CNSM Academic Advising Center
Spring 2016
MFA Workshop
Take A Moment

How was your first semester?
What motivates you to be in college?
AGENDA

1) Academic Advising Structure
2) Requirements to Declare The Major
3) Academic Resources
4) Policies: How do they impact you?
5) Achieving Academic Success
Academic Advising Center
The CNSM Academic Advising Center provides academic advising and support services for all pre-majors.

- Information about academic majors and resources
- Course selection and sequencing
- Navigate academic requirements, policies, and procedures
- Understand Major Specific Declaration Requirements
- Goal Setting
YOUR CNSM PRE-MAJOR ADVISORS

Alfreda Feaster
Pre-Biology, Education
Pre-Marine Biology
Pre-Biology, Organismal
HSCI 164C
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Tim Kalliomaa
Pre-Math (All Options)
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Pre-Biology, General Option (A-L)
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Pre-Microbiology
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Carole Duffis
Pre-Biochemistry
Pre-Chemistry
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CNSM Academic Advising Structure

PRE-MAJOR
Meet with your staff pre-major advisor

DECLARED MAJOR
Meet with faculty advisor
CNSM Faculty Undergraduate Advisors

Dr. Doug McAbee  
Chemistry & Biochemistry

Dr. Kasha Slowinska  
Chemistry

Dr. Jiyeong Gu  
Physics

Dr. Kent Merryfield  
Mathematics

Dr. Will Murray  
Mathematics

Dr. Kay Lee-Fruman  
General Biology (A-L), Molecular Cell Biology & Physiology

Dr. Ashley Carter  
General Biology (M-Z)

Dr. Gwen Goodmanlowe  
Marine Biology, Biology Ed, & Organismal Biology

Dr. Jesse Dillon  
Microbiology

Dr. Tom Kelty  
Geology & Earth Science
What Does it Take to Declare The Major?
## GE: Foundation Courses

<table>
<thead>
<tr>
<th>Foundation Area</th>
<th>Category</th>
<th>Course/Course Number</th>
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<tbody>
<tr>
<td>Written Communication in English</td>
<td>A1</td>
<td>English 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Africana Studies 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chicano Latino Studies 104</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Asian American Studies 100</td>
</tr>
<tr>
<td>Oral Communication</td>
<td>A2</td>
<td>COMM 130, 110, 132</td>
</tr>
<tr>
<td>Critical Thinking</td>
<td>A3</td>
<td>PHIL 170, COMM 131, HIST 101, PSYCH 130, CWL 161, ENGL 102, SCED 100</td>
</tr>
<tr>
<td>Math/Quantitative Reasoning</td>
<td>B2</td>
<td>MATH 119A, 122, 123, *fulfilled by major requirements</td>
</tr>
</tbody>
</table>

NOTE: Must earn a “C” or better

Foundation Courses should be completed within the first **36 units** at CSULB

**Complete ENGL 100 – (or equivalent)? Take the Writing Proficiency Exam (WPE)**
Declaration Requirements by Major
(you must declare by 60 units)

• BIOLOGY (all options)
  □ Minimum GPA 2.5
  □ MATH 119A or MATH 122
  □ CHEM 111A, CHEM 111B, BIOL 211

• CHEMISTRY & BIOCHEMISTRY
  □ Minimum GPA 2.5
  □ MATH 122, MATH 123
  □ CHEM 111A, CHEM 111B

• GEOLOGY
  □ Minimum GPA 2.5
  □ GEOL 102, GEOL 104
  □ Three of the following four:
    □ CHEM 111A, 111B
    □ MATH 122, 123

• EARTH SCIENCE
  □ Minimum GPA 2.5
  □ MATH 122, MATH 123
  □ GEOL 102, GEOL 104
  □ CHEM 111A

• MATHEMATICS
  □ Minimum GPA 2.5
  □ MATH 122, MATH 123

• PHYSICS B.S.
  □ Minimum GPA 2.25
  □ MATH 122, MATH 123
  □ PHYS 151

• PHYSICS B.A.
  □ Same as B.S. with the exception of MATH 123

You must complete GE Foundation Courses and Prep Courses with a minimum GPA of 2.0
Which Resources Can Help You Thrive in Your Major?
Key Resources

