First two tables: list **all planned courses** for the coming semester and summer (NCSU + UNC campuses). Bottom table: list **only UNC courses.**

|  |
| --- |
| **NCSU Biomedical Engineering Curriculum Degree Audit** |
| **First Name** Type here. | **Last Name** Type here. |
| **NCSU Student ID** Type here. | **UNC PID** Type here. |
| **Email** Click or tap here to enter text. |
| **Classification** [ ]  First Year [ ]  Sophomore [ ]  Junior [ ]  Senior |
| **Expected Graduation Year** Type here. | **Semester** | [ ]  Spring | [ ]  Fall | [ ]  Summer |
| **BME Specialization** Select. | **Optional 2nd BME Specialization** Select. |
| **Second Major** Type here. | **Minor(s)** Type here. |
| **Pre-Health** [ ] Yes [ ]  No*(Pre-Med, Pre-Dental, etc...)* | **Study Abroad or Co-Ops** [ ] Yes [ ]  No***If yes, semester?*** Type here. |
| *(Meet with an Advisor as early as possible.)* |

|  |  |  |
| --- | --- | --- |
| **Schedule for:** [ ]  **Fall** [ ]  **Spring Year:**  Type here. |  | **Schedule for:** [ ]  **Summer I** |
| **Campus** | **Course** | **Credits** |  | **Course** | **Credits** |
| Select. | Type here. | Type here. |  | Type here. | Type here. |
| Select. | Type here. | Type here. |  | Type here. | Type here. |
| Select. | Type here. | Type here. |  | Type here. | Type here. |
| Select. | Type here. | Type here. |  | **Schedule for:** [ ]  **Summer II** |
| Select. | Type here. | Type here. |  | Type here. | Type here. |
| Select. | Type here. | Type here. |  | Type here. | Type here. |
| Select. | Type here. | Type here. |  | Type here. | Type here. |

|  |  |  |  |
| --- | --- | --- | --- |
| **UNC Courses** | **Section** | **Approved as a Substitute for** | **Fall/Spring/Summer** |
| Type here. | Type here. | Type here. | Select. |
| Type here. | Type here. | Type here. | Select. |
| Type here. | Type here. | Type here. | Select. |
| Type here. | Type here. | Type here. | Select. |
| Type here. | Type here. | Type here. | Select. |

I understand what courses I must take to complete the requirements for a BME degree and will register for the courses listed for the next semester. I will discuss my degree audit and progress towards a degree with an advisor. If for any reason my plan for next semester changes, I will amend and resubmit this form to my advisor.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type here. | Click here. |  | Type here. | Click here. |
| Student’s Signature | Date |  | Advisor’s Signature | Date |

**Engineering Fundamentals & Sophomore BME Courses**

|  |  |  |
| --- | --- | --- |
| **Course** | **Completed****(or currently enrolled)** | **Or planned:** |
|  |  | **Semester** | **Year** |
| MA  | 242 | Calculus III  |[ ]  Select. | Type here. |
| MA  | 341 */* 331  | Diff Equations  |[ ]  Select. | Type here. |
| PY | 208/209  | Physics for Engr & Sc II and Lab  |[ ]  Select. | Type here. |
| BIO  | 183  | Intro Biology: Cellular & Molecular  |[ ]  Select. | Type here. |
| CH  | 201/202  | Chemistry: A Quantitative Science2 / Lab2  |[ ]  Select. | Type here. |
| CH  | 221/222  | Organic Chemistry I and Lab  |[ ]  Select. | Type here. |
| BME | 201 | Computer Methods in BME |[ ]  **FALL** | Type here. |
| BME  | 205 | Intro to Biomedical Mechanics |[ ]  Select. | Type here. |
| BME  | 207 | Biomedical Electronics |[ ]  **FALL** | Type here. |
| BME | 209 | Intro to Mat Sci of Biomaterials  |[ ]  Select. | Type here. |
| BME  | 298  | BME Design and Manufacturing I  |[ ]  Select. | Type here. |

**Junior Year BME Courses (**[**Gateway**](https://drive.google.com/file/d/1YIQB-Y2dfMAA5C6aVCZknci7MhuIV-Ye/view?usp=sharing) **&** [**STEM**](https://docs.google.com/spreadsheets/d/1cm9VQQeoFE7yuMmbzJl1NICmR-P3J_iQ-zkjrI6XETQ/edit#gid=0) **Elective Guidance)**

|  |  |  |
| --- | --- | --- |
| **Course** | **Completed****(or currently enrolled)** | **Or planned:** |
|  |  | **Semester** | **Year** |
| BME  | 301  | Human Physiology: Electrical Anlys  |[ ]  **FALL** | Type here. |
| BME | 302  | Human Physiology: Mechanical Anlys  |[ ]  Select. | Type here. |
| BME | 398 | BME Design and Manufacturing II |[ ]  Select. | Type here. |
| Type here. | Type here. | Gateway Elective 1 1 |[ ]  Select. | Type here. |
| Type here. | Type here. | Gateway Elective 2 |[ ]  Select. | Type here. |
| Type here. | Type here. | Gateway Elective 3 |[ ]  Select. | Type here. |
| Type here. | Type here. | STEM Elective 2 |[ ]  Select. | Type here. |

1. Gateway electives should be chosen to satisfy the Specialty Electives of interest.

2. Choose a 4th Gateway, a 5th Specialty or another 300-level or higher science or engineering course; get permission if course is not on the [list](https://docs.google.com/spreadsheets/d/1cm9VQQeoFE7yuMmbzJl1NICmR-P3J_iQ-zkjrI6XETQ/edit#gid=0). If using BCH 351 as one of the three Gateway Electives, the STEM elective must be an Engineering class.

**Senior Year BME Courses (**[**Specialty Elective**](https://drive.google.com/file/d/1YHgZ-h8amKxWtFwN0LrW95KIGh6cj45k/view?usp=sharing) **Guidance)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **Area** | **Completed****(enrolled)** | **Or planned:** |
|  |  |  | **Semester** | **Year** |
| PHI | 325 | Biomedical Ethics (GEP IP) |[ ]  Select. | Type here. |
| BME | 451 | Senior Design I |  |[ ]  Select. | Type here. |
| BME | 452 | Senior Design II |  |[ ]  Select. | Type here. |
| Type here. | Type here. | BME Specialty Elective 1 1 | Select. |[ ]  Select. | Type here. |
| Type here. | Type here. | BME Specialty Elective 2 | Select. |[ ]  Select. | Type here. |
| Type here. | Type here. | BME Specialty Elective 3 | Select. |[ ]  Select. | Type here. |
| Type here. | Type here. | BME Specialty Elective 4 | Select. |[ ]  Select. | Type here. |

1. Students must complete four Specialty Electives from one or two of the Specialization Areas.

**General Education Program Requirements (**[**GEP**](https://oucc.dasa.ncsu.edu/courses/general-education-program/) **Guidance)**

|  |  |  |
| --- | --- | --- |
| **Additional Courses1** | **Completed** | **In Progress** |
| Humanities (2), Social Sciences (2), Additional Breadth (1), Interdisciplinary Perspectives (2), Health & Exercise Studies (2), USD & GK Co-requisites, Foreign Language |[ ] [ ]

1. Check your Degree Audit in MyPack along with the GEP Guidance to ensure that selected courses fulfill GEP requirements.