



Planning for School of Natural Sciences

Fall 2015 – Spring 2016

Natural Science: ns-advising.ucmerced.edu & prehealth.ucmerced.edu

Class Schedule: registrar.ucmerced.edu/go/schedule

This is an unofficial document.

| Graduation Requirements | Met | Fall | Spring | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------|--------------|--------------|--------------------------|--------------|------------|--------------------------|--|--|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Minimum Unit Requirement: 120 total units | | | | | | | | | | | | | | | |
| Cumulative GPA in all UC courses: 2.0 minimum | Current GPA: | | | | | | | | | | | | | | |
| Residency Requirement: 24 of last 36 units completed at UC Merced | | | | | | | | | | | | | | | |
| UCM Requirements | Met | Fall | Spring | | | | | | | | | | | | |
| Entry Level Writing Requirement (ELWR): | WRI 001 | | | | | | | | | | | | | | |
| American History & Institutions (AHI) Requirement: | Hist 016 Hist 017 | <i>Likely met by high school for CA residents</i> | | | | | | | | | | | | | |
| Campus Requirements: | WRI 010 CORE 001* | | | | | | | | | | | | | | |
| <small>CORE & WRI 010 must be completed within your first two years at UCM. *prerequisite: WRI 001</small> | | | | | | | | | | | | | | | |
| School Natural Sciences Requirements | Met | Fall | Spring | | | | | | | | | | | | |
| 1. <i>Select one</i> non-major GE Arts/Humanities course: | | | | | | | | | | | | | | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ARTS 001-071*</td> <td style="width: 33%;">ENG 017-052**</td> <td style="width: 33%;">CHN 001-004^o</td> </tr> <tr> <td>GASP 001-034</td> <td>PHIL 001-009</td> <td>FRE 001-004^o</td> </tr> <tr> <td>HIST 005-081</td> <td>WH 001-003</td> <td>JPN 001-004^o</td> </tr> <tr> <td></td> <td></td> <td>SPAN 001-011^o</td> </tr> </table> | ARTS 001-071* | ENG 017-052** | CHN 001-004 ^o | GASP 001-034 | PHIL 001-009 | FRE 001-004 ^o | HIST 005-081 | WH 001-003 | JPN 001-004 ^o | | | SPAN 001-011 ^o | <small>^o Follow SHAA Foreign Language Placement Guidelines *ARTS 002A, 002B, 006, 066A, 066B do NOT meet GE req **May require WRI 001</small> | | |
| ARTS 001-071* | ENG 017-052** | CHN 001-004 ^o | | | | | | | | | | | | | |
| GASP 001-034 | PHIL 001-009 | FRE 001-004 ^o | | | | | | | | | | | | | |
| HIST 005-081 | WH 001-003 | JPN 001-004 ^o | | | | | | | | | | | | | |
| | | SPAN 001-011 ^o | | | | | | | | | | | | | |
| 2. <i>Select one</i> non-major Social Science course: | | | | | | | | | | | | | | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">ANTH 001-005</td> <td style="width: 33%;">PH 001, 005</td> <td style="width: 33%;">PUBP 001</td> </tr> <tr> <td>COGS 001,005</td> <td>POLI 001-009</td> <td>SOC 001-080</td> </tr> <tr> <td>ECON 001</td> <td>PSY 001</td> <td></td> </tr> </table> | ANTH 001-005 | PH 001, 005 | PUBP 001 | COGS 001,005 | POLI 001-009 | SOC 001-080 | ECON 001 | PSY 001 | | | | | | | |
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| COGS 001,005 | POLI 001-009 | SOC 001-080 | | | | | | | | | | | | | |
| ECON 001 | PSY 001 | | | | | | | | | | | | | | |
| Lower Division Major Requirements (C- or higher) | Met | Fall | Spring | | | | | | | | | | | | |
| Calculus/Physics Sequence (4 courses): *MATH 005 or equivalent | | | | | | | | | | | | | | | |
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| A) MATH 011* → MATH 012 ↓ PHYS 018 → PHYS 019 | B) MATH 021* → MATH 022 ↓ PHYS 008 → PHYS 009 | | | | | | | | | | | | | | |
| | A) ESS & BIO; B) MATH, CHEM & PHYS | | | | | | | | | | | | | | |
| Chemistry course: CHEM 002* *CHEM 001 or equivalent | | | | | | | | | | | | | | | |
| <i>Select one</i> Statistics course: | | | | | | | | | | | | | | | |
| MATH 018*,032** PSY 010*** | <small>*MATH 005 or equivalent & Statistics course **MATH 023^o, ***PSY 001 or COGS 001 (ESS: MATH 018 or 032; BIO: MATH 018 or PSY 010)</small> | | | | | | | | | | | | | | |
| <i>Select one</i> Computer Science course: | | | | | | | | | | | | | | | |
| CSE 005,020 MATH 015* | <small>*MATH 005 or equivalent</small> | | | | | | | | | | | | | | |
| | MATH & PHYS take CSE 020 | | | | | | | | | | | | | | |

