Environmental Science & Terrestrial Resource Management (ESRM) Major

New Major Information for all incoming ESRM Transfer Student majors

[July, 2023]

Sandra Maddox (She/Her) – Academic Advisor, School of Environmental and Forest Sciences (SEFS) – ESRM and BSE Majors
Who is this presentation for?

> All Incoming ESRM Major Transfer Students
Agenda

> Basic SEFS Functioning: what you need to know immediately – Advising, Communication, web site
> ESRM First Quarter Registration
> In Case You Missed It: sending records of your College level credits
> Matching your environmental interests with a career
> FAQ about ESRM Major vs its 4 Degree Options
> Final Questions and Slide Posting

A copy of these presentation slides is available at https://sefs.uw.edu/students/undergraduate/annual-class-schedules-and-academic-planning-sheets/
Basic SEFS functioning: Undergrad Advising, ESRM Major
Communication Tools, SEFS Blog, SEFS Web Site
SEFS Undergraduate Advising and Advisors

> Undergraduate advising scheduling, hours, contact information to reach advising: https://sefs.uw.edu/students/undergraduate/undergraduate-advising/

> Caseload of students: 575-600 for Aut (estimate)

> Advisors are currently Sandra Maddox and Natasha Lavides; Natasha will be departing and will be replaced by a permanent second undergrad advisor shortly thereafter

> Note emails for contacting advising vs sending VA forms!

> Online appointment scheduling – all can schedule an appointment without asking permission!
Communication from SEFS to its Undergraduate Students

- Email lists – you will be subscribed to SEFS email lists and will be sent information relating to academic advising, SEFS events, career & internship opportunities, and connection opportunities with other SEFS and UW students
  > We try to limit what goes out over email

- Student Blog: https://sefs.uw.edu/students/student-blog/
  > This is where all other useful information is available
  > Has both undergraduate and graduate student postings, so be sure to filter to “Undergraduates”
SEFS Web Site Content

> Undergraduate advising scheduling, hours, contact information to reach advising: https://sefs.uw.edu/students/undergraduate/undergraduate-advising/

> ESRM Academic Requirements: https://sefs.uw.edu/students/undergraduate/esrm/esrm-major-requirements/

> ESRM Annual Schedule and major planning tools: https://sefs.uw.edu/students/undergraduate/annual-class-schedules-and-academic-planning-sheets/

  – NOTE: Annual schedule is only available on Web site, it cannot be deduced by using MyPlan
Environmental Sciences and Terrestrial Resource Management (ESRM): Registering for First Quarter as a Transfer Student
First, Some Registration Context: ESRM Sample
4-year plan for Junior Transfer Students

<table>
<thead>
<tr>
<th>First Year</th>
<th>Autumn Quarter</th>
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<th>Winter Quarter</th>
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<tbody>
<tr>
<td>CHEM 120/142</td>
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<td>CHEM 220/CHEM 152</td>
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<td>Q SCI 292/MATH 125</td>
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<td>ESRM 304</td>
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<td>QSCI 381/STAT 311</td>
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<td>ESRM 250</td>
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Second, here are the course priorities we hope you complete rapidly, before you explore other courses in the ESRM major.

<table>
<thead>
<tr>
<th>ESRM Math and Sciences Fundamentals (35-40 Cr)</th>
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<tr>
<td>QSCI 291 (5 cr.) Calculus for Biologists I, Offered Autumn and Winter. (or MATH 124)</td>
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<tr>
<td>QSCI 292 (5 cr) Calculus for Biologists II, offered Winter and Spring. (or MATH 125)</td>
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<tr>
<td>QSCI 381 (5 cr) Introduction to Probability and Statistics (or STAT 311)</td>
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<td>CHEM 120 (5 cr) Principles of Chemistry I, offered Autumn and Summer. (or CHEM 142)</td>
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<tr>
<td>CHEM 220 (5 cr) Principles of Chemistry II, offered Winter. (or CHEM 152)</td>
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<tr>
<td>BIOL 180 (5 cr) Introductory Biology **</td>
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<tr>
<td>BIOL 200 (5 cr) Introductory Biology**</td>
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<th>ESRM Core Courses (17 cr)</th>
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<tr>
<td>ESRM 200 (5 cr): Society and Sustainable Environments</td>
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<tr>
<td>ESRM 201 (5 cr): Sustaining Pacific Northwest Ecosystems</td>
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<td>ESRM 300 (2 Cr): Principles of Sustainability</td>
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<tr>
<td>ESRM 304 (5 cr): Environmental and Resource Assessment</td>
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Notes about course planning for your first quarter in the ESRM major

> **ESSENTIAL**: Complete your CHEM requirement BEFORE you register for Biology 180.

