Introducing the GCSP at West Virginia University

VISION

Mountaineer Grand Challenge Scholars (M-GCS) will be sought for their demonstrated ability to **identify** significant opportunities and bring their solution to **reality**, recognizing the **societal and global impacts** of the issues and working **effectively** in a wide variety of settings with many different people.

GOALS

Enroll **10 M-GCSP** scholars during 2017-2018 Academic Year
Graduate **20 M-GCSP** scholars annually by 2020
Leverage the **M-GCSP to increase** the number of students studying abroad, engaged in research, and active in service by **20%** in 2020
Leverage the **M-GCSP to develop 10 new companies** in West Virginia by 2020

Current Activity

- 8 students informed, enrolled and actively engaged in M-GCSP (6 – Class of ‘21, 1 – Class of ‘20, 1 – Class of ‘19)
- Finalized submission to WVU curriculum board regarding institution of Grand Challenges Minor program
- Development of system for students to utilize in planning schedules (See figure below)
- Identification of M-GCSP steering committee members
- Identification of research programs and partners, both public and private

Future Work

- Identify student steering committee composed of 7 – members (one from each academic department)
- Identify 7 – faculty members (one per academic department) as M-GCSP contact
- Organize service event focused on restoring and improving urban infrastructure
- Compile collected information and resources for student steering committee
- Engage enrolled students in recruitment events at student housing facilities

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**General Description:**
Apply for minor prior to SP’s completion.
Identify 4 of 10 for Engineering Grand Challenges to focus your attention on throughout your time in the program (or another challenge if you identify one).
Complete 10 credits based on the Grand Challenge Capstone (GCS) to fulfill Engineering Grand Challenges Minor requirements.
Complete at least 2 of the following components as an M-GCSP.[1] (1) Complete at least 2 professional development training workbooks, drawn from class key expected competencies and to be made available by the GCS committee.
Complete final write up for submission to GCS Committee to complete Grand Challenges Scholar requirements within IRP capstone.

**General Notes:**
Experiential components are required for completion for recognition by NAV.
The following steps must be followed when identifying an out of class experiential component:
- Step 1: Identify an experience
- Step 2: Submit a proposal brief write up to the GCS steering committee
- Step 3: Complete experience
- Step 4: Submit proof of completion to GCS steering committee
Experiential experiences can be submitted in one or more of the following forms:
- Min 10 credits may count towards another degree or minor program
- For Engineering Track 2 students, the 24 credits are not guaranteed. Students will need to individually determine whether to follow track 1 or track 2 for completion of the program.

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**Engineering Track 1**

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<th>Task</th>
<th>Description</th>
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<th>Summer</th>
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<td><strong>Apply for Minor</strong></td>
<td>Send a written request to enroll in minor program</td>
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<td><strong>Complete Exp. Activity</strong></td>
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<td>Experience 2 (See Attached)</td>
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<td><strong>Complete Coursework</strong></td>
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<td><strong>Complete 3 IR Capstone</strong></td>
<td>Complete paperwork and initiative application to College &amp; NAV</td>
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