* take first or follow instruction ^o can take concurre

Want to Declare?

- 2.0 GPA or higher
- C- or higher in CHEM 001/002 & MATH 005/011/021

Ever been Demajored?

- Cumulative & current GPA of 2.0 or higher
- C- or higher in ALL lower division major requirements

Students cannot declare until requirements are met. Declare within first 3 wks of the term you are eligible.

Lower Division Major Requirements (C- or higher)

| Applied Mathematical Sci | Met | Fall | Spring |
|--------------------------------|-----|------|--------|
| MATH 023 | | | |
| MATH 024 | | | |
| BIO 001, ESS 001 or 005 | | | |
| Select an Emphasis: | | | |
| PHYS: PHYS 010 | | | |
| ECON: ECON 001 ECON 010 | | | |
| CSE: CSE 030 CSE 031 | | | |
| BIO: BIO 001 & 001L BIO 002 | | | |
| ENGR: ENGR 057 | | | |

| Biological Science | Met | Fall | Spring |
|--------------------|-----|------|--------|
| BIO 001 & 001L | | | |
| CHEM 008 | | | |
| CHEM 010 | | | |

| Earth Systems Science | Met | Fall | Spring |
|-----------------------------|-----|------|--------|
| ESS 001, 010, 034 or 050 | | | |
| CHEM 010 | | | |
| ESS 095/195 or ENGR 097/197 | | | |

| Chemical Science | Met | Fall | Spring |
|----------------------------|-----|------|--------|
| BIO 001 (001L recommended) | | | |
| CHEM 008 | | | |
| CHEM 010 | | | |
| MATH 023 | | | |
| MATH 024 | | | |
| Select an Emphasis: | | | |
| CHEM: CHEM 095/195 | | | |
| MSE: ENGR 045 | | | |
| BIO: Upper Division | | | |
| ENVE: Upper Division | | | |

| Physics | Met | Fall | Spring |
|--------------------------------------------------------|-----|------|--------|
| MATH 023 | | | |
| MATH 024 | | | |
| PHYS 010 | | | |
| Select one LD/UD Elective in ENGR, ESS, BIO or CHEM | | | |

Tips from your advisor:

- Run MyAudit, in your portal (my.ucmerced.edu) before & after you register.
- See a Peer Academic Advisor. Office hours are online at learning.ucmerced.edu.
- Visit Career Services to learn about careers in your major field of study (careerservices.ucmerced.edu).
- Join a club or organization. Find a list online at studentlife.ucmerced.edu.

Notes:

**Prerequisites:*

| | | | | | | |
|----------------|--------------------------------|-----------------|-----------------|----------------|-----------------|----------------------------------|
| <u>BIO 002</u> | <u>CHEM 008</u> | <u>CHEM 010</u> | <u>CSE 030</u> | <u>CSE 031</u> | <u>ECON 010</u> | <u>ENG 045</u> |
| BIO 001 | CHEM 002 (A-) (or CHEM 010) | CHEM 002 | CSE 021 | CSE 030 | MATH 005 | CHEM 002 MATH 021 PHYS 008 |
| <u>ENG 057</u> | <u>MATH 023 & 024</u> | <u>MATH 032</u> | <u>PHYS 010</u> | | | |
| MATH 021 | MATH 022 or 030 | MATH 023 | PHYS 009° | | | |
| PHYS 008 | | | MATH 024 | | | |