Group Advising Session
Math and Natural Sciences Focused (Bio, Chem, Physics, Math, CS)
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Goals:
- Course selection for the fall semester
- Advanced placement
- How the process for submitting course preferences will work

Reed's requirement structure:
- Humanities 110
- Major requirements
- Division requirements (none for Math and Natural Sciences)
- Group requirements

Group I: Arts, Languages, English, Literature, Philosophy, Humanities

3 units from the following subjects, of which 2 must come from the same subject: Art, Chinese, Classics (only Greek and Latin language and literature classes), Comparative Literature, Comparative Race and Ethnicity Studies, Dance, English (including Creative Writing), French, German, Humanities, Literature, Music, Philosophy, Russian, Spanish, Theatre. A maximum of two units can be from language classes.

Group II: ‘Social sciences’

3 units from the following subjects, of which 2 must come from the same subject: Anthropology, Classics (only archaeology and ancient history classes), Comparative Race and Ethnicity Studies, Economics, International and Comparative Policy Studies, History, Humanities, Linguistics, Political Science, Religion, Sociology.

Group III: Math and ‘natural sciences’

3 units from the following subjects, of which 2 must come from the same subject: Biology, Chemistry, Computer Science, Mathematics, Physics, Psychology. A substantial portion of at least one unit used to satisfy the Group III requirement must be devoted to primary data collection and the analysis of that data.

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Note: this document was edited from the version Prof. Noelwah Netusil (Econ) helpfully provided!
This is all good to know, but for MNS majors, the focus is really on starting courses for your major in the first year.

‘Pod-possible’ classes for Fall 2020:

- BIOL 102 – Topics in Biology (Group III)
- CSCI 121– Comp Sci Fundamentals I (Group III)
- ECON 201– Intro to Economic Analysis (Group II)
- FREN 110/210– First-/Second-Year French (Group I)
- GER 110– First-Year German: A Foundation (Group I)
- GRK 110– First-Year Greek (Group I)
- MATH 111– Calculus (Group III)
- MATH 112– Introduction to Analysis (Group III)
- MATH 113– Discrete Structures (Group III)
- MATH 141– Intro to Probability & Statistics (Group III)
- MUS 150– The Cultural Study of Music (Group I)
- PHIL 207– Persons and Their Lives (Group I)
- PHYS 101– General Physics I (Group III)
- POL 260– Intro Amer Politics & Public Policy (Group II)
- PSY 101– Foundations in Psychological Science (Group III)
- REL 123– Islam in the Modern World (Group II)
- RUSS 120– First-Year Russian (Group I)
- SPAN 110/210– First-/Second-Year Spanish (Group I)

Note: CHEM 101 isn’t on this list, but absolutely is being offered this fall, but is a remote-only class for everyone.

Advanced placement:

Math: Students receive one unit of credit, and placement out of Math 111, from an AP or IB exam score. The required AP Calculus exam score is 5 on AB, or 4 or 5 on BC. The required IB exam score is 5, 6, or 7 on Mathematics HL or Further Mathematics HL. If you haven’t taken one of these exams, but think you have adequate Calculus preparation, email a math professor to check-in: Kyle Ormsby (ormsbyk@reed.edu) or Jerry Shurman (jerry@reed.edu).

Also! There are two specific versions of Math 111 that might be of interest, read about them here. (One for those who have taken some calc before, one who are totally new to calc. The latter class is pod-possible.)
CS: If you have had substantial college-level coursework in computer science (beyond AP level), email Jim Fix (jimfix@reed.edu) or Adam Groce (agroce@reed.edu) to see if it is sufficient to place beyond CS 121.


Languages: online placement exams offered July 7 - 9 for German, Greek, French, and Spanish.

**Basic fall plans for majors in MNS:**

See [First-year program outlines](#) for more info on all majors (especially for interdisciplinary majors that I haven’t listed below!)

**Math:** Hum 110, Math 111/112, Physics 101

**Computer Science:** Hum 110, CS 121, Math 111/112/113

**Physics:** Hum 110, Physics 101, Math 111/112

**Bio:** Hum 110, Bio 102, Chem 101

**Chem:** Hum 110, Math 111/112, Chem 101

(Don’t worry about a 3rd ‘pod possible’ choice (or even 2nd), if it doesn’t fit with what you need for your major- just note that in the free-form box where you can provide extra notes/info.)

**Next steps:**

- The Registrar’s Office will forward a link to a form by July 8th where you will rank pod-possible classes (up to 3) from the above list.
- Ranked list is due by July 13th, this will be used to register you for a Hum 110 section, one of your ranked classes, and will be used to form your residential pod.
- You’ll know what class you’re in by July 20th.
- You’ll meet with your academic advisor in late July (29, 30, or 31) to discuss other courses for the fall semester.
- Registration for additional fall classes will begin on Monday August 3rd and will be available through Wednesday, August 26th.