### General Education Requirements

**Course Name** | **University Requirement Area** | **Credits** | **Semester** | **Grade**  
--- | --- | --- | --- | ---  
SCI 101 or Equivalent  | First Year Seminar (FYS)  | 2  |  |  
SCI 201 or Equivalent  | Second Year Seminar (SY1); ENG 231 is also recommended  | 3  |  |  
ENG 101 or Equivalent  | General English; ENG 113 or ENG 110E/F are also equivalent  | 3  |  |  
ENG 102 or Equivalent  | General English II; ENG 114 is also equivalent  | 3  |  |  

- **UR Constitution:**  
  - NV Constitution  
  - Humanities (two different areas)  
  - Fine Arts  
  - Social Science (three different areas)  
  - Social Science (three different areas)  
  - Multicultural  
  - International  

- **STEM Credits:**  
  - STEM Elective  
  - STEM Elective  
  - STEM Elective  
  - STEM UD Elective**  
  - STEM UD Elective**  

### Physics Core Requirements*

**Course Name** | **Course Pre-Requisites** | **Credits** | **Semester** | **Grade**  
--- | --- | --- | --- | ---  
PHYS 180  | C or better in MATH 181; Co-req. of PHYS 180L  | 3  |  |  
PHYS 180L  | Co-req. of PHYS 180  | 1  |  |  
PHYS 181  | C or better in MATH 182 and PHYS 180  | 3  |  |  
PHYS 181L  | Co-req. of PHYS 181  | 1  |  |  
PHYS 182  | C or better in MATH 182 and PHYS 180  | 3  |  |  
PHYS 182L  | Co-req. of PHYS 182  | 1  |  |  
PHYS 411  | C or better in PHYS 181, 181L, 182L & 182  | 3  |  |  
PHYS 413  | Co-req. of PHYS 411  | 3  |  |  
PHYS 414  | PHYS 413  | 3  |  |  
PHYS 421  | C or better in PHYS 181  | 3  |  |  
PHYS 422  | C or better in PHYS 421  | 3  |  |  
PHYS 423  | C or better in PHYS 180  | 3  |  |  
PHYS 424  | C or better in PHYS 423  | 3  |  |  
PHYS 467  | PHYS 182  | 3  |  |  
PHYS 481  | C or better in PHYS 422 & 424  | 3  |  |  
PHYS 493  | 9 crd. of UD PHYS & instructor consent; visit PHYS dept. for details  | 3  |  |  

### Physics UD Elective Requirements**

**Course Name** | **Course Pre-Requisites** | **Credits** | **Semester** | **Grade**  
--- | --- | --- | --- | ---  
PHYS UD  | 300 level or higher; prerequisites depend on course selected  |  |  |  
PHYS UD  | 300 level or higher; prerequisites depend on course selected  |  |  |  

### STEM Elective Requirements**

**Course Name** | **Course Pre-Requisites** | **Credits** | **Semester** | **Grade**  
--- | --- | --- | --- | ---  
PHYS 180  | C or better in MATH 181; Co-req. of PHYS 180L  | 3  |  |  
PHYS 180L  | Co-req. of PHYS 180  | 1  |  |  
PHYS 181  | C or better in MATH 182 and PHYS 180  | 3  |  |  
PHYS 181L  | Co-req. of PHYS 181  | 1  |  |  
PHYS 182  | C or better in MATH 182 and PHYS 180  | 3  |  |  
PHYS 182L  | Co-req. of PHYS 182  | 1  |  |  
PHYS 411  | C or better in PHYS 181, 181L, 182L & 182L  | 3  |  |  
PHYS 413  | Co-req. of PHYS 411  | 3  |  |  
PHYS 414  | PHYS 413  | 3  |  |  
PHYS 421  | C or better in PHYS 181  | 3  |  |  
PHYS 422  | C or better in PHYS 421  | 3  |  |  
PHYS 423  | C or better in PHYS 180  | 3  |  |  
PHYS 424  | C or better in PHYS 423  | 3  |  |  
PHYS 467  | PHYS 182  | 3  |  |  
PHYS 481  | C or better in PHYS 422 & 424  | 3  |  |  
PHYS 493  | 9 crd. of UD PHYS & instructor consent; visit PHYS dept. for details  | 3  |  |  

### Science Requirements****

**Course Name** | **Course Pre-Requisites** | **Credits** | **Semester** | **Grade**  
--- | --- | --- | --- | ---  
MATH 181  | Placement or C or better in MATH 127 or 128  | 4  |  |  
MATH 182  | C or better in MATH 181  | 4  |  |  
MATH 283  | C or better in MATH 182  | 4  |  |  
CHEM 121A  | Placement or C or better in CHEM 103; Co-req. of MATH 126 or higher; Co-req of PHYS 111 if first attempt  | 3  |  |  
CHEM 121B  | C or better in CHEM 121A; MATH 126 or higher; Co-req. of CHEM 121B if first attempt  | 3  |  |  
CHEM 122L  | Placement or C or better in CHEM 103; Co-req. of MATH 126 or higher; Co-req of PHYS 111 if first attempt  | 3  |  |  

### Additional Electives (If Needed for University Requirements)

**Course Name** | **University Requirement Area** | **Credits** | **Semester** | **Grade**  
--- | --- | --- | --- | ---  
Elective  |  |  |  |  
Elective  |  |  |  |  
Elective  |  |  |  |  
Elective  |  |  |  |  

### University Credits Remaining

- **Total Degree:** 4-Year Institution: Upper-Division:  
- **Resident:**  
- **Fall 2020:** 0 crd.  
- **Spring 2021:** 0 crd.  
- **Fall 2021:** 0 crd.  
- **Spring 2022:** 0 crd.  
- **Fall 2022:** 0 crd.  
- **Spring 2023:** 0 crd.  
- **Fall 2023:** 0 crd.  
- **Spring 2024:** 0 crd.  
- **Fall 2024:** 0 crd.  
- **Spring 2025:** 0 crd.  
- **Fall 2025:** 0 crd.  

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**Notes:**
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**Advising Center:** 702-895-2077 ● MPE-A 130 ● unlv.edu/sciences/advising ● sci.advising@unlv.edu

**Appointment Notes:**

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**Prepared on 5/13/2020**