**TUTORING**

- SAS Center
  - HSCI 164 (CHEM and BIOL)
  - HSCI 222 (PHYS and MATH)
- Math Tutor Lab
  - LA5 345
- HSI-STEM
  - FO5 208 & PH2-203
- Writer’s Resource Lab
  - LAB 206

**LEARNING ASSISTANCE CENTER**

- Tutoring (HC-104)
  - Group tutoring is now free!
- Writing Support
- Learning Skills Specialists
  - Planning and Organization
  - Test Anxiety
  - Study Strategies
  - Post Exam Reviews
  - Time Management
# Supplemental Instruction (SI) Courses

<table>
<thead>
<tr>
<th>SEC.</th>
<th>CLASS #</th>
<th>NOTES</th>
<th>TYPE</th>
<th>DAYS</th>
<th>TIME</th>
<th>OPEN SEATS as of 09/30</th>
<th>LOCATION</th>
<th>INSTRUCTOR</th>
<th>COMMENT</th>
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<tbody>
<tr>
<td>01A</td>
<td>0670</td>
<td>1,12,27,144</td>
<td>LEC</td>
<td>MWF</td>
<td>11-11:50AM</td>
<td>HSCI-102</td>
<td>Li L</td>
<td>Instructor Consent Required  Optional supplemental instruction courses available SI 60 06 Class# 13397 MWF 3:30-4:45PM PH1-127 OR SI 60 07 Class# 12145 TTH 9:30-10:45AM LA1-303.</td>
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<tr>
<td>05A1</td>
<td>13148</td>
<td>1,27</td>
<td>LAB</td>
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<td>06A1</td>
<td>0673</td>
<td>1,27</td>
<td>LAB</td>
<td>MW</td>
<td>6-10:50AM</td>
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<td>1,27</td>
<td>LAB</td>
<td>MW</td>
<td>12-12:50PM</td>
<td>PH2-105</td>
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<tr>
<td>07A1</td>
<td>15218</td>
<td>1,27</td>
<td>LAB</td>
<td>MW</td>
<td>12-12:50PM</td>
<td>HSCI-330</td>
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<td>PH2-105</td>
<td>Irvine K</td>
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<td>08A4</td>
<td>14173</td>
<td>1,27</td>
<td>LAB</td>
<td>TuTh</td>
<td>10-10:50AM</td>
<td>LAS-353</td>
<td>Mohammad M</td>
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<td>09A4</td>
<td>0674</td>
<td>1,27</td>
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<td>09A5</td>
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<td>1,27</td>
<td>LAB</td>
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<tr>
<td>10A1</td>
<td>15932</td>
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<td>LAB</td>
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<td>LAB</td>
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<td>additional meeting detail</td>
<td></td>
</tr>
</tbody>
</table>

**CPT Score of 24-26**
Jensen SAS Center   CSULB.EDU/SAS

What Does SAS Offer?

• Health Professions Advising Office (Lyndsey is back!)
• A place to study
• Free Peer Tutoring
• Research Opportunities
  • LS-AMP, MARC, BUILD referrals
• G2 Computer Lab
  • .5¢ black & white, .50¢ color
• Science specific software
Additional Resources

Career Development Center (BH-250)

- Career Link (Jobs and Internships)
- Career Services (Personality Tests, Resumes, Career planning, etc.)

Student Organizations

Need to balance social and academic activities!
Finding Classes Beyond MSDR’s
## General Education Categories
(Note: Foundation courses must be taken within the first 36 baccalaureate units with a grade of C or better or CR)

### A. English Language Communication & Critical Thinking (9 units)

1. Written Communication in English (3 units)  
   *Foundation*
2. Oral Communication in English (3 units)  
   *Foundation*
3. Critical Thinking (3 units)  
   *Foundation*

### B. Science, Technology & Mathematics/Quantitative Reasoning (9 units)

1. Life Sciences  
   - Life Sciences (3 units)  
     *Science Major*
   - Physical Sciences (3 units)  
     *Science and most Math Majors*
2. Mathematics/Quantitative Reasoning (3 units)  
   *Foundation*

