

# Suggested Arrangement of Courses, Chemistry (BA)

| Requirements                                         |                                                                                | Hours |
|------------------------------------------------------|--------------------------------------------------------------------------------|-------|
| <b>1st Semester</b>                                  |                                                                                |       |
| CH 301C                                              | Foundations of Chemistry I (Core, Major) <sup>030</sup>                        | 3     |
| M 408N                                               | Differential Calculus for Science (Core) <sup>020</sup>                        | 4     |
| or M 408C                                            | Differential and Integral Calculus                                             |       |
| RHE 306                                              | Rhetoric and Writing (Core) <sup>010</sup>                                     | 3     |
| Visual and Performing Arts (Core) <sup>050</sup>     |                                                                                | 3     |
| UGS 302                                              | First-Year Signature Course (Core) <sup>090</sup>                              | 3     |
| or UGS 303                                           | First-Year Signature Course                                                    |       |
| <b>2nd Semester</b>                                  |                                                                                |       |
| CH 302C                                              | Foundations of Chemistry II (Major) <sup>030</sup>                             | 3     |
| CH 204                                               | Introduction to Chemical Practice (Major)                                      | 2     |
| or CH 317                                            | Descriptive Inorganic Chemistry                                                |       |
| M 408S                                               | Integral Calculus for Science (Major)                                          | 4     |
| or M 408N                                            | Differential Calculus for Science                                              |       |
| Social and Behavioral Sciences (Core) <sup>080</sup> |                                                                                | 3     |
| U.S. History Core <sup>060</sup>                     |                                                                                | 3     |
| <b>3rd Semester</b>                                  |                                                                                |       |
| CH 328M & CH 128K                                    | Organic Chemistry I and Organic Chemistry Laboratory (Major)                   | 4     |
| or CH 320M                                           | Organic Chemistry I                                                            |       |
| PHY 301 & PHY 101L                                   | Mechanics and Laboratory for Physics 301 (Core) <sup>030</sup>                 | 4     |
| GOV 310L                                             | American and Texas Government (Core) <sup>070</sup>                            | 3     |
| Foreign Language (General Education)                 |                                                                                | 5     |
| <b>4th Semester</b>                                  |                                                                                |       |
| CH 328N & CH 128K                                    | Organic Chemistry II and Organic Chemistry Laboratory (Major)                  | 4     |
| or CH 320N & CH 220C                                 | Organic Chemistry II and Organic Chemistry Laboratory                          |       |
| PHY 316 & PHY 116L                                   | Electricity and Magnetism and Laboratory for Physics 316 (Core) <sup>030</sup> | 4     |
| Foreign Language (General Education)                 |                                                                                | 5     |
| <b>5th Semester</b>                                  |                                                                                |       |
| CH 353                                               | Physical Chemistry I (Major)                                                   | 3     |
| BIO, Math, or PHY course (Major)                     |                                                                                | 3     |
| Foreign Language (General Education)                 |                                                                                | 3     |
| E 316L                                               | British Literature (Core) <sup>040</sup>                                       | 3     |
| or E 316M                                            | American Literature                                                            |       |
| or E 316N                                            | World Literature                                                               |       |

|                                                                               |                                                                  |            |
|-------------------------------------------------------------------------------|------------------------------------------------------------------|------------|
| or E 316P                                                                     | Masterworks of Literature                                        |            |
| <b>6th Semester</b>                                                           |                                                                  |            |
| CH 153K                                                                       | Physical Chemistry Laboratory (Major)                            | 1          |
| CH 354                                                                        | Quantum Chemistry and Spectroscopy (Major)                       | 3          |
| Foreign Language (General Education)                                          |                                                                  | 3          |
| GOV 312L                                                                      | Issues and Policies in American Government (Core) <sup>070</sup> | 3          |
| Free elective (Elective)                                                      |                                                                  | 3          |
| Free elective (Elective)                                                      |                                                                  | 3          |
| <b>7th Semester</b>                                                           |                                                                  |            |
| CH 154K                                                                       | Physical Chemistry Laboratory (Major)                            | 1          |
| CH 456                                                                        | Analytical Chemistry (Major)                                     | 4          |
| BIO, Math, or PHY course (Major)                                              |                                                                  | 3          |
| Social Science course (General Education)                                     |                                                                  | 3          |
| U.S. History (Core) <sup>060</sup>                                            |                                                                  | 3          |
| Free elective (Elective)                                                      |                                                                  | 3          |
| <b>8th Semester</b>                                                           |                                                                  |            |
| CH 376K                                                                       | Advanced Analytical Chemistry (Major)                            | 3          |
| BIO, Math, or PHY course (Major)                                              |                                                                  | 3          |
| BIO, Math, or PHY course (Major)                                              |                                                                  | 3          |
| Cultural Expression, Human Expression, and Thought course (General Education) |                                                                  | 3          |
| Free elective (Elective)                                                      |                                                                  | 3          |
| <b>Total Hours</b>                                                            |                                                                  | <b>120</b> |

*Four-year degree suggestion (for planning purposes only).*

*Currently enrolled students should meet with their academic advisor.*

Course categories: Core, General Education<sup>†</sup>, Major, Elective, Opportunity

Core Component Areas: <sup>010</sup> Communication; <sup>020</sup> Mathematics; <sup>030</sup> Natural Science and Technology, Part I; <sup>040</sup> Humanities; <sup>050</sup> Visual and Performing Arts; <sup>060</sup> U.S. History; <sup>070</sup> American and Texas Government; <sup>080</sup> Social and Behavioral Sciences; <sup>090</sup> First-Year Signature Course; <sup>093</sup> Natural Science and Technology, Part II

Undergraduate Degree Program listing

<sup>†</sup> Effective April 2025, UT Austin no longer requires Skills and Experience flags.