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| **University** |  |
| Name | The name of the university. |
| Abbr | Abbreviation of the university name. |
| Registration website | Course registration website of the university. |
| Main color | A Hex of the main color of the university |
| Accent color | A hex of the accent color of the university. |
| Subjects[] | A list of subjects offered by this university. There is no limit on the number of subjects |
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| **Subjects** | **The subject should be able to point back to university it belongs to.** |
| Name | This is the name of the subject. E.g Computer Science. This field is required. |
| Name abbr | The abbreviation of the name of the subject name. |
| Semester | The the semester this subject is currently offered. Subjects are not guaranteed to be offered every semester |
| Courses[] | A list of courses tied to this subject. No limit on the amount of courses that can be tied to the Subject. |
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| **Courses** | A course should be able to point back to the subject it belongs to. |
| Name | The name of the course e.g Intro to CS |
| Number | The number of course e.g 101 |
| Synopsis or Description | Courses typically have a description of what why be offered. |
| Generic Data[] | Generic data could be anything that is unique to a University. E.g the course maybe be listed with restriction. If a scraper finds data that is not easily classified, it should determine the appropriate title and description.  e.g  Prerequisites MATH 104  With Prequisites being the title and MATH 104 the description. |
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| **Section** | The section should point back to the university it belongs to. |
| Number | Courses may have multiple sections and may choose to have this number to uniquely identify it. If the university doesn’t have a section number, assign one. |
| Call number | Universities use this number for registration. I’ve seen this called, index, class id, class #. |
| Current | Current class enrollment. Some universities don’t provide this. default = Max |
| Max | Maximum seats in the class. Some universities don’t provide this. default = 0 |
| Status | This is the status of the section. While it’s obvious a section can be open or closed, there is a third option, cancelled. |
| Instructor[] | A section may have multiple instructors. |
| BookUrl[] | A section may have multiple books. |
| Credits | This value may live in the course above, but it should be mirrored that value down. |
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| **MeetingTime** | A meetingtime should point back to the section it belongs to. |
| Room | This may include the full name, e.g Central King Building Room 356. To take great care when designing the UI. |
| Start Time | The start time for this meeting. The scraper should extract values of this format. hh:mm(AM|PM) |
| End Time | The end time for this meeting. The scraper should extract values of this format. hh:mm(AM|PM) |
| MeetingType | This could be a Lab, Lecture, or Recitation. If the university doesn’t provide this information. The default is a lecture. |
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| **Instructor** | This should point back to the section the professor belongs to. Ideally I’d like to have one instructor. |
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