|  |
| --- |
| Student |
| -name : String  -schedule : ArrayList<integer>  -course : ArrayList<course>  -department: Department |
| +Student()  +getName(): String  +setName(name : String) : void  +getDepartment() : department  +setDepartment(Department dep) : void  +addCourse(Course c) : void |

|  |
| --- |
| **Department** |
| -name : String  -course : ArrayList<course>  -student: ArrayList<student> |
| +Department()  +getName(): String  +setName(name : String) : void  +getCourse() : course  +setCourse(Course c) : void  +getStudent() : ArrayList<student>  +setStudent(Student s) : void |

|  |
| --- |
| **University** |
| -department: ArrayList<department>  -course: ArrayList<course>  -student: ArrayList<student> |
| +getDepartment(): String  +getCourse(); String  +getStudent(): String |

|  |
| --- |
| **Course** |
| -name : String  -number : int  -schedule: ArrayList<integer>  -studentRoster : ArrayList<student>  -department: Department |
| +Course()  +getName(): String  +setName(name : String) : void  +getNumber(): int  +setNumber(number : int) : void  +getSchedule(): ArrayList<Integer>  +setSchedule(int): void  +getDepartment() : department  +setDepartment(Department dep) : void  +getStudentRoster() : ArrayList<Student>  +setStudentRoster(Student s) : void |

Toan Chu

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HW01-UML model