

## MEMORANDUM

TO: Dr. Ana Borger-Greco  
Faculty Senate Chairperson

FROM: Vilas A. Prabhu  
Provost and Vice President  
for Academic Affairs

DATE: March 30, 2011

SUBJECT: APPROVAL OF FACULTY SENATE CURRICULAR RECOMMENDATIONS

As the President's designee, I am informing you of the approvals of the following Faculty Senate Curricular Actions.

### **Faculty Senate action at March 1, 2011, meeting:**

#### **New Undergraduate Course(s):**

##### **ESCI 421 – Advanced Geology**

- 3 credits, Pre-requisites: ENGL 110, ESCI 321, 423, and ESCI 326 or ESCI 328, open only to geology majors with senior status. Co-requisite: ESCI 326 or ESCI 328. Replaces ESCI 425 in required B.S. GEOL program; elective course for B.A. and B.S.E. ESCI programs.
- General Education Writing Designation
- CIP CODE: 40.0699
- Faculty Load: The department will no longer offer ESCI 425 (Geodynamics) to accommodate this new course; to be scheduled within existing complement.

##### **Approved, Effective Summer 2011**

##### **ERCH 485 – Teaching Young English Language Learners**

- 3 credits, Pre-requisites: ENGL 110, Act 34, 151, 114 clearances and Admission to Advanced Professional Studies (APS) required; required course for the B.S.E. in Early Childhood Pre-Kindergarten to Grade 4 (ERCH) and B.S.E. in Dual Special Education and Pre-Kindergarten to Grade 8/Pre-K to Grade 4 (ECSP) programs.
- CIP CODE: 13.1210
- Faculty Load: To be scheduled within existing complement.

##### **Approved, Effective Summer 2011**

### **Changes in Undergraduate Courses/Curricula:**

#### **MATH 464 – Real Analysis I**

- 3 credits, required course for B.A., B.S. and B.S.E. Mathematics programs.
- **REVISE** Pre-requisites: MATH 310, 311, 322. MATH 345 recommended. TO **MATH 311 and 345 or department permission.**

**Approved, Effective Fall 2011 registration (Early registration scheduled for APRIL 2011 would have this pre-requisite in place.)**

#### **ESCI 221 – Physical Geology**

- 3 credits, required course for B.A. Earth Sciences, B.A. Earth Sciences option in Environmental Geology, B.S. Geology, B.S.E. Earth Sciences programs, and minors in Earth Sciences and Geology.
- G2 - General Education Designation
- **REVISE** Pre-requisites: none. TO **MATH 101 with a grade of C- or higher or Math placement/evaluation into MATH 160 or higher.**

**Approved, Effective Fall 2011 registration (Early registration scheduled for APRIL 2011 would have this pre-requisite in place.)**

### **Faculty Senate action at March 15, 2011, meeting:**

#### **New Undergraduate Course(s):**

#### **MDLV 486 – Teaching English Language Learners in the Middle Level**

- 3 credits, Pre-requisites: EDFN 211, 241, ENGL 110, COMM 100, Junior Standing, Act 34, 151, 114 clearances and Admission to Advanced Professional Studies (APS) required; required course for the B.S.E. in Middle Level (MDLV) programs.
- Perspectives, General Education Designation (The approval of the MDLV program shell received approval for a waiver to apply this course towards major and perspectives requirement)
- CIP CODE: 13.1203
- Faculty Load: To be scheduled within existing complement

**Approved, Effective Summer 2011**

**Changes in Undergraduate Courses/Curricula:**

B.A. Earth Sciences, Environmental Geology Curriculum	Proposed Changes	Analysis/Implications
<p>Required ESCI Courses (21 crs)</p> <ul style="list-style-type: none"> <li>• ESCI 110, 221, 222, 227, <b>261,385</b></li> </ul> <p>ESCI Electives (15-16 crs) Choose three courses from the following:</p> <ul style="list-style-type: none"> <li>• ESCI 225, 245, <b>321, 326</b>, 329, 362, 429</li> </ul> <p>Choose two courses from the following:</p> <ul style="list-style-type: none"> <li>• ESCI 267, 281</li> </ul> <p>OR</p> <ul style="list-style-type: none"> <li>• GEOG 295, ESCI 322, 426, CHEM 375</li> </ul>	<p>Required ESCI Courses (<b>27</b> crs)</p> <ul style="list-style-type: none"> <li>• ESCI 110, 221, 222, 227, <b>321, 326, 328, 426</b></li> </ul> <p>ESCI Electives (<b>3-8</b> crs)</p> <ul style="list-style-type: none"> <li>• ESCI 225, 245, <b>261, 281, 322, 329, 423, 429</b></li> </ul>	<ul style="list-style-type: none"> <li>• To better prepare students to earn a state licensure as a professional geologist, the department has revised the curriculum to better conform to the state licensing requirements.</li> </ul>
<p>Required Related (34 crs)</p> <ul style="list-style-type: none"> <li>• MATH 161, 235</li> <li>• PHYS 131, 132</li> <li>• CHEM 111, 112</li> <li>• <b>BIOL 211, 221, 241</b></li> </ul>	<p>Required Related (<b>23</b> crs)</p> <ul style="list-style-type: none"> <li>• MATH 161, 235</li> <li>• PHYS 131, 132</li> <li>• CHEM 111, 112</li> </ul> <p><b>Approved Minor (18 crs)</b></p>	<ul style="list-style-type: none"> <li>• Since the environmental sciences are inherently interdisciplinary, the department felt it was important that Environmental Geology majors have a minor discipline that broadens their perspectives. Certain courses were removed from the major and required related areas as they may be completed within an approved minor.</li> </ul>

**Approved, Effective FALL 2011**