> If you did not complete all three General Biology courses at the same community college, it is likely you do not have credit for either BIOL 180, BIOL 200, or BIOL 220. If this is the case, you may want to consider finishing BIOL up at the same CC.

  – If you took AP Biology but did not score high enough to receive credit for both BIOL 161 and BIOL 162, you will need to complete BIOL 180, 200, and 220 instead.

> Have all your FINAL transfer transcripts arrived?
Autumn Courses to Register for – select 15-ish credits from the candidates below and on next slide

> **ESRM Core Classes:** (1) ESRM 201, or (2) ESRM 200, or (3) ESRM 250. ESRM 300 (2 credits) is Winter quarter only [304 requires 200 or 201]

> **Missing Math and Science classes – Calculus, CHEM, or BIOL**
  - Those who want to take QSCI 292 instead of MATH 125 will need to wait until Winter quarter, as it’s only offered Winter and Spring
  - Students needing CHEM and who want to do the CHEM 120/220 series MUST take CHEM 120 in AUTUMN, as that’s the only quarter offered [220 is only Winter quarter]
Registration alternatives - 2

> Other ESRM degree requirements – run your Degree Audit in MyPlan to see what you need!
Course Substitution Petitions for ESRM degree requirements only [read petition form carefully]

Another Key section of SEFS web site!

> https://sefs.uw.edu/students/undergraduate/for-students/

> Many of you have transfer credit for UW STAT 220. You can petition this class to count as the ESRM Statistics requirement. Please submit by following the instructions at the above URL.
Placement Tests to Take and Scores to Save

> Take the Chemistry Placement test in order to enroll in CHEM 120 or CHEM 142 (or CHEM 110 if you need more Chemistry preparation):
https://chem.washington.edu/placement

> Take the MATH Placement Test if you need to take Pre-Calculus (MATH 120) or want to get started with your first Calculus course requirement (either Q SCI 291 or MATH 124) and you completed Pre-Calculus in High School:
https://sites.math.washington.edu/~gsp/.
  
  – IMPORTANT NOTE: save a screenshot of your results as you may need it to register for Q SCI 291
In Case You Missed it: sending records of your College-level credits
Your College Credits

We cannot advise you correctly if you have missing college credits that should be on your UW student record.

> How can I tell if the UW has all my credits?

– Check the top of your Unofficial UW Transcript - https://sdb.admin.uw.edu/students/uwnetid/unofficial.asp. Make sure all transfer/running start college credits are listed and all credits earned from AP/IB/or A or AS level are also listed.

> Anything missing? Be sure to have a copy of your unofficial transcript/test scores on hand for your advisor meeting.
Missing Test Scores: How to send your scores and what UW credits you will receive.

- Answers for AP Scores: https://admit.washington.edu/apply/transfer/exams-for-credit/ap/
- Answers for IB scores: https://admit.washington.edu/apply/transfer/exams-for-credit/ib/
- Answers for A and AS level scores: https://admit.washington.edu/apply/transfer/exams-for-credit/a-as-level/
How Do I Send My Final College/University Transcripts and UW credits you will receive?

> Sending final College/University transcripts:
  https://admit.washington.edu/apply/transfer/how-to-apply/transcripts/
  
  – UW course equivalencies for courses complete at a WA Community College are listed at
  https://admit.washington.edu/apply/transfer/equivalency-guide/
Matching your Environmental Interests With a Career
Matching Your Environmental Interest With a Career

> How do I match up my environmental interests with possible careers and majors?