### C. The Arts & Humanities (9 units)

1. Arts (3 units)  
2. Humanities (Literature, Philosophy, Foreign Language or Other) (3 units)  
Choose one additional course from either C1 or C2 (3 units)

### D. Social Sciences & Citizenship (9 units)

1. Constitution and American Ideals  
   - U.S. History (3 units)  
   - Constitution & American Ideals (3 units)
2. Social Sciences and Citizenship (3 units)

### E. Life Learning & Self Development (3 units):  

### F. Capstone Courses (9 units; At least one course must be writing intensive)

1. Capstone (3 units)  
2. Capstone (3 units)  
3. Capstone (3 units)  

### Additional GE Requirements

- Global Issues (3 units)
- Human Diversity (3 units)

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### Bachelor of Science in Mathematics (Impacted)

**Major Requirements Worksheet**  
2015-2016 Catalog  

<table>
<thead>
<tr>
<th>Semester/Grade</th>
<th>Course #</th>
<th>Course Title</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MATH 341</td>
<td>Number Theory</td>
<td>MATH 233</td>
</tr>
<tr>
<td></td>
<td>MATH 347</td>
<td>Linear Algebra</td>
<td>MATH 235</td>
</tr>
<tr>
<td></td>
<td>MATH 348</td>
<td>Introduction to Mathematical Analysis I (1)</td>
<td>MATH 224, and/or MATH 315 or 324</td>
</tr>
<tr>
<td></td>
<td>MATH 361A</td>
<td>Introduction to Mathematical Analysis II (1)</td>
<td>MATH 361A</td>
</tr>
<tr>
<td></td>
<td>MATH 361B</td>
<td>Ordinary Differential Equations (3)</td>
<td>MATH 314, Pre-calculus or MATH 247</td>
</tr>
<tr>
<td></td>
<td>MATH 310</td>
<td>Probability and Statistics (3)</td>
<td>MATH 224</td>
</tr>
<tr>
<td></td>
<td>MATH 444</td>
<td>Introduction to Abstract Algebra (3)</td>
<td>MATH 221 and 222, and a lecture of MATH 343 or 342</td>
</tr>
</tbody>
</table>

Students should choose the remaining 12 UNITS after discussing career goals and interests with an advisor.

**Notes:**
- The following upper division units are excluded: MATH 365, 366, 370A, 370B, 409
- Major prerequisites require a C or better. Please check the catalog for grade requirements.

**Student ID:**

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### Course to fulfill requirement

<table>
<thead>
<tr>
<th>Course to fulfill requirement</th>
<th># of Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. English Language Communication &amp; Critical Thinking</td>
<td>(9 units)</td>
<td></td>
</tr>
<tr>
<td>B. Science, Technology &amp; Mathematics/Quantitative Reasoning</td>
<td>(9 units)</td>
<td></td>
</tr>
<tr>
<td>C. The Arts &amp; Humanities</td>
<td>(9 units)</td>
<td></td>
</tr>
<tr>
<td>D. Social Sciences &amp; Citizenship</td>
<td>(9 units)</td>
<td></td>
</tr>
<tr>
<td>E. Life Learning &amp; Self Development</td>
<td>(3 units)</td>
<td></td>
</tr>
<tr>
<td>F. Capstone Courses</td>
<td>(9 units; At least one course must be writing intensive)</td>
<td></td>
</tr>
</tbody>
</table>
Academic Requirements Report

LIFE SCIENCES AND PHYSICAL SCIENCES

GE Category B.1 - 6 Units Required (R-3063)
- Units: 6.00 required, 3.00 taken, 3.00 needed

LIFE SCIENCES - CATEGORY B.1.a.
3 Units Required
- Units: 3.00 required, 0.00 taken, 3.00 needed

PHYSICAL SCIENCES - CATEGORY B.1.b
3 Units Required

The following courses were used to satisfy this requirement:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>When</th>
<th>Grade</th>
<th>Requirement</th>
<th>Designation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111A</td>
<td>General Chemistry</td>
<td>3.00</td>
<td>Spring 2015</td>
<td></td>
<td>AREA: Bib</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Look for the red boxes

Yellow Box?
Which GE Classes Satisfy This Requirement?

