

Academic Roadmap



Associate of Science to Bachelor of Science in Biology, Chemistry Minor

The following academic agreement program helps graduates of Harper College transfer to Roosevelt University to complete their bachelor's degree. Students can finish the Harper College Associate of Science degree in Biological Sciences and transfer to Roosevelt University to finish a Roosevelt Bachelor of Science degree in Biology with a Chemistry minor in a total of four years. Those students transferring an AS degree have completed all of the Roosevelt University general education core requirements. No other general education courses will need to be completed unless they are a pre-requisite to the student's major.

| 4 - Year Suggested Academic Plan | | | | | |
|---|--|---|---|---|---|
| First Year (Freshman) | | | | | |
| Fall Semester (Harper College) | | | Spring Semester (Harper College) | | |
| Harper College | Course Name/Type | | Harper College | Course Name/Type | |
| ENG 101 | Composition I | 3 | ENG 102 | Composition II | 3 |
| MTH 103 [^] | College Algebra | 3 | MTH 140 [^] | Pre-calculus | 5 |
| Humanities/Fine Arts | Choose applicable courses in Harper Catalog | 3 | Social/Behavioral | Choose applicable courses in Harper Catalog | 3 |
| BIO 115 [^] | Fundamentals of Cellular Biology | 4 | BIO 116 [^] | Fundamentals of Organismal Biology | 4 |
| Social/Behavioral | Choose applicable courses in Harper Catalog | 3 | Humanities/Fine Arts | Choose applicable courses in Harper Catalog | 3 |
| Second Year (Sophomore) | | | | | |
| Fall Semester (Harper College) | | | Spring Semester (Harper College) | | |
| Harper College | Course Name/Type | | Harper College | Course Name/Type | |
| MTH 200 [^] | Calculus with Analytic Geometry I | 5 | MTH 201 [^] | Calculus with Analytic Geometry II | 5 |
| SPE 101 | Fundamentals of Speech Communication | 3 | CHM 122 [^] | General Chemistry II | 5 |
| CHM 121 [^] | General Chemistry I | 5 | Major Discipline and Transfer Electives | CSC 121 or Research Courses recommended | 3 |
| Major Discipline and Transfer Electives | CSC 121 or Research Courses recommended | 3 | MTH 165 [^] | Elementary Statistics | 4 |
| Completion of AS - Transition to Roosevelt University | | | | | |
| Third Year (Junior) | | | | | |
| Fall Semester (Roosevelt University) | | | Spring Semester (Roosevelt University) | | |
| Roosevelt | Course Name/Type | | Roosevelt | Course Name/Type | |
| TRS 101* | Transfer Success Course | 1 | LIBS 201 | Writing Social Justice | 3 |
| CHEM 211 [^] | Organic Chemistry I | 5 | CHEM 212 [^] | Organic Chemistry II | 5 |
| BIOL Elective | See RU Advisor for Options | 3 | BIOL 301 [^] | Cellular & Molecular Biology | 5 |
| LIBS 201 | Writing Social Justice | 3 | BIOL Elective | See RU Advisor for Options | 3 |
| Fourth Year (Senior) | | | | | |
| Fall Semester (Roosevelt University) | | | Spring Semester (Roosevelt University) | | |
| Roosevelt | Course Name/Type | | Roosevelt | Course Name/Type | |
| CHEM 237 OR 313 [^] | Quantitative Chemistry or Advanced Organic Chemistry | 5 | BIOL/BCHM Elective | See RU Advisor for Options | 5 |
| BIOL Elective | Lab course beyond BIOL 301 | 5 | BIOL/BCHM Elective | See RU Advisor for Options | 5 |
| BIOL/BCHM Elective | See RU Advisor for Options | 3 | | | |
| PHYS 231 [^] | Introduction to Calculus-Based Physics I | 5 | PHYS 232 [^] | Introduction to Calculus-Based Physics II | 5 |

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Revised July 2018

*TRS 101 - Transfer Success Course (waived with transfer of 90 credit hours or more)

*Core Experiential Learning Course - Determined by Major

[^]=Grade of C- or better required

Please note that with the transfer of an AA or AS degree all Roosevelt University general education core requirements are completed unless a pre-requisite general education course is needed for the major.

Roosevelt University will accept a maximum of 70 credit hours in transfer.

ENG, MTH 140, BIO AND CHM are required core courses for Roosevelt; Schaumburg campus transfers also require MTH 140+ and Humanities/Social Science general education credits.