>4</sup>                 |
| ENGL 222             |                                                | Language <sup>5</sup>     |                                         |
| MUSC 213             | Survey of Popular/Jazz Music Lit               | ASLI                      | American Sign Language                  |
| MUSC 314             |                                                | CHIN                      | Chinese                                 |
| MUSC 371             | Survey of Songwriting Literature               | FREN                      | French                                  |
| Social Scien         | nce Elective Options                           | GREK                      | Greek                                   |
| GOVT 200             | Constitutional Gov't. & Free Enterprise        | GRMN                      | German                                  |
| (SBS)                | 1                                              | HBRW                      | Hebrew                                  |
| PSYC 101             | General Psychology                             | SPAN                      | Spanish                                 |
| PSYC 210             | Developmental Psychology                       |                           | of the contract                         |
| SOCI 200             | Introduction to Sociology                      | Integrative               | Courses                                 |
| SOCI 201             | Social Problems                                |                           | Biblical Worldview Seminar              |
| 5001201              | Social Floorenis                               | CINE 340                  |                                         |
| Cultural St          | udies Elective Options                         | CSTU 301                  | <i>C</i> ,                              |
| APOL 201             | Apologetics & Cultural Engagement              | CSTU 310                  |                                         |
| ARTS 105             | Art Appreciation                               | ENGL 405                  | <u> </u>                                |
| CINE 101             | Cinematic Arts Appreciation I                  | ENGL 442                  |                                         |
| CSTU 101             | Western Culture <b>OR</b>                      | ENGL 460                  |                                         |
| CSTU 10              |                                                | ENGL 462                  | Religious Issues in Dramatic Literature |
|                      | Music Appreciation                             | ETHM 411                  | Music & Culture                         |
|                      | Music History (Antiquity-1750)                 | GEOG 410                  | Global Issues in Geography              |
|                      | Music History (Since 1750)                     | HIEU 466                  | Renaissance & Reformation Europe        |
|                      | History of Music & Worship                     | HIUS 466                  | Reagan's America                        |
| THEA 101             | Theatre Appreciation                           | HLTH 400                  | Contemporary Health Issues              |
| IIILA 101            | meant Appreciation                             | INDS 499                  | Washington Fellowship Seminar           |
|                      |                                                | MUSC 424                  |                                         |
|                      |                                                | NASC 315                  |                                         |
|                      |                                                |                           | Environmental Science                   |
|                      |                                                | PHIL 429                  | The Thought of St. Augustine            |
|                      |                                                | PHIL 465                  | The Thought of L.P. P. Tellian          |
|                      |                                                | PHIL 468                  | The Thought of J.R.R. Tolkien           |
|                      |                                                | PHSC 310                  | Astronomy: An Integrated Approach       |
|                      |                                                | SPAN 324                  | Christianity in Latin America           |
|                      |                                                | THEO 324                  | Theology of Suffering & Disability      |
|                      |                                                | THEO 340                  | Theology & Politics                     |
|                      |                                                |                           |                                         |

## Notes

<sup>1</sup>SCOM 110 and 226 must both be completed in order for these courses to fulfill the Communication Elective.

<sup>2</sup>MATH 201 is cross-listed with BUSI 230.

<sup>3</sup>Students must take BIOL 213, 214, 215 and 216 in order to apply these courses to the Natural Science Elective and the Math, Natural Science or Technology Elective.

<sup>4</sup>Choose from 100-200 level courses unless otherwise specified.

<sup>5</sup>Liberal Arts Focus is required in Bachelor of Arts Degrees.

<sup>6</sup>Choose from 100-400 level courses unless otherwise specified

<sup>7</sup>Course currently offered in online format only.

Revised 9.2.2020 2