View by GE Requirement

Category A: English Language Communication and Critical Thinking
1. Written Communication (A1)
2. Oral Communication (A2)
3. Critical Thinking (A3)

Category B: Science, Technology and Mathematics Quantitative Reasoning
1. Natural Sciences
   a. Life Sciences with Laboratory (B1a)
   b. Life Sciences without Laboratory (B1aNL)
   c. Physical Sciences with Laboratory (B1b)
   d. Physical Sciences without Laboratory (B1bNL)
2. Mathematics/Quantitative Reasoning (B2)

Category C: Arts and Humanities
What is This Class All About?

csulb.edu/catalog

Can I take this class?

211. Introduction to Evolution and Diversity (4) F,S
Prerequisite/Corequisite: CHEM 111A with a grade of "C" or better.
Intended for natural science majors. First of three semester introductory sequence. Evolution as a
process responsible for biological diversity at all levels: molecular, cellular, organismal, population,
and community. Phylogenetic and taxonomic survey of life. Science as method of inquiry. Failure of
either the lecture or the laboratory component will result in a failing grade for the entire course.
Letter grade only (A-F). (Lecture 3 hrs., laboratory 3 hrs.) Course fee may be required. Information
on fees related to this course can be found here.
Degree Planner (a better planning tool)

NOTE: This tool should be used along with advising to develop a reasonable and attainable plan.

Degree planner link is found on Student Center
Can Prospector Pete Handle His Schedule?

<table>
<thead>
<tr>
<th>Proposed Fall 2016 Schedule</th>
<th>Units</th>
<th>Hours in class</th>
<th>Study Time</th>
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</thead>
<tbody>
<tr>
<td>BIOL 211 (B1a/major)</td>
<td>4</td>
<td>6</td>
<td>3*3 = 9</td>
</tr>
<tr>
<td>CHEM 111A (B1b/major)</td>
<td>5</td>
<td>9</td>
<td>3*3 = 9</td>
</tr>
<tr>
<td>Critical Thinking (A3 – Foundation)</td>
<td>3</td>
<td>3</td>
<td>3*3 = 9</td>
</tr>
<tr>
<td>GE Explorations class</td>
<td>3</td>
<td>3</td>
<td>3*3 = 9</td>
</tr>
<tr>
<td>S/I class (if needed)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>21</strong></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>

* lecture units

21 hours in class + 36 hours of studying = 57 hours total per week
Plan Now for Your Future

- Use The Following to Create an Academic Plan to Graduation
  - Major Specific Declaration Requirements Handout
  - Major Requirement Worksheets
  - Academic Requirements Report
  - Degree Planner
  - Degree Roadmaps (located in the csulb catalog)
  - Meet with pre-major and major advisor to adjust as necessary
Forgot How to Register for Classes?
When to Register?
(hint-it’s in your student center)

Visit our website:  csulb.edu/cnsmadvising/freshmen.html
Policies

Important Things You Need to Know
Important Policies Overview

Dropping

First 2 Weeks – Does not appear on transcripts

Withdrawals

18 unit limit

Serious & Compelling Reason

Requires Instructor & Department Chair Signature

“W” on transcripts

Repeats

28 Unit Limit

16 Units Grade Forgiveness

12 Units Averaged

Cannot Repeat Course More than Once

Timely Graduation

144 units

Degree Progress Rules

See an advisor if you are concerned about any of the items mentioned.
Academic Probation - A Warning

Overall or CSULB GPA below 2.0

Meet others like yourself facing challenges

Attend Strategies for Academic Success Workshop (UCUA)

Meet with pre-major advisor for support & guidance.

Clear Probation Persist in Major

Meet regularly with your advisor

Graduate with a CNSM degree from CSULB!
Success in College

Philosophy

Dedication
• Commit to hard work and make it a priority!

Improvement
• Research has shown that intelligence is NOT fixed.

Communication
• Meet regularly with your professors and advisors!

Focus
• Stay focused and excel!

Perseverance
• Don’t give up—seek help!
Study Tips for Science Majors

Watch the YouTube video “The 9 Best Scientific Study Tips” by ASAP Science

https://www.youtube.com/watch?v=p60rN9JEapg
Don’t Just Survive, THRIVE!!

We are Here to Support YOU
Go Beach!