> Pathway U is here to help! https://uw.pathwayu.com/

– [One of many UW Career Center resources] - https://careers.uw.edu/
Pathways U - My Journey

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Pathways U Assessment Results

### Summary

#### Interests
- Your primary interests are **Social** and **Artistic**.
- **REALISTIC**
- **INVESTIGATIVE**
- **ARTISTIC**
- **SOCIAL**
- **ENTERPRISING**
- **CONVENTIONAL**

#### Values
- Your primary Values are **Independence** and **Achievement**.
- **ACHIEVEMENT**
- **INDEPENDENCE**
- **RECOGNITION**
- **RELATIONSHIPS**
- **SUPPORT**
- **WORKING CONDITIONS**

#### Personality
- Your Personality Assessment results can be viewed below.
- **OPENNESS TO EXPERIENCE**
- **CONSCIENTIOUSNESS**
- **EXTRAVERSION**
- **AGREEABleness**
- **EMOTIONAL STABILITY**
- **HONESTY/HUMILITY**

#### Workplace Preferences
- Your primary Workplace Preferences are **Guiding Principles** and **Stability**.
- **EXCELLENCE**
- **GUIDING PRINCIPLES**
- **COLLABORATION**
- **INNOVATION**
- **RECOGNITION**
- **PERFORMANCE**
- **STABILITY**

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### Career Matches by Subject

#### Subject Area: Education
This subject area includes opportunities related to administration and administrative support; professional support services; and teaching and training. Examples of careers within this subject area include distance learning coordinators, library technicians, chemistry teachers, physical education specialists, secondary school teachers, and special education teachers.

- **Very Strong**: 19 Careers
- **Strong**: 6 Careers
- **Good**: 3 Careers
- **Fair**: 1 Career
- **Weak**: 1 Career

#### Subject Area: Human Services
This subject area includes opportunities related to consumer services; counseling and mental health services; early childhood development and services; family and community services; and personal care services. Examples of careers within this subject area include clinical psychologists, rehabilitation counselors, childcare workers, fitness trainers, and personal care aides.

- **Very Strong**: 22 Careers
- **Strong**: 8 Careers
- **Good**: 5 Careers
- **Fair**: 2 Careers
- **Weak**: 5 Careers

#### Subject Area: Arts, Media, & Communication
This subject area includes opportunities related to journalism and broadcasting; performing arts; printing technology; telecommunications; and visual arts. Examples of careers within this subject area include audio and video equipment technicians, broadcast news analysts, sound engineering technicians, writers and authors, producers, music directors, craft artists, and graphic designers.

- **Very Strong**: 16 Careers
- **Strong**: 10 Careers
- **Good**: 2 Careers
- **Fair**: 6 Careers
- **Weak**: 7 Careers

#### Subject Area: Health Science
This subject area includes opportunities related to biotechnology research and development; diagnostic services; health informatics; support services; and therapeutic services. Examples of careers within this subject area include cytogenetic technologists, surgical assistants, acupuncturists, chiropractors, dentists, occupational therapists, and veterinarians.

- **Very Strong**: 30 Careers
- **Strong**: 29 Careers
- **Good**: 19 Careers
- **Fair**: 11 Careers

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FAQ about the ESRM Major and Degree Options
FAQ about ESRM Major and Degree Options

ESRM is one of the two Bachelor’s degree programs in the School of Environmental and Forest Sciences (SEFS)

Students complete the general ESRM degree [incoming ESRM majors are in this program] or one of four ESRM degree Options:

- ESRM degree: Option in Natural Resources and Environmental Management (NREM)
- ESRM degree: Option in Restoration Ecology and Environmental Horticulture (REEH)
- ESRM degree: Option in Sustainable Forest Management (SFM)
- ESRM degree: Option in Wildlife Conservation (WC)

All students earn a Bachelor of Science, Environmental Science and Terrestrial Resource Management

Degree Options are only listed on a student’s transcript

More at https://sefs.uw.edu/students/undergraduate/esrm/
FAQ about the ESRM Major and Options - 2

> The only difference between the major and the options are the final 45 credits of the degree.

  – ESRM: General (the Major) students can choose flexible ESRM or outside elective classes at the 300 and 400 levels – this is what you are in now
    > This allows students to customize a program of study to meet their interests
    > The vast majority of students chose this pathway to complete their degree
    > If you want to switch to one of the 4 Options, please wait a quarter or two before contacting an ESRM advisor. There is no rush!

  – All of the other four options have a fixed set of ESRM 300-400 level courses to complete for the final 45 credits.

> NOTE: There is no difference in future employability between the Major (AKA ESRM: General) and the Options.
Final Questions and Slide Posting

> Many of your questions will be answered during your Orientation session or can be answered if you ask. Please ask your First Year Programs staff assistance also.

> These slides are posted at https://sefs.uw.edu/students/undergraduate/annual-class-schedules-and-academic-planning-sheets/

> We look forward to working with you during your time in our major!